TO OUR MANY FRIENDS -

We hope that this finds you, your family, and staff safe and well. We have been blessed with the fortune of good health and safety for our family here at Germania. We have worked tirelessly to create a safe environment for our team and all of the professionals delivering products to us and to you throughout this nationwide crisis. Continual sanitation, temperature checks, work space cleaning, social distancing and limited interaction with guests to our office has proven successful. We stand committed to provide the safest working environment possible.

For many, the Garden Center industry surprised itself with strong sales and consumer confidence. We are glad to have been able to stay open during these months and be able to supply you through it all. We can only hope that all of the new gardeners that have emerged will stick with it for many more years to come.

Vegetables, mixed containers, and hanging baskets have dominated the marketplace this Spring. Products that bring big color are at a high demand. It has been busy for us all, but certainly has been satisfying to see the customers still demand quality products and be willing to come out and shop.

As we begin our 89th year, we continue to be thankful for your orders and confidence in Germania Seed Company to serve you. We stand by our motto that Personal Service is the Foundation of our Business!

Thank you for your continued confidence, best wishes for a healthy and prosperous year!

Rick Kane

Corky Kane

DISCOUNTS

Do not miss your opportunity to EARN a bigger discount off of these prices. Discounts on SEEDS ONLY.

<table>
<thead>
<tr>
<th>Order Range</th>
<th>Discount Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under $250</td>
<td>Net</td>
</tr>
<tr>
<td>$250.01 to $500.00</td>
<td>15%</td>
</tr>
<tr>
<td>$500.01 to $750.00</td>
<td>18%</td>
</tr>
<tr>
<td>$750.01 to $1,500.00</td>
<td>20%</td>
</tr>
<tr>
<td>$1,500.00 and over</td>
<td>Call for details</td>
</tr>
</tbody>
</table>

We do NOT have a minimum order requirement.

We do not have a minimum order requirement and all orders are appreciated and shipped the same day received. Due to the increased costs of order processing and shipping by United Parcel Service and the U.S. Mail, the minimum shipping charge is $7.80.

Color Plant Tags

$2.59 per 100

Valid on a minimum order of 4,000 or more John Henry Pixie Tags thru 9/30.

Receive the 250,000 tag volume rate on ALL Pixie Tag orders through June when you order $250.00 or more in plants & seeds.

Order form & more info at: germaniaseed.com/tags
We do not have a minimum order requirement and all orders are appreciated and shipped the same day received. Due to the increased costs of order processing and shipping by United Parcel Service and the U.S. Mail, the minimum shipping charge is $7.80.

**Shipping**—All seeds are shipped FOB, Chicago IL. Regular shipping charges will apply. DELIVERY IS LIMITED TO NORTH AMERICA. PLEASE CONSULT ONE OF OUR CUSTOMER SERVICE AGENTS. ALL CHARGES FOR SHIPPMENTS OUTSIDE OF THE UNITED STATES WILL BE BILLED AT COST TO THE CUSTOMER, PLUS ANY CUSTOMS/DECLARATION FEES.

**APPAROXIMATE EXPRESS DELIVERY COST**

(Price will be based on actual shipping cost).

<table>
<thead>
<tr>
<th>Weight</th>
<th>2nd Day Air</th>
<th>Next Day Air Saver (3 pm)</th>
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</thead>
<tbody>
<tr>
<td>1-2 Lbs.</td>
<td>$27.30</td>
<td>$54.85</td>
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<tr>
<td>3-6 Lbs.</td>
<td>$45.10</td>
<td>$74.55</td>
</tr>
<tr>
<td>7-10 Lbs.</td>
<td>$65.15</td>
<td>$97.80</td>
</tr>
</tbody>
</table>

In order to make scheduled pick-up times for Express and Airmail carriers, your orders should be placed by 1:00 p.m. C.S.T. in order to be filled and shipped that same day. All prices are quoted in U.S. Dollars and all shipments outside of the continental United States must be paid for in advance of shipping date with your cashier's check or credit card.

Please be specific on dates that you would like to have seed arrive if you will be closed or on vacation. We want to follow your instructions and not cause any inconveniences or delays.

Supplies, plastic tags, accessories and plants are priced net and are F.O.B. shipping point. Net prices listed are based upon your check with order, credit card, or customers with approved credit and payment within 20 days.

Orders from new customers—If merchandise is needed at once, cash remittance should accompany order; otherwise, bank and trade references should be furnished. Orders should be signed with an individual's name in writing.

**Charge Cards**—We will be happy to process your order and charge it to your VISA; MASTERCARD, AMERICAN EXPRESS or DISCOVER at time of invoicing. Once an order has been invoiced, any payment with a charge card will be subject to a 3% convenience fee.

**Special Orders**—We request you send us 50% advance deposit for all items that will need to be special ordered for you.

**Claims**—All claims must be made within 24 hours of delivery. Please contact our customer service dept. immediately if you have a problem.

**Return of Merchandise**—Please inform us of the situation before returning any merchandise. We will promptly advise you of method to ship and proper destination. Please keep in mind that our re-stocking charge is 30-50%, depending on items. Do not return any merchandise without our prior permission.

**No returns**—except for an error on our part in filling, billing or processing your order.

All invoices are due and payable 30 days after invoice date. Past due accounts are subject to a 2% per month late charge (24% annual rate). All discounts and special pricing are contingent upon payment term. We reserve the right to rescind any and all discounts on delinquent accounts. Applicable collection charges will be added to outstanding balances if it is necessary for account to be turned over for collection. A service charge of $35.00 will be made for any check that does not clear through your bank. (Not Sufficient Funds, etc.)

**Condition of Sale**—In lieu of all other warranties, expressed or implied, and liability for possible negligence, Germania Seed Co., Inc., warrants to the extent of the purchase price that the seeds, plants, supplies or accessories sold are as described by us on our container within recognized tolerances. We expressly disclaim any warranty of merchantability or of fitness for a particular purpose. Under all circumstances and regardless of whether the claim is based upon contract, negligence, mistake, omission or otherwise, and regardless of the extent of the loss, our liability is limited to the purchase price. As a condition of such liability, we must receive notice by registered mail within 30 days after any defect becomes apparent.

**Confirmations**—Confirmation of orders are sent upon request or when future deliveries will be made.

**Prices**—Due to constant market fluctuations, all prices in this catalog are subject to change without notice. **ALL PRICES ARE QUOTED IN U.S. DOLLARS AND ARE ELIGIBLE FOR DISCOUNTS AS STATED BELOW.**

**Shortages and Delays**—All items are offered subject to crop failures or shortages. We cannot be responsible for loss caused by delays in delivery from strikes, fire, casualty or any other causes beyond our control.

It is our intent to inform our customers of shortages, advance bookings, applicable early order discounts, surplus inventory, etc. We will eliminate your name upon your request by either email, fax, or telephone. In the event this has not been effective, please directly contact Corky Kane at Germania Seed Co, at 800-380-4721 ext: 801.

Copyright 2020 - 2021 Germania Seed Company

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**We have lowered our plant prices for a short time!**

**Book your Plant & Plug Orders NOW to SAVE BIG!**

- **5% Early Order Discount on all orders with:**  
  Raker-Roberta’s, Mast, Wagners, DGI & Malmborgs placed by December 15th!

- See these programs in our Early Bird Plant & Plug Catalog or view online at www.germaniaseed.com
### Annuals

<table>
<thead>
<tr>
<th>Item</th>
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<tr>
<td>Ageratum Aloha Series Blue</td>
<td>1315PE</td>
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<tr>
<td>Ageratum Aloha Series White</td>
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<td>Alyssum Giga White</td>
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<tr>
<td>Angelonia Serenita Series Lavender</td>
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<tr>
<td>Asparagus Sprengeri Compacta</td>
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<tr>
<td>Begonia Big Series Deep Rose / Bronze Leaf</td>
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<tr>
<td>Begonia Big Series White / Green Leaf</td>
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<td>Begonia Sprint Plus Series Pink</td>
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<td>Celosia Sol Gekko Green (Pelleted)</td>
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<tr>
<td>Celosia Sol Lizzard Leaf (Pelleted)</td>
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<td>Celosia Kosmo Series Orange (Pelleted)</td>
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<td>Celosia, Cristata Brainiac Maxi Mixture</td>
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<td>Celosia, Plumosa Ice Cream Mixture (Pelleted)</td>
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<td>Cineraria Satellite Mixture</td>
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<tr>
<td>Cosmos atrosanguineus Brownie</td>
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<td>Cosmos Apricot Lemonade</td>
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<td>Dianthus Venti Parfait Series Blueberry Eye</td>
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<td>Dianthus Venti Parfait Series Strawberry Shades</td>
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<td>Geranium, F-1 Hybrid Landscaper Red</td>
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<td>Gomphrena Ping Pong Series Lavender</td>
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<td>Impatiens DMR Imara XDR Series Violet</td>
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<td>Marigold, African Coco Series Deep Orange</td>
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<td>Marigold, Dwarf Alumia Vanilla Cream (Detailed)</td>
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<td>Marigold, Dwarf Alumia Creme Brulee (Detailed)</td>
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<td>Nemesia Pretty Please Blue Bicolor (Pelleted)</td>
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<td>Nicotiana Perfume Series Rose</td>
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<td>Ornamental Rice Black Madras</td>
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<tr>
<td>Pansy Cats Series Orange</td>
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<tr>
<td>Pansy Cats Series Red &amp; Gold</td>
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<tr>
<td>Pansy Cats Series White</td>
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<tr>
<td>Pansy Cats Series Yellow</td>
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<td>Pansy Cats Series Mixture</td>
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<td>Pansy Frizzle Sizzle Series Blue</td>
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<tr>
<td>Pentas Glitterati Red Star (Pelleted)</td>
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<td>Petunia, Spreading Easy Wave Series Rose Fusion</td>
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<tr>
<td>Petunia, Spreading Shock Wave Purple Tie Dye</td>
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<tr>
<td>Petunia, Spreading Fotofinish Series Blue</td>
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<td>Petunia, Spreading Fotofinish Series Burgundy</td>
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<td>Petunia, Spreading Fotofinish Series Red</td>
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<td>Petunia, Spreading Fotofinish Series Salmon</td>
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<td>Petunia, Spreading Fotofinish Series White</td>
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<td>Petunia, Spreading Fotofinish Series Patriot Mixture</td>
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<td>Phlox Popstars Mixture</td>
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<td>Salvia Lancelot</td>
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<tr>
<td>Sunflower Gold Rush</td>
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<tr>
<td>Sunflower Pro Cut Series Gold Lite DMR</td>
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<tr>
<td>Sunflower, Dwarf Miss Sunshine</td>
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<tr>
<td>Sunflower, Dwarf Smiley</td>
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<tr>
<td>Verbena Imagination (Enhanced)</td>
<td>4170EN</td>
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<tr>
<td>Verbena Quartz Series Pink Xp</td>
<td>4166</td>
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<tr>
<td>Vinca Cora Cascade Series Bright Rose</td>
<td>4215</td>
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<tr>
<td>Vinca Cora XDR Series Apricot</td>
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<tr>
<td>Vinca Cora XDR Series Punch</td>
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<tr>
<td>Vinca Tattoo Series American Pie Mixture</td>
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<tr>
<td>Vinca Tattoo Series Blueberry</td>
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<tr>
<td>Viola Quicktime Series Blue</td>
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<tr>
<td>Viola Quicktime Series Yellow Blotch</td>
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<tr>
<td>Zinnia, Magellan Series Mixture (Coated)</td>
<td>4299PE</td>
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<tr>
<td>Zinnia, Zahara Series Cherry</td>
<td>4416</td>
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### Grasses

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
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<tbody>
<tr>
<td>Grasses, Ornamental Festuca Ovina Glaucis</td>
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<tr>
<td>Grasses, Ornamental Frosted Explosion</td>
<td>3489MP</td>
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### Herbs

<table>
<thead>
<tr>
<th>Item</th>
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<tr>
<td>Basil Rutgers Devotion DMR</td>
<td>7728</td>
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<tr>
<td>Cilantro Cruiser</td>
<td>7749</td>
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<tr>
<td>Culantro Mexican Coriander</td>
<td>7793</td>
</tr>
<tr>
<td>Parsley Giant Of Italy</td>
<td>7788</td>
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</tbody>
</table>
**Perennials**

- Alyssum  Gold Rush (5170)
- Aquilegia Earlybird Series Purple Yellow (5544)
- Aquilegia Earlybird Series Red Yellow (5546)
- Arabis  Barranca Deep Rose (5569)
- Arabis  Barranca Pink (5570)
- Campanula, Carpatica Clips Series Blue (5650PE)
- Campanula, Carpatica Clips Series Deep Blue (5665PE)
- Campanula, Carpatica Clips Series White (5651PE)
- Campanula, Carpatica Clips Series Mixture (5666PE)
- Echinacea Artisan Collection Red Ombre (6687EN)
- Echinacea Artisan Collection Soft Orange (6688EN)
- Hibiscus Disco Belle Series Pink (5963)
- Hibiscus Disco Belle Series Rosy Red (5959)
- Hibiscus Disco Belle Series White (5960)
- Lobelia, Perennial Starship Blue (6086PE)
- Lobelia, Perennial Starship Burgundy (6095PE)
- Lobelia, Perennial Starship Scarlet/Bronze Leaf (6096PE)
- Lupinus  Perennis (6071)
- Platycodon Pop Star Series Blue (6675)
- Platycodon Pop Star Series Mixture (6676)
- Platycodon Pop Star Series Pink (6677)
- Sedum  Lizard (6812)
- Sempervivum  Hippie Chicks Mixture (Pelleted) (6257PE)

**Vegetables**

- Beans  Jade Bush (7514)
- Celery  Tango (Pelleted) (7562PE)
- Cucumber, Pickling  Eureka (7642)
- Cucumber, Slicing  Burpless Supreme (7648)
- Eggplant  Asian Delite (7719)
- Eggplant  Barbarella (Sicilian) (7718)
- Eggplant  Classic (7688)
- Eggplant  Epic (7492)
- Eggplant  Fairy Tale (7493)
- Lettuce  Inferno (Pelleted) (7820PE)
- Lettuce  Monte Carlo (Pelleted) (7824PE)
- Lettuce  Pomegrante Crunch (7827)
- Lettuce  Valley Heart (7805)
- Lettuce, Simply Salad  Pro San Mixture (8184MP)
- Lettuce, Simply Salad  Pro Tatu Mixture (8185MP)
- Muskmelon, Cantaloupe  Ambrosia (7840)
- Okra  Burgundy (7868)
- Okra  Jambalaya (7865)
- Parsley  Giant Of Italy (7900)
- Pepper, Hot  Caribbean Red (7947)
- Pepper, Hot  Time Bomb (Cherry) (8168)
- Pepper, Sweet  Classic (7948)
- Pepper, Sweet  Peppigrande Red (7971)
- Squash  Autumn Frost (8052)
- Squash  Turk’s Turban (8053)
- Squash, Zucchini  Spineless Perfection (8055)
- Tomato  Berkeley Tie-Dye Pink (8412)
- Tomato  Biltmore (8504)
- Tomato  Debut (8382)
- Tomato  Heatmaster (8392)
- Tomato  Summerpick (8398)
- Tomato  Valleycat (8505)
- Tomato, Small Fruited  Grape - Ruby Crush (8596)
- Tomato, Small Fruited  Grape - Sweet Hearts (8597)
- Tomato, Small Fruited  Grape - Sweet Zen (8595)
- Tomato, Small Fruited  Grape - Valentine (8598)

**ALL-PURPOSE BARLOW KNIFE - 8912**

An economical all-purpose utility knife.
- Each $10.85; 6 for $59.65; dozen $114.70

**NURSERY MARKING PEN - 8918**

A fine line felt marker that marks on ANYTHING. Will solve all your marking problems. Instant drying, sun-fast, waterproof, permanent and non-smearing.
- Each $4.25; 6 for $23.10; dozen $43.80
**Flowers**

**Seed Volume Discounts**

Do not miss your opportunity to EARN a bigger discount off listed prices. Discounts on SEEDS ONLY.

<table>
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**NEW ITEM THIS YEAR**  |  **CUT FLOWER**  |  **1ST YEAR FLOWERING PERENNIAL**

---

**ABUTILON**

FLOWERING MAPLE, INDIAN MALLOW, CHINESE BELL FLOWER

8,000 sds/oz  65°-75°  3-5 days

Cover with medium grade vermiculite at time of sowing.

**BELLA SERIES SELECT MIXTURE - 1269**

14-18 in. - 5,500 S. (F-1 Hybrid). Large 3 in., bell-shaped flowers look up for a good show of color, that will bloom continuously, even under hot conditions. The multi-lobed leaves resemble a maple tree. Ideal in packs, 3-4 in. pots, baskets, or as an indoor plant. Flowers bloom best in partial shade, when evenly moist. Weeks to flower: 11-13.

- **Bella Shades, Deep Coral, Pink, Red, Salmon Shades, Vanilla and Yellow.**
  - 10 sds - $8.10
  - 25 sds - $14.60
  - 50 sds - $24.10
  - 100 sds - $48.20

**ACROCLINIUM**

8,500 sds/oz  65°-70°  2 weeks

**ACHILLEA**

NOBLESSA

Sorry, no longer available.

**SUMMER BERRIES MIXTURE - 5503**

- **Perennial.** 24-28 in. - 125,000 S. A. millefolium. The most beautiful and long-lasting Yarrow. A cheery blend of magnificent colors in shades of apricot, cherry-red, pink and white. An upright, bushy plant with 3-5 in. clusters. Unlike most Achilleas, the blooms do not fade. This bouquet is contrasted with aromatic grey-green foliage. Great if used dried.
  - Weeks to flower: 16. Zones: 3-9
  - 1,000 sds - $7.25
  - 2,000 sds - $14.50
  - 5,000 sds - $29.00
  - 10,000 sds - $50.00

**SUMMER PASTELS MIXTURE - 5508**

  - Weeks to flower: 16. Zones: 3-9
  - 1,000 sds - $7.25
  - 2,000 sds - $14.50
  - 5,000 sds - $29.00
  - 10,000 sds - $50.00

**ACONITUM**

Aconite, Monk’s Hood, Wolfsbane

8,000 sds/oz  60°-70°  25 days

Freeze seed for two weeks before sowing. Sow in a bag with moist seed mix and maintain at 70° temperature for three weeks. then place in the fridge for four weeks, move to 55° where germination will occur. Light will help germination. Will flower the third year. Be aware that all parts of the plant are poisonous.

**NEWRY BLUE - 5517**

- **Perennial.** 36 in. - 11,000 S. A. napellus. A beautiful strain with upright tall spikes of the deepest blue hooded flowers over deep-cut foliage. Foliage is very attractive in the spring as it emerges out of the ground; leaves are very lacy and cut, shaped somewhat like a hand. Suitable for borders and woodland gardens. Will flower June-August.
  - Zones: 3-8
  - 100 sds - $8.65
  - 200 sds - $15.10
  - 500 sds - $26.65
  - 1,000 sds - $43.60
  - 2,000 sds - $79.80

**AGASTACHE**

**(continued on next page)**
AGASTACHE (continued)

GOLDEN JUBILEE - 5489
Perennial. 20 in. - 65,000 S. A. foeniculum. (All America Winner - 2003). Deep yellow to chartreuse Coleus-like foliage is incredible on its own, but the purple bottlebrush flowers in mid summer tops it off beautifully. Wonderfully redolent of licorice, it perfumes the entire garden over a long season. Hot weather intensifies the scent. Irresistible to bees, butterflies and birds. Ideal for dried arrangements. Zones: 6-10

<table>
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<tr>
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<th>Cost</th>
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<tr>
<td>1,000 sds</td>
<td>$57.40</td>
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LICORICE BLUE - 5506
Perennial. 36 in. - 70,000 S. A. rugosa. Very aromatic licorice scented leaves. 4-6 in. flower spikes on strong stems. A magnet for bees and butterflies. For fresh or dried use. Weeks to flower: 10-12. Zones: 7

<table>
<thead>
<tr>
<th>Package Size</th>
<th>Cost</th>
<th>Description</th>
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<td>500 sds</td>
<td>$7.25</td>
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</tr>
<tr>
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<td>$14.10</td>
<td>5,000 sds - $25.60</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$42.30</td>
<td>(30A0)</td>
</tr>
</tbody>
</table>

AGERATUM (continued)

HIGH TIDE SERIES

PELLETED SEED.
Blue - 1293PE
Periwinkle Blue.
White - 1295PE
Clean white; slightly taller and more vigorous than blue.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
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<td>50 sds - $18.70</td>
</tr>
<tr>
<td>100 sds</td>
<td>$28.15</td>
<td>500 sds - $96.60</td>
</tr>
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</table>

AGROSTEMMA
Rose Champion, Corn Cockle

Flowers June-July. For fresh or dried use. Weeks to flower: 10-15. PELLETED SEED.

<table>
<thead>
<tr>
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<tr>
<td>10,000 sds</td>
<td>$30.10</td>
<td>(30C0)</td>
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</tbody>
</table>

AGROSTEMMA

CAUTION: SEED OR PARTS OF THE PLANT CAN BE DEADLY TO HUMANS AND ANIMALS. KEEP OUT OF REACH OF CHILDREN AND PETS.

ALCHEMILLA

ROBUSTICA - 5655
Perennial. 20-24 in. - 65,000 S. A. mollis. Attractive chartreuse-yellow flowers held in clusters above the scalloped shaped, velvety grey-green foliage famous for holding rain drops on its leaves looking like jewels for several hours. Well suited for commercial or home cut flowers or in dried arrangements. Zones: 4-7

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THRILLER (ENHANCED) - 5524EN
Perennial. 18 in. - 102,000 S. A. mollis. The grey-green hairy leaves are as decorative as the graceful lime-green flowers that are held in multiple clusters. Flowers June-July. For fresh or dried use. Enhanced seed for improved and more uniform germination. Zones: 3-7

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<tr>
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<td>1,000 sds</td>
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<tr>
<td>5,000 sds</td>
<td>$74.95</td>
<td>(29A0)</td>
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ALCHEMILLA

PERENNIAL.

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germanyseed.com

CAUTION: SEED OR PARTS OF THE PLANT CAN BE DEADLY TO HUMANS AND ANIMALS. KEEP OUT OF REACH OF CHILDREN AND PETS.

A C H E L M I L L A

ROBUSTICA - 5655
Perennial. 20-24 in. - 65,000 S. A. mollis. Attractive chartreuse-yellow flowers held in clusters above the scalloped shaped, velvety grey-green foliage famous for holding rain drops on its leaves looking like jewels for several hours. Well suited for commercial or home cut flowers or in dried arrangements. Zones: 4-7

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ALTERNANTHERA

17,000 sds/oz 72°-76° 3-5 days
Cover seed lightly with coarse vermiculite. Similar crop time and culture as cyclamen.

PURPLE KNIGHT - 1336
16-20 in. - 24,000 S. A. dentata. Seed version of a popular vegetative item. Striking dark purple foliage, with a spread of 24-36 in. Vigorous upright and spreading habit, excellent in mixed containers or as a border plant. Performs best in full sun to partial shade where foliage is the darkest; in light shade the foliage is more a bronze green. Exceptional heat tolerance, thriving in subtropical conditions. Weeks to flower: 11-12.

PURPLE PRINCE - 1334
14-16 in. - 17,000 S. First compact seed variety is an easy to grow alternative to vegetative. Beautiful foliage item. Burgundy-purple with ruby rose underside for a bicolor look. Great in Summer landscapes. Stands tough in heat and humidity with low water needs. Makes a good spiller in mixed containers. Weeks to flower: 7-8.

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BLUE DANUBE (PELLETED)
Crop failure. As a substitute, we suggest Aloha Blue.

BLUE HAWAII 5.0 (PELLETED)
Crop failure. As a substitute, we suggest Aloha Blue.

BLUE HORIZON (PELLETED) - 1317PE

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BLUE HORIZON (PELLETED) - 1317PE

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ALCHEMILLA
**ALYSSUM (continued)**

**ALYSSUM**

*Lobularia Maritima*

80,000 sds/oz  68°-72°  2-3 days

Will attract butterflies all season. We suggest you NEVER use Benlate on Alyssum. Do not cover seed after sowing, needs light to germinate.

**CLEAR CRYSTALS SERIES**

6-10 in. - 64,000 S.  Big, fragrant flowers and strong garden performance.  Film coated seed for ease of handling when sowing.

Lavender Shades - 1254
Purple Shades - 1255
White - 1256

Mixture - 1257  A well balanced mixture.

Each of the above: (30B0)  500 sds - $7.65
1,000 sds - $11.70  2,000 sds - $17.55
5,000 sds - $33.40  10,000 sds - $56.25

**EASTER BONNET SERIES**


Deep Pink - 1341
Rich rosy pink.

Deep Rose - 1338
Lemonade - 1389  (Formerly Allure Lemon Yellow).  Creamy, light yellow tones.

Peach - 1390  (Formerly Allure Bronze).  Pastel peach tones.

Violet - 1342
White - 1337

Mixture - 1343  (Formerly Easter Basket Mixture).  Complete mixture of all colors in the series.

Each of the above: (31B0)  1,000 sds - $7.25
2,000 sds - $10.40  5,000 sds - $18.45
10,000 sds - $30.10  25,000 sds - $61.85

Lavender - Crop failure.  As a substitute, we suggest Easter Bonnet Violet.

**GIGA WHITE - 1345**

* New for 2020  4-8 in. - Largest flowering tetraploid!  Bright, clear white flowers fragrant flowers.  Perfect for pots, baskets and borders.

500 sds - $7.25  1,000 sds - $9.80
2,000 sds - $14.10  5,000 sds - $25.60
10,000 sds - $42.30  (3A0)

**GOLD RUSH - 5170**


100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  (28B0)

**ALYSSUM (continued)**

**MOUNTAIN GOLD - 5531**

*Perennial.  4-6 in. - 17,000 S.  A. montanum.  Forms low, trailing mounds of silvery-grey leaves.  Bearing masses of golden-yellow flowers.  Perfect for rock gardens or spilling over the edge of a rock wall or container.  Zones: 3-9

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (31B0)

**ROYAL CARPET - 1366**

3-4 in. - 110,000 S.  (All America Winner - 1993).  Rich, violet-purple flowers on compact, spreading plants, 8-10 in. across.

5,000 sds - $8.10  10,000 sds - $11.65
25,000 sds - $21.45  50,000 sds - $38.55  (34A0)

**SAXATILE COMPACTUM - 5532**

*Perennial.  8-12 in. - 30,000 S.  *Aurinia saxatilis.  (Gold Dust). Produces a carpet of lovely deep golden flowers.  The spreading habit makes a perfect border edge or to cascade down walls.  The flowers a said to bear the scent of sweet hay.  Looks good on walls or in gravel.  Zones: 3-7

1,000 sds - $7.25  2,000 sds - $8.60
5,000 sds - $13.90  10,000 sds - $21.65
25,000 sds - $42.90  (31A0)

**SNOW CRYSTALS - 1367**

4 in. - 71,000 S.  Larger pure white flowering than standard varieties.  Early flowering with good shelf life.

1,000 sds - $6.75  2,000 sds - $14.30
5,000 sds - $27.45  10,000 sds - $46.85
25,000 sds - $99.95  (31D0)

**WONDERLAND SERIES**

4 in. - 100,000 S.  Very compact plant habit.  A nice uniform growing variety.

Deep Purple - 1362
Deep Rose - 1358
Lavender - 1364
Pink - 1331
White - 1360

Mixture - 1361

Mulberry Mixture - 1332
A formula blend of Deep Purple, Lavender, Pink, and White.

Each of the above: (31A0)  1,000 sds - $7.25
2,000 sds - $8.60  5,000 sds - $13.90
10,000 sds - $21.65  25,000 sds - $42.90

**AMARANTHUS (continued)**

**AMARANTHUS**

45,000 sds/oz  70°-75°  10 days

Do not cover after sowing, needs light to germinate.  Easily grown in dry, sunny locations and poor soil for the best color.  Water sparingly after plants are established.

**AURORA - 1279**

¢  24-60 in. - 35,500 S.  Stunning contrast between the dark green lower leaves and the flower-like upper leaves-looking for all the world like an oversized, yellow poinsietta flower.  Spectacular in a mass planting, especially when sunshine frames the soft yellow flowers against the dark green foliage.

250 sds - $7.25  500 sds - $11.75
1,000 sds - $16.95  2,000 sds - $27.70
5,000 sds - $55.55  (29A0)

**AUTUMN’S TOUCH - 1289**

¢  36-48 in. - 35,500 S.  *A. cruentus.  Blending perfectly into the late summer and autumn landscape, the giant 2-foot plumes atop this red amaranth combine soft pistachio-green and bronze tones to create restful, airy beauty in the sunny annual bed.

The color shades form more intense green at the base to lighter celery hues and bronze at the tips.  Unusual and so pretty.  Perfect for cutting for fresh or dried arrangements, these massive blooms last for many weeks on the plant, delighting the songbirds who flock to feast on their seeds all fall.

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (31B0)

**CASCADE SERIES**


Green - 1291
Red - 1287

**DREADLOCKS - 1285**

36 in. - 52,000 S.  *A. cruentus.  A showstopping plant that steals the scene in garden or vase.  A joyously bright, floriferous, unique plant you won’t want to miss.  Not only are its magenta blooms eye-catching bright, but its distinctively weeping habit sets it apart from every other plant in the annual bed and begs to be used in fresh and everlasting bouquets indoors.  An upright plant but its flowerstems point straight down, however, reaching 3 feet to brush the garden floor.  All along the stems, flowers cascade down walls.  The flowers are said to walk on their plants, delighting the hardy young who flock to feast on their seeds all fall.

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (31B0)

**AMARANTHUS (continued on next page)**
AMARANTHUS (continued)

EARLY SPLENDOR - 1286
36-48 in. - 48,000 S. A. tricolor. Bright crimson red on bronze leaves. A remarkable improvement over Molten Fire or Aurora. Not only does color appear more than 2 weeks earlier, but is more brilliant than Molten Fire.

FLAMINGO - 1276
48 in. - 41,500 S. A. tricolor. Vigorous and upright with lance-shaped leaves in bright red, crimson and bronze. Terminal flowers with flat tops are red or green. Ideal colorful border plant or in containers for patio accent.

GREEN TOWER - 1271
44 in. - 35,000 S. A. cruentus. This will make you do a double take and its design possibilities are almost endless. Each bloom column measures 16-20 in. long and several inches thick, every lot of space jammed with rich color. The stems are fascinating in fresh arrangements and can be dried for winter long color. They look like tipiary, but these velvety columns never need shearing. Create an instant focal point for the annual bed or border and is at home among small shrubs and foliage plants as well.

HOT BISCUITS - 1290
48-60 in. - 38,000 S. A. cruentus. Fast growing, producing gorgeous, 2 ft. cinnamon orange plumes. Simple leaves and tiny flowers borne in dense, erect or pendulous, catkin-like inflorescences in summer and autumn.

OESCHBURG - 1281

RED CATHEDRAL SUPERIOR - 1282
48-50 in. 45,500 S. A. cruentus. Huge, upright, blood red spikes on sturdy stems. Easy to grow, long-lasting flowers. For use fresh or dried.

SHORT SERIES
41,000 S. A. hypochondriacus. Upright, long-lasting spikes for summer blooming. Full sun.

AMARYLLIS (continued)

SPLENDENS PERFECTA (TRICOLOR) - 1277
48-60 in. - 56,500 S. A. tricolor. A rainbow of bright foliage and tall, erect habit. The upper foliage is a brilliant display of scarlet and yellow, tops the base of yellow, green and chocolate-brown. Perfect for the back of the border, bedding or even among shrubs.

AMMI
35,000 sds/oz 65 ° 14 days
After sowing, do not cover seeds with media, light will help germination. Alternate temperature of 80° days and 65° nights.

DARA - 1384

GREEN MIST - 1371
30-36 in. - 43,000 S. A. visnaga. Pretty 4-4 3/4 in. pale green to white flower heads of heavy substance. Very useful as a cut flower.

MAJUS - QUEEN ANNE'S LACE - 1370
36 in. - 45,000 S. A. vulgaris. Beautiful white flowers on 6 in. flattened clusters. Very easy to grow. An excellent cut flower.

QUEEN OF AFRICA - 1372
40-60 in. - 48,000 S. A. eritrichoides. Huge, upright, orange plum colored flowers. For use fresh or dried.

AMBOBIUM
50,000 sds/oz 65-68° 10 days

GRANDIFLORUM - 1335
24-30 in. - 55,500 S. Heat and drought resistant strawflower. Small, bright white, papery blooms with yellow centers top silvery, grey-green wooly stems. Plants are a bit rangy, but produce masses of blooms. For use in the border or for cutting.

NEW ITEM THIS YEAR  |  CUT FLOWER  |  1ST YEAR FLOWERING PERENNIAL

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed.com
ANGELONIA
72-75° 5 days
Do not cover or bury seeds. Light will help germination, seeds will not germinate in the dark. Keep soil moist but do not saturate during germination.

SERENA SERIES
10-12 in. - (F-1 Hybrid). A. angustifolia. First Angelonia from seed. Continuous bloomer, branches well with no deadheading required. Will be more vigorous and taller in hot and humid areas. Low maintenance and easy care in landscape. Weeks to flower: 14-17. PELLETED SEED.

Blue - 1216PE Improved for 2020!
Purple - 1214PE Improved for 2020!
Rose - 1218PE Deep rose with dark eye.
White - 1215PE
Mixture - 1211PE All colors in series.
Waterfall Mixture - 1217PE Includes purple, white and sky blue, which is not yet available as a separate color.

SERENITA SERIES

Lavender - 1229PE
Lavender Pink - 1221PE Slightly more rose pink than lavender.
Pink - 1226PE (All America Winner - 2014). Unique deep pink.
Purple - 1222PE Rich purple, slightly deeper than Serena Purple.
Raspberry - 1223PE
Rose - 1228PE Deep to mid-rose shades.
Sky Blue - 1227PE Attractive color. Lighter than Serena Blue and distinctive from Serenita Purple.
White - 1224PE Pure white.
Mixture - 1225PE A complete formula mixture.

Each of the above - (25H0) 25 sds - $11.30
50 sds - $21.35 100 sds - $32.65
250 sds - $66.55 500 sds - $113.95

ANTHEMIS
Hardy Marguerite
30,000 sds/oz 65°-70° 3 weeks
Relatively drought tolerant, and adapts well to poor soils. Removing faded flowers regularly will greatly increase blooming time. If plant becomes floppy in mid-summer, shear them back to 6 inches to rejuvenate.

ST. JOHANNIS - 5549
Perennial. 24 in. - 31,000 S. A. sanctijohannis. A bushy mound of ferny green scented foliage, bearing loads of small bright golden orange daisies.

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AQUILEGIA
Columbine, Granny’s Bonnet
15,500 sds/oz 80° day - 70° night 3 weeks
For best germination, refrigerate seeds for a few weeks before sowing. Light helps germination. Saw seeds and do not cover with media. Maintain 70° night and 80° day soil temperature with even moisture. Blooms May-July. Will attract hummingbirds all season and repel deer and rabbits from the garden. The State flower of Colorado.

ALPINA - 5555
Perennial. 18 in. - 17,000 S. A. alpina. Compact with small clusters of charming, bonnet-shaped blue flowers with stubby inch-long spurs and yellow anthers on slender stalks. Zones: 4-7

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BARLOW SERIES
30 in. - 17,500 S. A. vulgaris. First series with fully double, spurless flowers, the highly uniform plants produce 3-5 stems in the first year and 5-10 stems in the second year. In the garden, the attractive plants and wide color spectrum are good for backgrounds and home cut flower gardens. Zones: 3-9

Nora - 5558 Pink and white flowers with touches of red and green.

Mixtures - 5033 Each of the above - (28A0)
200 sds - $10.70 500 sds - $17.70
1,000 sds - $27.85 2,000 sds - $49.55

BIEDERMEIER MIXTURE- 5560
Perennial. 16 in. - 18,000 S. A. sibirica. Spurred double and single, star-shaped upward facing flowers. Colors include bright shades of Cream, Deep Red, Lilac, Pink and Violet. Ideal for border gardens, rock gardens and a source of nectar to attract birds and butterflies. Zones: 2-8

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CANADENIS - 5562
Perennial. 18 in. - 30,000 S. A. canadensis. (Eastern Columbine). A nodding, red and yellow flower with upward spurred petals alternating with spreading, colored sepals and numerous yellow stamens hanging below petals. The compound leaves, divided into round-lobed threes and are attractive in their own right. Zones: 3-8

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MC KANA’S GIANT - 5564
Perennial. 24 in. - 22,000 S. A. caerulea. (All America Winner - 1955). Large, showy extra long-spurred flowers in a gay mixture of colors. One of the showiest of all columbines. Zones: 3-9

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</table>

CHYSANTHA - 5557
Perennial. 30 in. - 24,500 S. A. chrysantha. (Golden Queen). Mounds of mid-green, maidenhair-like foliage and large, soft golden-yellow flowers. The large blooms, each with long swept back spurs are upward facing and can measure 3 in. across.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Price</th>
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<tbody>
<tr>
<td>250 sds</td>
<td>$7.25</td>
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<td>500 sds</td>
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<td>1,000 sds</td>
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<td>2,000 sds</td>
<td>$27.70</td>
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<tr>
<td>5,000 sds</td>
<td>$55.55</td>
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EARLYBIRD SERIES
Perennial. 9-11 in. - (F-1 Hybrid). Controlled habit, with relatively short stems on well-mounded plants. Low cold requirements and short juvenility for growing in warm Winter climates. A flowering window of 10-12 days, plus a short harvest window, makes an excellent choice for early Spring programs. Zones: 3-9

Purple Yellow - 5544 New for 2020
Red Yellow - 5546 New for 2020

GRANDMOTHERS GARDEN - 5066
Perennial. 24-30 in. - 17,000 S. A. vulgaris. Frilly, nodding flowers have short, hooked spurs that are different from the hybrids which have long, pointed spurs. This is a lovely vintage variety with a mix of pale rose, violet, and wine-red flowers. Zones: 3-9

<table>
<thead>
<tr>
<th>Amount</th>
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<tbody>
<tr>
<td>250 sds</td>
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<td>500 sds</td>
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<td>1,000 sds</td>
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<td>2,000 sds</td>
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<tr>
<td>5,000 sds</td>
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</tbody>
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ORIGAMI SERIES
Crop failure. As a substitute, we suggest Songbird Series.

AQUILEGIA (continued)

NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL
AQUILEGIA (continued)

SONGBIRD SERIES

1. Perennial. 24-28 in. - 20,000 S. A. hybrida. (F-1 Hybrid). Very early flowering beautiful 2 1/2-3 in. flowers in late spring and early summer with compact growth habit. An outstanding series that will flower the first year. Weeks to flower 26-32. Zones: 3-9

Bluebird - 5540  1 Light blue and white.
Cardinal - 5034  1 Red and white.
Nightingale - 5025  1 Violet and white.
Robin - 5543  1 Pink and white.
Mixture - 5548  1

Each of the above: (25C0) 25 sds - $9.10
50 sds - $15.95 100 sds - $23.70
250 sds - $46.90 500 sds - $79.30

STAR RED (CRIMSON STAR) - 5552


500 sds - $8.30 1,000 sds - $13.55
2,000 sds - $20.95 5,000 sds - $41.10
10,000 sds - $70.15 (30C0)

YELLOW QUEEN - 5680

Perennial. 30 in. - 27,000 S. A. chrysantha. An awesome number of large, long spurred, fresh lemon-yellow flowers over very attractive fern-like leaves. The most blosomiferous and longest bloomer of all varieties. Zones: 3-10

250 sds - $7.25 500 sds - $11.75
1,000 sds - $16.95 2,000 sds - $27.70
5,000 sds - $55.55 (29A0)

ARENARIA

Sandwort
18,000 sds/oz 65°-70° 2 weeks
Low, alpine cushion plant with small, white flowers that resemble 5-pointed stars. Easily grown in rock gardens or as a ground cover. Thrives under moist conditions.

MONTANA - 5571

Perennial. 6 in. - 23,000 S. A. montana. A very classy little alpine or rock garden plant, that forms a low evergreen cushion of dark green leaves, bearing loads of rather large snowy-white flowers. Great for edging paths, between flagstones, in walls or trough gardens. Blooms April-July. Zones: 2-9

25 sds - $12.10 50 sds - $23.10
1,000 sds - $36.25 2,000 sds - $62.95
5,000 sds - $132.85 (29E0)

ARMERIA

Thrift, Sea Pinks
28,000 sds/oz 60°-65° 2 weeks
For the best germination, soak seeds in water 48 hours before sowing. Full sun and dry, light soil with good drainage. A low, mounding plant with grass-like evergreen leaves. Long stems bear 1 in. in diameter spherical heads with many small 5-petaled flowers. Blooms May-August.

BALLERINA SERIES

1. Perennial. 6-8 in. - 25,000 S. A. pseudarmeria. Clean seed. This variety is early flowering and will produce an abundance of beautiful ball-shaped flower heads on short, strong stems. High in uniformity and compactness habit with heat tolerance. Weeks to flower: 12-14. Zones: 7-9

Lilac - 5145
Red - 5146

Each of the above: (28B0) 100 sds - $7.25
200 sds - $12.20 500 sds - $20.70
1,000 sds - $33.10 2,000 sds - $59.65

MARITIMA SPENDENS - 5573

Perennial. 8 in. - 35,000 S. A. maritima. Clean Seed. Compact, dense, tufted evergreen with stiff, grass like dark green leaves and slender, erect stems bearing compact, rounded clusters of reddish-pink flowers. Zones: 3-9

250 sds - $7.25 500 sds - $11.75
1,000 sds - $16.95 2,000 sds - $27.70
5,000 sds - $55.55 (29A0)

MORNING STAR SERIES


Deep Rose - 5118
White - 5114

Each of the above: (28D0) 100 sds - $7.25
200 sds - $12.20 500 sds - $20.70
1,000 sds - $33.10 2,000 sds - $59.65

ASARINA

Twining Snapdragon
100,000 sds/oz 70° 15 days
For the best germination, cover seeds lightly. Light will help germination.

ASARIS

Rock Cress
70,000 sds/oz 2 weeks
Light will germination. Beautiful in rock gardens. Blooms April - July. Will attract butterflies all season. Ideal for planting around banks or ponds.

ALPINA SNOWCAP - 5566

Perennial. 6 in. - 105,000 S. A. caucasica. A dwarf, mat forming evergreen literally covered with pure white flowers from mid spring into summer. Beautiful as a ground cover or in a rock garden. Zones: 4-9

1,000 sds - $7.25 2,000 sds - $10.40
5,000 sds - $18.45 10,000 sds - $30.10
25,000 sds - $61.85 (31B0)

BARRANCA DEEP ROSE - 5569


BARRANCA PINK - 5570


COMPINKIE - 5568

Perennial. 6 in. - 108,000 S. A. caucasica. A vigorous evergreen produces a mat of tiny, fuchsia-pink, each mildly fragrant with small, oval, light gray-green leaves that are slightly hairy and held on loose rosettes along trailing stems. Zones: 5-8

Each of the above: (28B0) 100 sds - $7.25
200 sds - $12.20 500 sds - $20.70
1,000 sds - $33.10 2,000 sds - $59.65

JOAN LORAINE - 1012

Climber. 48-96 in. - 83,000 S. A. scandens. From Mexico comes this beautiful and graceful climber with attractive soft green leaves, bearing large 2 in. deep purple-blue flaring trumpets. Fast growing and great on a trellis, in pots, or climbing over a rock wall.

SKY BLUE - 1013

Climber. 60 in. - 83,000 S. A. scandens. Easy to grow. Large 2 in. Gloxinia shaped flowers in a beautiful shade of sky blue are held above deep green foliage on twining stems. Grows in full to part sun. Makes excellent container plants trailing from baskets and window boxes.

Each of the above: (26A0) 50 sds - $7.55
100 sds - $12.35 250 sds - $22.20
500 sds - $33.75 1,000 sds - $57.40

Asarina Joan Loraine

Asarina Joan Loraine

Armeria Ballerina Red

Armeria Ballerina Lilac
ARUNCUS
Goat’s Beard
235,000 sds/oz  60°  15-20 days
Easily grown in average, medium to wet, well-drained soil in full sun to part shade. Prefers part shade, particularly in the southern part of its growing range and moist fertile soils.

DIOECUS - 5578
♂ Perennial. 60 in. - 235,000 S. A. dioicus. Dense feathery plumes of tight creamy-white flowers rise well above the decorative finely-cut foliage. Will create a bold, showy effect for a moist or partly shaded spot all season. Excellent for backgrounds or groupings in a woodland setting. Blooms May-July. Zones: 3-9
   1,000 sds - $7.25  2,000 sds - $10.40
   5,000 sds - $18.45  10,000 sds - $30.10
   25,000 sds - $61.85  ($180)

NOBLE SPIRITS - 5640
Perennial. 10 in. - 250,000 S. A. aethusifolius. Very compact habit with elegant ferny leaves that are held in a neat dense globular habit. Plants are covered with finely-cut foliage. Will create a bold, showy effect for a moist or partly shaded spot all season. Nice cut flower with long vase life. Will attract butterflies and hummingbirds all season. Zones: 3-8
   500 sds - $7.65  1,000 sds - $11.70
   2,000 sds - $17.55  5,000 sds - $33.40
   10,000 sds - $65.25  ($308)

ASCLEPIAS (continued)

HELLO YELLOW - 5108
♂ Perennial. 20 in. - 4,500 S. A. tuberosa. (Butterfly Milkweed). This drought-tolerant deciduous species makes a mound of stems clothed with index finger-sized green leaves. The flower colors range from lemony yellow to tangerine/yellow, you won’t know until they flower which shade of yellow they will be. Zones: 4-9
   25 sds - $9.10  50 sds - $15.95
   100 sds - $23.70  250 sds - $46.90
   500 sds - $79.30  (25C0)

GAY BUTTERFLIES MIXTURE - 5046
♂ Perennial. 36-48 in. - 6,000 S. A. tuberosa. (Butterfly Milkweed). Tiny blossoms in shades of orange, red, pink or lemon yellow. Will attract butterflies all season. Weeks to flower: 12-16. Zones: 4-9
   50 sds - $10.40  100 sds - $19.60
   250 sds - $38.20  500 sds - $59.95
   1,000 sds - $104.65  (26E0)

ICE BALLET (WHITE) - 5591
♂ Perennial. 40-48 in. - 5,000 S. A. incarnata. (Swamp Milkweed). Forms gorgeous clouds clustered with small, fragrant tiny white 1/4 in. flowers. After the flowers come attractive seed pods, which release silky-haired seeds borne by the wind. Zones: 3-8

MILKMAID - 5126
♂ Perennial. 40 in. - 4,000 S. A. incarnata. (Swamp Milkweed). Beautiful clusters of creamy-white diminutive flowers atop medium-green, strong stems surrounded by spear shaped foliage with lighter green midribs and lacy veining. Zones: 3-8

PHYSOCARPUS HAIRY BALLS - 5614
♂ Perennial. 42-48 in. - 5,500 S. syn. Gomphocarpus p. (Balloon Cottonbush). A tender perennial grown primarily for the decorative red as the seed pods ripen. Zones: 3-8

TUBEROZA - 5576
♂ Perennial. 24 in. - 7,000 S. A. tuberosa. (Butterfly Milkweed). Perennial plant of the year. A virtually hassle-free, very long lived perennial, offering three months of tangerine-orange blooms (occasionally red or yellow) from early spring through late summer. Excellent for dry spots in the border or on the banks. Weeks to flower: 12-16. Zones: 4-9
   250 sds - $8.55  500 sds - $14.60
   1,000 sds - $21.85  2,000 sds - $36.55
   5,000 sds - $79.95  (28F0)

ORDER ONLINE at germaniaseed.com

Place your Seed or Plug order online, 24 hours a day, 7 days a week
ASPARAGUS
1,000 sds. sds/oz  55°  21-45 days
For the best germination results, we suggest scratching the seed coat on a sheet of sandpaper and soaking in warm water for 72 hours before sowing. Change the water daily. Direct seed in pots or plugs, cover 1/8 in. with medium vermiculite. Keep moist, 80° soil temperature over the 3 week germination period.

MEYERI - 1379
12-36 in. - 500 S. A. densiflorus. (Foxtail Fern). An unusual and novel pot plant. Long, upright, plume-like stems hold soft, needle-like leaves. Develops red ornamental berries in fall. Semi-evergreen in mild winter regions; use in containers and overwinter indoors in cold winter regions. Handling and germination is similar to Sprengeri but growth is slightly slower.

GIAN TWIN S PRINCESS M IXTURE - 1463
30 in. - 13,000 S. The breeder of these giant flowered Asters was awarded with more than 40 gold medals in Germany and other foreign exhibitions. Fully double flowers with crested or cushioned Anemone centers, approx. 5 in. across are carried on strong stems. A very valuable class for cut flower purposes, blooming late in August.

HULK (LIME GREEN) - 1454
20-24 in. - 9,500 S. No petals, only long green bracts around 1-1/2 in. yellow centers. Numerous sturdy stems, long-lasting vase life.

PLUMOSUS NANUS - 1378
36 in. - 1,000 S. A. setaceous. A beautiful foliage plant with feathery leaves growing on cascading vines. The plant bears white flowers and red berries in the summer months. Great container or indoor growing plant.

S PRENGERI - 1377
18-24 in. - 600 S. A. densiflorus. Trailing stems of feathery, needle-like foliage. Ideal as a beautiful house plant for a hanging basket. Great for pots and planters. Creates the perfect complement to flowery companions or other foliage.

S PRENGERI COMPACTA - 1380
New for 2020 12-24 in. - A very popular, low-growing plant. Dense, shiny green, needle-like foliage displayed on arching stems is contrasted by bright red, ornamental berries in fall. Good ground cover or hanging baskets. Can be used to trail over retaining walls. Zones: 9-11

30% Discount Off Your Seed Orders of $500 or more when booked by Oct 31st!
PLUS! 30% off future orders of $250 or more until June!

ASTER
12,000 sds/oz  70°  1 week
Will bloom in about 90 days from seeding without any supplemental lighting, as they are day length neutral. For Pots and Bedding. For spring bedding, sow 6-8 weeks before selling season. Will attract butterflies and songbirds all season.

GIANT PRINCESS M I XTURE - 1463
30 in. - 13,000 S. The breeder of these giant flowered Asters was awarded with more than 40 gold medals in Germany and other foreign exhibitions. Fully double flowers with crested or cushioned Anemone centers, approx. 5 in. across are carried on strong stems. A very valuable class for cut flower purposes, blooming late in August.

1,000 sds  $7.25  2,000 sds  $10.40
5,000 sds  $18.45  10,000 sds  $30.10
25,000 sds  $61.85 (31B0)

HULK (LIME GREEN) - 1454
20-24 in. - 9,500 S. No petals, only long green bracts around 1-1/2 in. yellow centers. Numerous sturdy stems, long-lasting vase life.

100 sds  $9.30  200 sds  $16.55
500 sds  $29.65  1,000 sds  $48.85
2,000 sds  $89.90 (28E0)

MATSUMOTO SERIES
24-30 in. - 16,000 S. Intense colors with distinct yellow centers. Bred from the original Kurenai types. The flowers are about 2 in. in diameter, upright flowering, strong stems, and heat resistant. Excellent cut flower.

MIXTURE - 1419
Each of the above: (29A0) 250 sds  $7.25
500 sds  $11.75  1,000 sds  $16.95
2,000 sds  $27.70  5,000 sds  $55.35 (28A0)

POWDERPUFFS M I XTURE - 1455
24 in. - 17,000 S. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems. Habit allows entire plant to be cut as one bunch.

500 sds  $7.25  1,000 sds  $9.80
2,000 sds  $14.10  5,000 sds  $25.60
10,000 sds  $42.30 (30A0)

PRINCESS M I XTURE - 1494
28 in. - 13,000 S. Outstanding cut flower. A proven cut variety with strong, well-branched habit. The tubular flowers are encircled by a ring of broad petals. The 4 in. dome-shaped flower heads are heightened encircled by a ring of broad petals. The 4 in.

500 sds  $7.25  1,000 sds  $9.80
2,000 sds  $14.10  5,000 sds  $25.60
10,000 sds  $42.30 (30A0)

30% Discount Off Your Seed Orders of $500 or more when booked by Oct 31st!
PLUS! 30% off future orders of $250 or more until June!

ASTER, HARDY
19,000 sds/oz  70°-75°  2-3 weeks
For the best germination, refrigerate seed for 5 days before sowing. Light will help germination. Blooms May - August the same year from sowing. Nice cutflower. Will attract butterflies and songbirds all season and will help repel deer.

GOLIATH - 5582
Perennial. 12-15 in. - 19,000 S. A. alpinus. Beautiful pale lilac -blue daisy-like flowers with yellow eyes at the ends of the stems. Slender ray petals and golden discs are singly borne atop short, sparsely leaved stems. Perfect for the rock garden or the edge of a path. Deer resistant. Zones: 2-9

50 sds  $7.25  1,000 sds  $9.80
2,000 sds  $14.10  5,000 sds  $25.60
10,000 sds  $42.30 (30A0)

M I XTURE - 5581
Perennial. 12 in. - 20,000 S. A. alpinus. Lavender, blue and white flowers. Ideal rockery plant, blooms in early summer. Zones: 2-7

1,000 sds  $7.25  2,000 sds  $10.40
5,000 sds  $18.45  10,000 sds  $30.10
25,000 sds  $61.85 (31B0)

SEPTEM BER RUBY - 5585

250 sds  $7.25  500 sds  $11.75
1,000 sds  $16.95  2,000 sds  $27.70
5,000 sds  $55.55 (29A0)

ZIG ZAG - 5586
Perennial. 36 in. - 50,000 S. A. prenanthoides. One of the handsomest wildflower for fall. Named after the curious twist in its leaves, but the real news here is its flowers. They are a lovely pastel lavender with a stunning bright yellow center, and they are not tiny. The blooms are much like other favorites, making it perfect for your wildflower garden. Great color for late season. Zones: 3-8

500 sds  $7.25  1,000 sds  $9.80
2,000 sds  $14.10  5,000 sds  $25.60
10,000 sds  $42.30 (30A0)

ASTRANTIA
Masterwort
7,000 sds/oz  60°  15-20 days
For best germination, freeze seed for 5 days before sowing and darkness will help germination. Alternate soil temperature 60° days, 50° nights. Nice cut flower. Will flower June-August.

ROSE - 5604
Perennial. 30 in. - 8,000 S. A. major. (Rose Symphony). Beautiful bright rose-red flowers have a shimmering metallic quality. Strong upright stems. Zones: 4-8

50 sds  $7.55  100 sds  $12.35
250 sds  $22.20  500 sds  $33.75
1,000 sds  $57.40 (26A0)
AUBRIETIA
Rock Cress
100,000 sds/oz  65° - 70°  2 weeks
After sowing, light will help germination. Likes semi-shade. Fine for the border, bed or rockery where spreading plants are desired. Starts blooming in early spring. Outstanding garden performance. Beautiful in rock gardens. Will bloom April-June.

CASCADE SERIES

Perennial. 4 in. - 68,500 S. A. deltoidea. (Royal Cascade). An old and reliable variety that produces large flowers. Forms a low carpet of evergreen leaves, literally smothered by flowers. Zones: 4

Blue - 5600
Red - 5603 Carmine-red.
Each of the above: (30B0) 500 sds - $7.65
1,000 sds - $11.70 2,000 sds - $17.55
5,000 sds - $33.40 10,000 sds - $56.25

LARGE FLOWERED GRANDIFLORA MIX - 5593
Perennial. 6 in. - 77,000 S. A. hybrida. Beautiful, large flowers in shades of blue, lavender, pink, purple and rose. Wonderful groundcover, smoothing the area in blooms, creating a stunning backdrop for spring flowering bulbs. Excellent in the rock garden. Zones: 4-9

1,000 sds - $7.25 2,000 sds - $8.60
5,000 sds - $13.90 10,000 sds - $21.65
25,000 sds - $42.90 (31A0)

PURPLE GEM - 5597
Perennial. 6 in. - 50,000 S. A. grandiflora. Compact plants with glowing purple, four petal flowers which bloom in spring and again in late summer. Makes a lovely edging in a sunny border. Lovely spilling out of crevices or over rocks. Zones: 4-8

WHITEWELL GEM - 5595
Perennial. 6 in. - 50,000 S. A. grandiflora. Glowing purple color makes this traditional favorite rockery plant. Makes a lively edging in a sunny border. Flowers vary from shades of purple to violet, over grey-green leaves. Excellent choice for a rock garden in sun or part shade, growing over rock walls, or in alpine troughs and other containers. Zones: 4-8

Each of the above: (31B0) 1,000 sds - $7.25
2,000 sds - $10.40 5,000 sds - $18.45
10,000 sds - $30.10 25,000 sds - $61.85

BALSAM

COLOR PARADE MIX - 1488
12-18 in. - 3,000 S. Impatiens balsamina. (Tom Thumb). 10-12 days. More dwarf and compact than regular Bush Balsam with larger double flowers well displayed above the foliage.

500 sds - $7.65 1,000 sds - $11.70
2,000 sds - $17.55 5,000 sds - $33.40
10,000 sds - $56.25 (30B0)

BACOPA

BLUTOPIA (MULTI-SEED) - 1793MP
6 in. - (F-1 Hybrid). Sutera cordata. Eye catching lavender-blue flowers. Trailing habit with slightly smaller leaves and more mound than Snowtopia. MULTI-SEED PELLET contains 5-6 seeds per pellet.

PINKTOPIA (MULTI-SEED) - 1789MP
6 in. - (F-1 Hybrid). Sutera cordata. Bright pink with leaf size the same as Snowtopia, but the leaf color is more bright green than both Blutopia and Snowtopia. Great color for mixed containers and large planters. MULTI-SEED PELLET contains 5-6 seeds per pellet.

SNOWTOPIA (MULTI-SEED) - 1794MP
6 in. - (F-1 Hybrid). Sutera cordata. Beautiful white flowers. Trailing habit with larger leaves and more prostrate than Blutopia. MULTI-SEED PELLET contains 5-6 seeds per pellet.

Each of the above: (25F0) 25 sds - $10.40
50 sds - $19.60 100 sds - $29.65
250 sds - $60.10 500 sds - $102.40

BACOPA, FUSEABLES

MULTI-SPECIES COLLECTION
Specially formulated to deliver a balanced mix of single species choices. Perfect for growing in color bowls, hanging baskets or large patio containers. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

Utopia (multi-seed) - 1792MP
Includes Blutopia and Snowtopia.

25 sds - $11.30
100 sds - $32.65
500 sds -$113.95 (25H0)

BAPTISIA

False Indigo
1,700 sds/oz  70°  3 weeks
Soak seed in warm water 48 hours and freeze for 5 days before sowing. Will attract butterflies all season.

AUSTRALIS - 5611
Perennial. 24 in. - 2,000 S. B. australis. (Blue False Indigo). A spectacular specimen in the flower garden. Blue-green foliage resembles a small rounded bush with tall spikes of deep blue, lupine-like flowers. Showy large charcoal black seed pods appear in late summer that are often used in flower arrangements. Not fond of lime. Adaptable to the seashore. Deer resistant. Zones: 3-9

250 sds - $8.55 500 sds - $14.60
1,000 sds - $21.85 2,000 sds - $36.55
5,000 sds - $74.95 (29B0)

WHITE - 5610
Perennial. 48 in. - 2,000 S. B. leucantha. (White False Indigo). Spikes of creamy-white flowers towering above mounds of sea-green foliage. Black seed pods develop from the flowers in late summer. Attractive accent plant in a wildflower garden. Makes an excellent background for other late-flowering perennials. Zones: 3-8

100 sds - $7.25 200 sds - $10.70
500 sds - $17.70 1,000 sds - $27.85
2,000 sds - $49.55 (28A0)

$3.29 PER 100 COLOR PIXIE TAGS

on all orders thru 12/25 with total purchases of $250 or more in seeds & plants

NEW ITEM THIS YEAR  |  CUT FLOWER  |  1ST YEAR FLOWERING PERENNIAL

13
BEGONIA

2,000,000 sds/oz  75° - 80°  2 - 3 weeks
Sow November -February for May-June sales. Seed germinates best if soil temperature is kept at 75°-80° during germination period, with bottom heat. Well cleaned seed from specialists. Use a non-acid peat for germination; no covering over the seed, except paper for shade until they sprout. Keep surface of flat moist. Should be grown at 60° to keep them moving, need shade during the summer, a well shaded house high in humidity is recommended. Sow during November/December and January for 3 in. and 4 in. for spring sales. A strong 3 in. pot can be produced from seed in about 4 months. Makes a nice inexpensive pot plant through out the year for your retail trade. (Start to feed seedlings lightly as soon as they are established. Be sure to protect the tender leaves from direct sunlight.)

BABYWING SERIES
Discontinued - As a substitute, we suggest Big Series.

BADA BING SERIES
8-10 in. - (F-1 Hybrid). GREEN FOLIAGE. 10-14 days earlier than the market leaders. Very uniform to flower across the series. Strong branching habit fills in pots quickly. Loaded with flowers. Perfect for big beds with multiple light conditions. Weeks to flower: 12-14. PELLETED SEED.

Pink - 1528PE  Rose - 1529PE  Rose Bicolor - 1530PE  Scarlet - 1531PE  Improved for 2020!
White - 1532PE  Improved for 2019!
Mixture - 1533PE
Complete mixture of all colors.

BADA BOOM SERIES
8-10 in. - (F-1 Hybrid). BRONZE FOLIAGE. 10-14 days earlier than the market leaders. Very uniform to flower across the series. Strong branching habit fills in packs and pots quickly. Loaded with flowers. Perfect for big beds with multiple light conditions. Weeks to flower: 12-14. PELLETED SEED.

Pink - 1549PE  Rose - 1550PE  Rose Bicolor - 1554PE  Scarlet - 1551PE  White - 1552PE  Mixture - 1553PE
Complete mixture of all colors.
Each of the above: (290A) 250 sds - $7.25 500 sds - $11.75 1,000 sds - $16.95 2,000 sds - $27.70 5,000 sds - $55.55

Megawatt Series
20-28 in. - (F-1 Hybrid). Striking, non stop flowers keep plants covered in huge color all through the Summer. Sturdy stems hold flowers above the foliage for superior show versus others. Bronze leaf varieties are faster to flower than the Green leaf varieties. Beautiful plants with lush foliage are perfect for landscapes, baskets, big tubs and borders. Performs well in heat/drought with no deadheading needed. Weeks to flower: 6-9. PELLETED SEED.

(25E0) 25 sds - $10.20 50 sds - $18.70 100 sds - $28.15 250 sds - $56.70 500 sds - $96.60

BEGONIA (continued)

DRAGON WING SERIES
12 in. - (F-1 Hybrid). Green foliage. Very heat tolerant angel-wing type specimen that is outstanding in hanging baskets, containers or bedding. Large, wing shaped glossy green foliage. PELLETED SEED.

Pink - 1501PE  Red - 1500PE
Large scarlet flowers. Each of the above: (25GO) 25 sds - $10.90 50 sds - $20.55 100 sds - $31.15 250 sds - $63.25 500 sds - $108.15

BIG SERIES
12 in. - (F-1 Hybrid). B. x benariensis. Early flowering. This series offers big flowers, big container appeal and even bigger landscape potential. Large, showy flowers above glossy bronze and green foliage. Season long color in sun and shade. BIg series is a must have for any grower. Weeks to finish: 14 weeks for 6 in. pots. Color can be reached in as little as 12 weeks. PELLETED SEED.

Deep Rose / Bronze Leaf - 1691PE  New for 2020

Bronze Leaf  Green Leaf
Red - 1561PE  Red - 1557PE  Rose - 1559PE  Rose - 1560PE  Pink - 1556PE  Pink - 1563PE
Unique color.

Begonia

Megawatt Series
Plug Crop Time: 7 to 8 weeks
Transplant to finish: 7 to 9 weeks

- All Megawatt varieties match competing begonias in size and timing…but get plants to market earlier!
- Striking, non-stop flowers keep plants covered in huge colour from Spring through Autumn...even in heat and drought.
- Sturdy flower stems hold flowers above the foliage for superior show versus others.
- Beautiful plants with lush foliage show well at retail and are perfect for landscapes, baskets, big tubs and borders.

Order Online at germaniaseed.com
BEGONIA (continued)

**MEGAWATT SERIES**

20-28 in. - (F-1 Hybrid). Striking, non stop flowers keep plants covered in huge color all through the Summer. Sturdy stems hold flowers above the foliage for superior show versus others. Bronze leaf varieties are faster to flower then the Green leaf varieties. Beautiful plants with lush foliage are perfect for landscapes, baskets, big tubs and borders. Performs well in heat/drought with no deadheading needed. Weeks to flower: 6-9. PELLETED SEED.

Pink / Bronze Leaf - 1556PE
Unique color.

Pink / Green Leaf - 1563PE
Red / Bronze Leaf - 1561PE
Red / Green Leaf - 1557PE
Rose / Bronze Leaf - 1559PE
Rose / Green Leaf - 1560PE

Each of the above: (2500) 25 sds - $10.20
50 sds - $18.70 100 sds - $38.15
250 sds - $56.70 500 sds - $96.60

**SAN FRANCISCO (PELLETED) - 1521PE**

12 in. - (F-1 Hybrid). B. biolivensi. Unique and tough. Beautiful, drooping, bright salmon flowers on short stems with obliquely angled, lanceolate leaves composed of four pointed segments. Ideal for pots, hanging baskets and mixed containers.

50 sds - $7.55 100 sds - $12.35
250 sds - $22.20 500 sds - $33.75
1,000 sds - $57.40

**BEGONIA (continued)**

**SANTACRUZ (PELLETED) - 1541PE**

12 in. - (F-1 Hybrid). B. bolliviensis. Prepare to be dazzled by the big, wide open blooms, handsome foliage and nonstop flowering of this trailing plant. An exciting choice for any climate, especially hot, long summer areas that have stressed other Begonias. With blooms from spring until frost, its ready to dazzle in baskets and planters. Blooms are a rich shade of orange-red. They open 2-3 in. wide, extending fully 5 in. wide at their apex, then dropping to the ground, only to be replaced by more. Good looking even if it never flowers. The leaves are large, arrow shaped and neatly serrated with pronounced, uniform veins that make them look almost pleated. Dark green and very abundant, they add a tropical look. Super heat tolerant.

Each of the above: (2400) 10 sds - $8.30
25 sds - $15.65 50 sds - $25.90
100 sds - $40.20 250 sds - $88.65

**SPRINT PLUS SERIES**

4 in. - (F-1 Hybrid). Green foliage. The fastest, most uniform variety on the market. Blooms approximately 10 days earlier. Keeps compact on the shelf, does not stretch. Great in pots, baskets or in the landscape. Weeks to flower: 10-14. PELLETED SEED.

Pink - 1609PE New for 2020
Red - 1608PE
White - 1634PE

Each of the above: (2900) 100 sds - $7.25
250 sds - $13.75 500 sds - $23.55
1,000 sds - $34.40 2,000 sds - $59.65

**NON STOP MOCCA MIXTURE (PELLETED) - 1652PE**

8 in. - (F-1 Hybrid). Bronze foliage. The only early and uniform bronze leaved series on the market! Plants are small leaved with fully double 2-1/2 in. flowers. Compact growing with free-flowering habit.

50 sds - $7.55 100 sds - $12.35
250 sds - $22.20 500 sds - $33.75
1,000 sds - $57.40 (2600)

**NON STOP MIXTURE (PELLETED)**

Discontinued. As a substitute, we suggest Non Stop Moca Mixture (pelleted).

**BELLIS**

Double English Daisy

140,000 sds/oz 70" nights, 80° days 10 days
Do not cover seeds with media after sowing. Light will help germination. Will flower the first year.

**HABANERA SERIES**

Perennial. 6 in. - 154,000 S. B. perennis.
Epecially large, fully double daisies that have distinctly long quilled tips. Compact, uniform plants. Excellent garden performance for the cottage garden, containers and perennial borders. Zones: 4-8

Red - 5014 Rose - 5013
White - 5015

**White With Red Tips - 5016**
White, with red petal tips.

**Mixture - 5017**

Each of the above: (2800) 100 sds - $7.25
200 sds - $12.20 500 sds - $20.70
1,000 sds - $33.10 2,000 sds - $59.65

**POMPONETTE MIXTURE - 5615**

Perennial. 6 in. - 225,000 S. B. perennis. Features loads of cute little button-like flowers, the tiny petals make perfect little domes in vibrant shades of pink, red, rose and white. Superb for small beds, edging and windowboxes. Zones: 3-9

**SUPER ENORMA GIANTS MIXTURE - 5621**

Perennial. 6 in. - 156,000 S. B. perennis. Enormous semi-double, ball-shaped flowers, 2-1/2 to 3 in. across in shades of red, rose, soft pink and white. Zones: 4-8

Each of the above: (3100) 1,000 sds - $7.25
2,000 sds - $10.40 5,000 sds - $18.45
10,000 sds - $30.10 25,000 sds - $61.85

**TASSO SERIES**

① Perennial. 5 in. - 167,000 S. B. perennis. This series is a great improvement over the other Pomponette types. The flowers are larger with tight tubular petals. Compact, uniform growth habit with excellent garden performance. Will flower April-July the first year from seed. Zones: 4-8

Deep Rose - 5132 ① Pink - 5133 ①
Red - 5134 ①

**Strawberries & Cream - 5135 ①**
Two-toned pink and white.

White - 5136 ① Mixture - 5137 ①
A blend of all colors.

Each of the above: (2900) 250 sds - $8.55
500 sds - $14.60 1,000 sds - $21.85
2,000 sds - $36.55 5,000 sds - $74.95

**NOT JUST SPECIALIZING IN FLOWER & VEGETABLE SEEDS...**

*Please refer to our separate Plant/Plug Catalog, listing over 15,500 varieties in over 50 sizes!*
BERLANDERIA
7,500 sds/oz  3-4 days

CHOCOLATE DAISY - 6575
Perennial. 12 in. - 4,000 S. B. iyara. When in flower the aroma of chocolate is quite evident. The quarter sized flowers are vibrant, yellow daisy with striking red undersides and chocolate-colored stems. Will attract bees, butterflies and birds. Also has the ability to survive during periods of heat stress. Zones: 4-11
- 50 sds - $7.55
- 250 sds - $22.20
- 1,000 sds - $57.40

BRACHYCOME
Swan River Daisy
125,000 sds/oz  70° 2 weeks

SPLENDOR SERIES
- 10 in. - 140,000-250,000 S. Unique, fragrant, long blooming, floriferous single daisies with yellow eye and fernlike foliage. Used for borders, rock gardens and window boxes.
- Each of the above (180B0): 1,000 sds - $7.25
- 2,000 sds - $10.40
- 10,000 sds - $30.10

BUDDLEIA
DAVIDII MIXTURE - 5624
- Perennial. 72-96 in. - 900,000 S. B. Lilac shaped flowers that contains vibrant shades from bright pink to deep purple, plus clear white. Very floriferous and fragrant. Easy to grow from seed for plants that will flower the same year. Attractive shrub-like habit that is a great addition to the beneficial insect garden. Zones: 5-9
- 250 sds - $9.70
- 1,000 sds - $17.45
- 5,000 sds - $94.25

BUPLEURUM
Green Gold
10,000 sds/oz  65°  2-3 weeks
For best germination, refrigerate seed for 10 days before sowing.

GIUFFITTI DECOR - 1738
- 36 in. - 9,000 S. B. rotundifolium. Beautiful golden-yellow flowers provide an outstanding contrast to the fan shaped foliage that resembles Eucalyptus. Excellent as a filler in arrangements.
- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

CABBAGE, Flowering. Also see listing of Cabbage under Vegetables.

CABBAGE, FLOWERING 7,000 sds/oz  70°  7-10 days
Cover seeds lightly after sowing. Sow in early July for a brilliant display as a winter pot plant. A miniature cabbage for pots and bedding. In fall, when the temperature comes down around 40°, the foliage turns either colorful rose or white. At its best in late fall or early winter.

OSAKA SERIES (continued next column)

OSAKA SERIES
- 12 in. - 9,000 S. (F-1 Hybrid). (Dynasty series). Leaves are wavy and less fringed. Early and uniform growth.
- Pink - 1723  Red - 1724
- White - 1725  Mixture - 1761
- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55

CALENDULA
3,000 sds/oz  70°  10 days
After sowing, cover seeds lightly with media, maintain 70° soil temperature. Darkness will help germination.

BON BON SERIES
- 12 in. - 4,000 S. Very early flowering. Dwarf habit with free-flowering, bushy 2 1/2 - 3 in. blooms. Excellent in pots or packs.
- Apricot - 1795  Light Yellow - 1796
- Orange - 1798  Yellow - 1797
- Mixture - 1800

NEON - 1721
- 28 in. - 4,000 S. A true showstopper! This ultra-double flower grows with a brilliant orange, edged in burgundy. This plant boasts 1 1/2-2 in. blooms and provides nonstop color from spring through the first light frost.

STAR ORANGE - 1802
- 24 in. - 4,000 S. Highly valued for cut flower use with tall, sturdy stems and large double flowers of 3-4 in. in diameter. Bred with special attention to higher disease tolerance, earlier flowering and good productivity.

PRINCE MIXTURE - 1791
- 3,000 S. Fully double, 3 in. flowers on erect growing plants with small leaves. Mixture of Golden, Indian Prince and Orange. Plants are heat tolerant, free flowering and bred specifically for cut flower production.

PRINCESS MIXTURE - 1780
- 20-24 in. - 3,000 S. Long-stemmed, quilled, fully double blooms for commercical cut flower production. Mixture of clear, gold and orange with black eye. Early blooming, basal-branching plants produce numerous stems topped by 3 1/2-2 in. flowers. Mixtures are: (29A0)
- Each of the above: 250 sds - $7.25
- 500 sds - $11.75
- 2,000 sds - $27.70

GEISHA GIRL - 1722
- 22 in. - 3,400 S. The pretty blooms are deep orange, double, and have inward curved petals, very unique flowers look very much like mums. This variety is a favorite with many growers.
- Mixture of Golden, Indian Prince and Orange. Plants are heat tolerant, free flowering and bred specifically for cut flower production.

PACIFIC BEAUTY MIXTURE - 1777
- 24 in. - 3,000 S. Lovely 4 in. flowers that will produce uniform, double flowers with long straight stems and clearer colors. This historic heirloom garden plant.
**Calibrachoa**  
### Million Bells

71° 5-7 days  
Cover is not required for germination. Hardy to about 23°. Freely drops its faded flowers, no need to deadhead.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Multiples</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paradise Island Mixture (Multi-Seed) - 1812MP</td>
<td>10 sds - $10.20</td>
<td>25 sds - $21.30</td>
</tr>
</tbody>
</table>

- **MULTI-SPECIES COLLECTION**  
  **Paradise Island Mixture (Multi-Seed) - 1812MP**  
  Contains Kabloom Denim, Rose and Yellow.

<table>
<thead>
<tr>
<th>Variety</th>
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</thead>
<tbody>
<tr>
<td>(2410) Blue</td>
<td>10 sds - $10.20</td>
<td>25 sds - $21.30</td>
</tr>
<tr>
<td>(25H0) Blue</td>
<td>25 sds - $11.30</td>
<td>50 sds - $21.35</td>
</tr>
</tbody>
</table>

### STRAWBERRY STAR (MULTI-SEED) - 1804MP

10-14 in. - Strawberry-red and cream star pattern blooms. Color is shady, the strawberry-red color can lighten under high night temperatures. The star pattern is consistent. Moderate vigor, more controlled and better branching than Crave Sunset. Overall is larger than Kabloom varieties. Continuously re-blooms from planting to hard frost. Will also attract hummingbirds. Weeks to flower: 13-16.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Multiples</th>
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</thead>
<tbody>
<tr>
<td>(24G0) 10 sds - $9.25</td>
<td>25 sds - $18.50</td>
<td>50 sds - $31.10</td>
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</tbody>
</table>

### KABLOOM SERIES

8-12 - Fantastic new seed breeding breakthrough, the first Calibrachoa from seed. Hundreds of colorful bell-shaped flowers on a trailing plant habit. Bushy, trailing plants show off abundant, bright blooms. Generates the same amount of color as mid-vigor vegetative varieties. Better disease tolerance, better branching, more economical production. Excellent to use in hanging baskets and containers combinations. MULTI-SEED PELLET.

<table>
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</table>

### COMBO BLUE (PELLETED)

Crop failure. As a substitute, we suggest Kabloom Blue (pelleted).
CAMPANULA

65°-70°  2 weeks
For the best germination, freeze seed for 5 days before sowing. Expose seed to alternate dark and light periods with soil temperature at 70°. Do not cover seed with media after sowing. Light will help germination. Beautiful, 2-3 in. flowers with 5-petals fused into a bell. Blooms May-Aug. A nice cutflower.

BELLRINERS - 5210
Perennial. 20-28 in. - 325,000 S. C. takesimana. Clusters of large pendulous 2-3 inch flowers with maroon spotted interior in a mixed range from white to purple-red. Flowers from early summer till early autumn. Grows in full sun to semi-shade. Good as background border and combination plantings. Zones: 5-9

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<tbody>
<tr>
<td>500 sds</td>
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<td>2,000 sds</td>
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POSCHARSKYANA - 5653
Perennial. 6 in. - 415,000 S. C. poscharskiana. Extremely drought resistant, semi-prostrate and is able to cling to dry walls. Large rock gardens or sandy banks also permit the 2 ft. stems to trail. The open stary lavender-blue flowers are pleasingly colorful. Best in light shade. June-July. Zones: 3-7

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ROTONUDIFOLIA OLYMPICA - 5657
Perennial. 12 in. - 370,000 S. C. rotundifolia. Bright lavender-blue, nodding bells appear on wiry stems. Forms clumps of finely toothed, rounded dark green leaves. One of the most cold hardy bellflowers. Zones: 3-7

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SUPERBA - 5649 ≈ Perennial. 24-30 in. - 294,000 S. C. glomerata. Large clusters of rich violet. Nice cut flower, will flower the same year as sowing. Zones: 3-8

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<td>$42.30</td>
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CAMPANULA, CARPATICA

CLIPS
Perennial. 8 in. - C. carpatica. Masses of upright 1-1/2 in. bellflowers. Compact habit makes it ideal for borders or rock gardens. PELLETED SEED. Zones: 3-8

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<tr>
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PEARL SERIES

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<tbody>
<tr>
<td>1. Blue</td>
<td>Fresh cut flower</td>
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<tr>
<td>2. White</td>
<td>Fresh cut flower</td>
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<tbody>
<tr>
<td>100 sds</td>
<td>$8.60</td>
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Deep Blue - 5665PE ≈ New for 2020

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White - 5651PE ≈ New for 2020

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Mixture - 5666PE ≈ New for 2020

A mixture of all the above.

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<tbody>
<tr>
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CAMPANULA, MEDIUM SINGLE

CAMPANA SERIES DEEP BLUE (PELLETED) - 1824PE

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CHAMPION SERIES

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CANTERBURY BELLS MIXTURE - 5632

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CANTERBURY BELLS MIXTURE - 5633

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CARDINAL PERENNIALS - 1816

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TROPAEOLUM PEREGRINUM CANARIENSE - 1816

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CAMPANULA, MEDIUM DOUBLE

CANTERBURY BELLS MIX - 5633

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CUP & SAUCER MIXTURE - 5639

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HALICABUM - 1821

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CHAMPION SERIES

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CANTERBURY BELLS MIXTURE - 5632

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TROPAEOLUM PEREGRINUM CANARIENSE - 1816

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CAMPANULA, MEDIUM DOUBLE

CANTERBURY BELLS MIX - 5633

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CUP & SAUCER MIXTURE - 5639

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ORDER SEED, PLANTS, PLUGS AND TAGS by phone at 800.380.4721 or online at germaniaseed.com
Carnation

12,000 sds/oz  70° 1 - 2 weeks
We suggest you NEVER use chemicals containing methyl bromide on Carnations. Cover very lightly, needs light to germinate.

CAN CAN SERIES

18-20 in. - 12,000 S. D. caryophyllus. (F-1 Hybrid). Fragrant spray carnation from seed. Strong, uniform plants with good basal-branching habit produce masses of 2 in., brightly colored blooms. Knockout addition to mixed bouquets. Excellent for landscape border, patio container or bedding area.

Scarlet - 1830 (All America Winner - 2003).
Mixture - 1831
(Cocktail Party). A long awaited addition. Includes an array of popular hues of burgundy, purple, rose-pink, salmon and scarlet.

Each of the above: (24B0) 10 sds - $7.65
25 sds - $13.75 50 sds - $22.40
100 sds - $34.55 250 sds - $75.55

CARNATION

100 sds/oz  70°-75° 1-2 weeks
Sow in January for summer bloom. Before sowing, scrape seed coat on a sheet of sandpaper. Soak in warm water for 72 hours. Keep surface moist, use bottom heat.

SOUTH PACIFIC SERIES

100-150 S. (F-1 Hybrid). Compact in habit and well suited for both landscape and container use. More vigorous, more uniform and has more basal branching than comparison cannas. Offers an outstanding bloom colors. Bonus: grown from seed, not tuber, meaning less chance of succumbing to disease. Zones: 7-9

Orange - 5687
52 in. (All America Winner - 2018). Bright green foliage. Ravishing red-orange-scarlet blooms with flames of gold and cream at the base.

Scarlet - 5679
64-80 in. (All America Winner - 2013). Dark green foliage. Scarlet and orange tones with flames of gold and cream at the base.

Canna South Pacific Orange

500 sds - $7.25 1,000 sds - $16.95 2,000 sds - $27.70
5,000 sds - $55.55

Each of the above: (25M0) 10 sds - $12.35
25 sds - $30.30 50 sds - $52.70
100 sds - $84.15 250 sds - $190.45

TROPICAL SERIES

30-36 in - 150 S. 3-4 in. brightly colored flowers. Ideal for bedding, pots or mass plantings. Requires frost protection. Zones: 7-9

Bronze Scarlet - 5678
Bronze-burgundy foliage.

Red - 5676
Salmon - 5686
Yellow - 5608

Canna South Pacific Scarlet

5,000 sds - $25.60 10,000 sds - $42.30

Each of the above: (30A0) 500 sds - $7.25
1,000 sds - $16.95 2,000 sds - $27.70
5,000 sds - $55.55

CATANANCHE

Cupid’s Dart, Blue Cupidone
6,000 sds/oz  65°-75° 1-2 weeks

CAERULEA - 5695

Lillipot Mixture - 1846
10 in. - 12,000 S. (F-1 Hybrid) Very dwarf, compact, habit with 2 in. fully double flowers. Ideal for 4 in. pots.

LUGNUT Mixture - 1846
10 in. - 12,000 S. (F-1 Hybrid) Very dwarf, compact, habit with 2 in. fully double flowers. Ideal for 4 in. pots.

CARTHAMUS

Safflower
700 sds/oz  65°-70° 7-10 days

GRENADE SERIES

30-38 in. - 600 S. C. tinctorius A newer strain of brilliantly colored flowers. Almost all of the thorns have been bred out. They make a fine border plant, but are excellent as a fresh or dried cut flower. Weeks to flower: 14.

Orange - 1867

250 sds - $8.55 500 sds - $14.60
1,000 sds - $21.85 2,000 sds - $36.55
5,000 sds - $74.95

ZANZIBAR - 1850

Cuprid’s Dart, Blue Cupidone
6,000 sds/oz  65°-75° 1-2 weeks

SELECT THE ONES YOU WANT TO ORDER

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NEW ITEM THIS YEAR  |   CUT FLOWER  |   1ST YEAR FLOWERING PERENNIAL

For a complete catalog, please visit us online or call our sales representatives:

Toll-Free: 800.380.4721
 đá®= 707.575.0300
Fax: 707.575.0301
email: sales@germaniaseed.com  |   germaniaseed.com
**CELOSIA**

55,000 sds oz 70°-75° 8 days

After sowing seed, cover lightly with media. 5-7 weeks, summer, 7-10 weeks, spring.

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**NEW FOR 2020**

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**CRAMER’S HI-Z - 1849**


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**FLAMINGO SERIES**

30-40 in. - $26,000-34,500 S. C. spicata. Beautiful, slender plumes on erect, upright stems. Excellent in a landscape planting. For fresh or dried use.

- **Feather - 1926**
  - Soft pink, turning white.
  - 250 sds - $7.25
  - 1,000 sds - $16.95
  - 5,000 sds - $55.55

- **Purple - 1932**
  - Purple feathery plumes on dark red geranium-red stems and leaves.
  - 250 sds - $9.70
  - 1,000 sds - $26.60
  - 5,000 sds - $94.25

**KOSMO SERIES**

8 in. - $25,000 S. C. spicata. Nice compact, bushy plants with fascinating, spiky blooms in bright colors. Great addition to mixed planters for that WOW factor.

- **Cherry (Pelleted) - 1854PE**
- **Orange (Pelleted) - 1856PE**
- **Pink - 1853**
- **Purple Red - 1855**

**SOL GEKKO GREEN (PELLETED) - 1908PE**

24-30 in. - 30,000-55,500 S. Incredible cockscomb variety for drying with outstanding, vibrant colors. Wide heads with a full comb. Also makes a great fresh cut flower. Grow at close spacing for one flower per stem or pinch at 6 inches for multiple stems per plant. Beautiful for bedding plants with good pack performance.

- **Burgundy - 1859**
- **Lemon Lime - 1861**
  - (Formerly Lemon Yellow). Under cool and wet conditions, the flowers cast a more green color.
- **Rose - 1860**

**CELOSIA (continued)**

**SOL LIZARD LEAF (PELLETED) - 1909PE**

- New for 2020
- 10-14 in. - C. argentea. Foliage type. Quick-growing, low, shrub-like plants that looks great at the front of the border. Unique curled foliage turns to burgundy-red when grown outdoors for at least 1-2 weeks under high light conditions and more green when kept indoors or low light conditions. Foliage tends to curl due to genetic factors and will be affected by the climate conditions for indoor and outdoor environments. It holds well at retail and expands the options for consumers looking for sun-loving foliage accent plants. Offers relatively fast production time and no downy mildew issues. Great as a border plant, formal garden, garden bed, small and mixed containers.

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**CELOSIA, CRISTATA**

29,000 sds oz 70°-75° 8 days

Cockscomb Type. (Crested) After sowing seed, cover lightly with media. Maintain soil temperature of 70° and keep surface moist throughout germination period. Sow 6-8 weeks before planting out. For the best bedding performance, AVOID letting the plants dry out and cold temperatures.

**KURUME SERIES**

36 in. - $35,500-42,000 S. Bred in Japan for cut flower production. Tall, vigorous plants produce numerous strong stems topped by 6-8 inch combs. For fresh or dried use.

- **Gold - 1863**
- **New Scarlet - 1865**
- **Orange Red - 1876**
- **Roses - 1892**
- **Mixture - 1864**

**SPRING GREEN - 1845**

40-49 in. - $32,000 S. Light green cockscomb. Excellent for mixed bouquets. 10-14 days earlier than Bombay types.

**TOREADOR - 1457**

24 in. - $31,000 S. Unusual, semi-tall, with large flower heads or combs of bright red with scarlet highlights. Weeks to flower: 11-13.

**ARMOR MIXTURE - 1877**

12-16 in. - $37,000 S. An attractive, striking and vigorous bedding plant, ideal for hot summer gardens. Plants display showy cockscomb blooms at the center of the plant in vibrant orange, purple, red and yellow.

**BRAINIA MAXI MIXTURE - 1847**

New for 2020

8-16 in. - $12,000 S. First of its kind, novelty Celosia shows one big flower atop the plant.

In the greenhouse, flower is red and foliage is green with some red. Outdoors, foliage is darker and more purple-toned and flower is darker purple. Unusual shape and eye-catching color add drama to landscapes, gardens and containers. Good mid-height border plant.

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**PRESTIGE SCARLET - 1954**

12-18 in. - 40,000 S. (All America Winner 1997). This uniquely branched cockscomb sports bright scarlet 3 in. ball-shaped blooms at the top with smaller cockscombs erupting from every node resulting in color from top to bottom.

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**CHIEF SERIES**

36-40 in. - 39,000 S. Tall cockscomb type variety that is ideal as a cut or dried flower. Excellent garden performance and heat tolerance.

- **Fire - 1947**
  - Improved for 2020! Scarlet-red.
- **Mixture - 1951**

**BRAINIAC MAXI MIXTURE - 1847**

New for 2020

6-12 in. - Early flowering with a compact, uniform habit. Attractive, large, dense crested heads in vibrant hot colors that consists of bright red, deep red, magenta, pink and yellow. Very well suited for landscape plantings. Weeks to flower: 10-12 weeks.

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**DRACULA (PELLETED) - 1884PE**

8-16 in. - $20,000 S. First of its kind, novelty Celosia shows one big flower atop the plant.

In the greenhouse, flower is red and foliage is green with some red. Outdoors, foliage is darker and more purple-toned and flower is darker purple. Unusual shape and eye-catching color add drama to landscapes, gardens and containers. Good mid-height border plant.

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**NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL**
CELOSIA, PLUMOSA
29,000 sds/oz  70°-75°  8 days
Feather Types.

CASTLE SERIES
12 in. - 45,000 S. A very heat resistant strain with beautiful 7 in. plumes surrounded by many basal branches.
Orange - 1914  Pink - 1928
Scarlet - 1929          Yellow - 1930
Mixture - 1931
Each of the above: (29A0)  250 sds - $7.25
500 sds - $11.75  1,000 sds - $16.95
2,000 sds - $27.70  5,000 sds - $55.55

DRAGON’S BREATH - 1939
24 in. - 37,000 S. Gorgeous plumes of blazing color bring height and texture to the garden and patio. Unique red-bronze foliage adds depth to the landscape. Late flowering variety. Fantastic performance under hot and humid conditions. Extra large plants are the perfect choice for gardens and larger containers. Create drama in the autumn landscape, mingle in the midborder or unleash a blast of color from a patio container. Minimal nitrogen needed during growing period, less fertilizer and irrigation needed for growers.

FIRST FLAME SERIES
14-25 in. - Excellent bright colors finish two weeks earlier than Fresh Look. Ideal for borders and should also be considered as a component in combo planters. Also suitable for drying. PELLETED SEED.
Purple - 2009PE
Unique color. About 1 week earlier to flower, with a thicker plume compared to First Flame Red, Scarlet and Yellow.
Red - 2004PE ❖ Scarlet-orange.
Scarlet - 2002PE ❖
Yellow - 2005PE ❖
Mixture - 2006PE ❖
Orange - Crop failure. As a substitute, we suggest Fresh Look Orange.

ICE CREAM SERIES
8 in. - 42,000-63,000 S. Early, compact and well branched habit. Improved to have fuller plumes in brighter colors. Plants produce a main stem at the base with many side spikes. Heat resistant. Excellent in garden beds and patio containers.
Cherry - 1946  Bright carmine red.
Mixture (Pelleted) - 1950PE
Orange - 1948  Bright orange.
Pink (Pelleted) - 1949PE ❖
(Formerly Peach). Bright rose-pink.
Salmon - 1942
Yellow Improved (Pelleted) - 1943PE
Mixture - 1950
Each of the above: (29C0)  250 sds - $9.70
500 sds - $17.45  1,000 sds - $26.60
2,000 sds - $45.35  5,000 sds - $94.25

CELOSIA, PLUMOSA (continued)

FOREST FIRE - 1922
24 - 36 in. - 35,000 S. Soft, feathery, striking upward scarlet plumes with bronzey dark red foliage. A common component in the cutting garden, as well as ornamental landscaping.
1,000 sds - $7.95  2,000 sds - $12.40
5,000 sds - $22.95  10,000 sds - $38.45
25,000 sds - $80.95 (31C0)

FRESH LOOK SERIES
14 in. - 23,000-44,000 S. Like eternal flames, these varieties show their feathery flower plumes all summer long. Vigorous growth habit with good basal and lateral branching; attractive green leaf foliage. Weeks to flower: 12-14.
Gold (Pelleted) - 1944PE
(All America Winner - 2007). Intense, non-fading gold color.
FRESH LOOK SERIES (continued next column)

Sunday Series
28-40 in. - 25,000-35,000 S. Excellent plume-shaped flower form with nice stem length and strength. Attractive plumes in a wide color range are perfect fillers for mixed bouquets; also makes an eye-catching backyard cut flower. Less susceptible to thrips damage than cockcomb types. Weeks to flower: 11-13.
Bright Pink (Pelleted) - 1992PE ❖
Dark Pink (Pelleted) - 1960PE ❖
Orange (Pelleted) - 1961PE ❖
Red (Pelleted) - 1962PE ❖
Yellow - 1956
(26E0)  50 sds - $10.40  100 sds - $19.60  250 sds - $38.20  500 sds - $59.95  1,000 sds - $104.65

CELOSIA, PLUMOSA (continued on next page)

Orange (Pelleted) - 1958PE
Red (Pelleted) - 1952PE
(All America Winner - 2004).
Yellow (Pelleted) - 1953PE
(All America Winner - 2004).
Mixture (Pelleted) - 1957PE
Complete mixture of all colors.
Fashion Look Mixture (Pelleted) - 1910PE
Formula mixture of the green leaved Fresh Look series along with the contrasting bronze leaved New Look series. This mixture ties together contrasting leaf and flower colors, creating a showy assortment.
Each of the above: (29B0)  250 sds - $8.55
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95

CELOSIA, PLUMOSA
(Formerly Peach). Bright rose-pink.

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed.com   |   Flowers
**CELOSIA, PLUMOSA (continued)**

**NEW LOOK (RED) (PELLETED) - 1927PE**


- 250 sds - $8.55
- 500 sds - $14.60
- 1,000 sds - $21.85
- 2,000 sds - $36.55
- 5,000 sds - $74.95

**PLUME SERIES**


**Golden - 1393**

**Pampas Plume - 1933**

Mixture of bronze, copper, crimson, gold and scarlet.

- Each of the above: (31B0) 1,000 sds - $7.25
- 2,000 sds - $14.10
- 5,000 sds - $25.60

**SYLPHID - 1994**

- 30-40 in. - 38,000 S. Green-yellow feathery plumes sit on tall straight stems. The perfect color for every garden and bouquets.

- 25 sds - $9.10
- 50 sds - $15.95
- 100 sds - $23.70
- 250 sds - $46.90
- 500 sds - $79.30

**CENTURY MIXTURE - 1937**


- 250 sds - $8.55
- 500 sds - $14.60
- 1,000 sds - $21.85
- 2,000 sds - $36.55
- 5,000 sds - $74.95

**KIMONO MIXTURE - 1919**

5-6 in. - 44,000 S. Compact and colorful. Very early, extra dwarf mixture with uniform growth habit and plume height. Beautiful for mixed patio containers for an attractive show of color.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**CENTAUREA, AMERICANA**

1,500-2,100 sds/oz 65°-75° 7-14 days

Indoor 6-8 weeks before planting out. Grow at 50°-55°. Outdoors sow as soon as soil can be worked in spring. Full sun. 6-8 in. apart.

**ALOHA ROSE - 1897**

- 40-48 in. - 2,000 S. Oversized, 4 in. thistle-like fluffy blooms in a beautiful shade of smoky pink, with the inner petals often tipped with black. Blossoms close at night. Great fresh or dried.

- 250 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

**CENTAUREA, CYANUS**

**Centaurea, Cyanus**

Cornflower or Bachelor Button 6,500 sds/oz 65°-70° 7-10 days

Will attract butterflies all season. Widely used for outdoor summer cut flowers, also for spring greenhouse cutting from a December/January sowing. Seed germination best if lightly covered and kept at 70° soil temperature, needs darkness to germinate.

- 5,000 sds - $55.55
- 10,000 sds - $11.75
- 20,000 sds - $27.70
- 500,000 sds - $149.55

**CUT FLOWER SERIES**

- 24-30 in. - 5,500 S. Outstanding performance in the garden or greenhouse.

**Blue Boy - 1888**


**Pinkie - 1886**

- Deep pink.

**Select Mixture - 1887**

Each of the above: (31A0) 1,000 sds - $7.25

- 2,000 sds - $14.10
- 5,000 sds - $25.60

**FROSTY MIX - 4728**

- 24-30 in. - 6,500 S. A frosted combination of azure, burgundy, pink and white. Upright plants producing loads of 1-1/2 in. blooms. Can be sown Dec-Jan for Spring greenhouse cutting. Attracts butterflies.

- 1,000 sds - $7.25
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 25,000 sds - $128.50

**JUBILEE GEM - 1895**

- 12 in. - 6,000 S. Dwarf and bushy with freely produced dark blue double flowers closely packed on the plant.

- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

**POLKA DOT MIXTURE - 1894**

- 16 in. - 8,000 S. Dwarf and compact mixture. A well balanced color range. Each flower head displays tooth shaped florets. Blooms are known to attract bees, butterflies and hummingbirds and other beneficial insects to the garden.

- 1,000 sds - $7.25
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 25,000 sds - $128.50

**CENTAUREA, PERENNIAL**

2,100 sds/oz 60° 10-15 days

After sowing, cover seeds lightly with media. Darkness will help germination. Beautiful 2-3 in. flowers. Will bloom May-August. Will help repel deer all season.

**DEALBATA - 5712**

- **Perennial.** 24 in. - 3,500 S. C. orientalis. (Persian Cornflower). Deeply fringed, button-like, rose-pink flowers, complemented by finely-cut, gray-green leaves. Hardy and drought tolerant. Butterflies can’t resist the sweet nectar of the showy blooms. A touch of pink in the garden all summer long. Zones: 3-8

Each of the above: (28A0) 250 sds - $7.25

- 500 sds - $14.50
- 1,000 sds - $29.00

**WHITE - 5717**

- **Perennial.** 24-36 in. - 14,000 S. C. ruber. (Snowcloud). Airy clusters of fragrant white flowers with succulent-like, feathery plumes sit on tall straight stems. Will bloom May-August of the same year from sowing. Will attract butterflies all season.

**CENTRANTHUS**

Red Valerian, Jupiter’s Beard

17,500 sds/oz 60°-65° 2 weeks

Easily grown in average or sandy, medium moisture, well drained soils in full sun to part shade. Prefers slightly alkaline soils in full sun. Does well in poor, infertile soils where it usually grows in a more compact form. Will flower May-August of the same year from sowing. Will attract butterflies all season.

**RUBER - 5716**

- **Perennial.** 24-36 in. - 20,000 S. C. ruber. Red-rose flowers are formed from clusters of tiny star-shaped florets atop strong, branching stems. Fine, fragrant addition for your garden. Zones: 5-8

- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**CENTRANTHERUM**

Brazillian Bachelor Button

19,000 sds/oz 69°-75°
CERASTIUM
Silver Carpet, Snow-in-Summer
39,000 sds/oz  65°  2 weeks
Light will help germination. One of the most valuable plants for the rock garden. Blooms May - July.

TOMENTOSUM COLUMNAE - 5722 Perennial. 8 in. - 80,000 S. C. tomentosum. (Snow-In-Summer). Highly valued for its wooly grey foliage and smothered in luminous white flowers. Great for rock gardens or for poor, dry soil. Beautiful used as a path edging or a lawn substitute for areas with light foot traffic. Plant in pockets of a stone wall for a cascading effect, on steep slopes or cascading over the edges of containers. Zones: 2-7
1,000 sds  - $7.25  2,000 sds - $8.60
5,000 sds  - $13.90  10,000 sds - $21.65
25,000 sds - $42.90  (31A0)

CHEIRANTHUS
Common Wallflower
19,000 sds/oz  60°  5 days
After sowing, do not cover with media. Will flower the first year from seed. Will attract butterflies all season.

ORANGE BEDDER - 5725 Perennial. 18 in. - 30,000 S. C. cheiri. Clusters of clove scented, vivid deep orange flowers above lance-shaped, dark green leaves. Old fashioned wallflower with a neat and compact habit. Ideal for edging and low bedding, especially suitable for patio containers or where border space is limited. Zones: 5-9
1,000 sds - $8.75  2,000 sds - $14.30
5,000 sds - $27.45  10,000 sds - $46.85
25,000 sds - $99.95  (31A0)

Chrysanthemum
Also see listing of Matricaria.

CHRYSANTHEMUM
9,000 sds/oz  70°  6 days

RAINBOW OR MERRY MIXTURE - 2011 24-36 in. - 8,000 S. C. carinatum. A cheerful blend of bright-hued tricolors including many new shades and color combinations. Showy for bedding and for cutting throughout the summer months.
1,000 sds  - $7.25  2,000 sds - $8.60
5,000 sds  - $13.90  10,000 sds - $21.65
25,000 sds - $42.90  (31A0)

WHITE BUTTONS - 2007
6 in. - 39,000 S. C. paludosum. The small single daisy white flowers 1 1/4 in. in diameter with a yellow center. Dwarf, compact growing habit makes them ideal in pots or packs.

YELLOW BUTTONS - 2008
6 in. - 24,000 S. C. muticaule. The small single daisy flowers are solid yellow and 1 3/4 in. in diameter. Nice compact growing habit makes them ideal for low borders.
Each of the above: (30A0) 500 sds - $7.25
1,000 sds  - $9.80  2,000 sds - $14.10
5,000 sds  - $25.60  10,000 sds - $42.30

CIMICIFUGA
Snakeroot
11,000 sds/oz  65°  2-3 weeks
For the best germination, keep media moist throughout germination period. Light will help germination.

RACEMOSA - 5731 Perennial. 36-84 in. - 13,000 S. Actaea racemosa. (Black Cohosh). Slender, upright form with wands of tiny white flowers make a vertical statement. Deep green foliage has great looking texture all season long. An imposing plant with 1/2 in. creamy-white spikes of fragrant flowers. Despite the height, does not need staking. Will bloom July to frost. Effective in woodland gardens, cottage gardens and naturalized areas.
Zones: 4-8
250 sds  - $7.25  500 sds - $11.75
1,000 sds  - $16.95  2,000 sds - $27.70
5,000 sds  - $55.55  (29A0)

Cineraria - Also see listing of Dusty Miller.

CINERARIA
100,000 sds/oz  70°-75°  10 days
For the best germination - after sowing, do not cover with soil. Throughout the germination period, maintain a constant 70° soil temperature. We suggest using fresh sterilized soil in seed flats and in potting. This will possibly save you future disease problems. For best results, do not pinch, feed moderately and protect from strong sunlight. When plants are well established, reduce night temperatures to 50°-55° to encourage uniform bud set and compact habit.

SATELLITE MIXTURE - 2031 New for 2020 10 in. - Very compact, with 2 in. florets in bright, pure colors. Early with good uniformity and plant habit. Weeks to flower: 17-19 for 5-6 in. pots.
25 sds  - $11.30  50 sds - $21.35
100 sds - $32.65  250 sds - $66.55
500 sds - $113.95  (25H0)

JESTER MIXTURE (PELLETED) - 2030PE 5-10 in. - Small, uniformly sized leaves with brightly colored daisy-like flowers on a rounded plant habit make it more appealing than many other Cineraria. Suitable for 5-6 in. pots, uniform to bloom for all colors, and high percentage of bicolors make this series top in its class. Weeks to flower: 16-18.
25 sds  - $7.55  50 sds - $12.35
100 sds - $17.70  250 sds - $33.75
500 sds - $56.20  (25A0)

CLEOME
Spider Monkey, Spider Plant
12,500 sds/oz  70° - 85°  1 - 2 weeks
For best germination, alternate temperature between 85° days and 70° nights. Cover seed lightly and maintain even surface moisture. (Pre-chill seed in refrigerator 3-5 days before sowing.) Tolerates hot, dry conditions and likes full sun. Will attract hummingbirds all season.

QUEEN SERIES
36-48 in. - 13,500 S. Makes a wonderful hedge-like row about 4 ft. tall and 3-4 ft. across.
Cherry - 2075  36 in. - Bright rose.
Helen Campbell (white) - 2071  36 in. - Pure white.
Pink - 2072  48 in. - (All America Winner - 1942). Vibrant pink.
Mixture - 2070 A formula blend of all varieties in this class.
Each of the above: (3180) 1,000 sds  - $7.25
2,000 sds - $10.40  5,000 sds - $18.45
10,000 sds - $30.10  25,000 sds - $61.85

SOLO - 2069 15 in. - 8,000 S. The only thornless (child and pet friendly) variety with very light pink to white flowers on top of a light green leaved plant. Attractive seed pods give additional distinctive ornamental value to the plants.
500 sds  - $9.25  1,000 sds - $15.50
2,000 sds - $24.45  5,000 sds - $48.90
10,000 sds - $83.90  (3000)

SPARKLER SERIES 40-48 in. - 18,000-22,500 S. (F-1 Hybrid). The first commercial F-1 Hybrid Cleome! Heat and sun tolerant with full, bushy habit. Outstanding garden performance. ENHANCED SEED for better and more uniform germination. Weeks to flower: 10-12.
Blush - 2088EN  (All America Winner - 2002).
Lavender - 2089EN  (All America Winner - 2002).
Rose - 2092EN
White - 2093EN
Mixture - 2090EN Each of the above: (26F0) 50 sds  - $11.35
100 sds - $21.40  250 sds - $42.20
500 sds - $66.55  1,000 sds  - $116.45

CLEMATIS
Radar Love
Sorry, no longer available.
COLEUS SCANDENS
Cup and Saucer Vine
375 sds/oz  75°  10-14 days
In sowing, place seeds on edge and do not cover, but keep soil temperature at 75° with even surface moisture. Sow early and pinch occasionally for nice heavy plants.

PURPLE - 2076
● Climber. 120 in. - 350-400 S. Incredibly fast growing Mexican native. Attractive, deep green, heart shaped foliage with fantastical, 3 1/2 in. flaring purple bell shaped flowers sporting long stamens. Blooms July - October.

WHITE - 2083
● Climber. 120 in. - 350 S. Chartreuse green buds open wide into handsome, creamy white flowers flushed with the palest of green tints. The flowers are lovely grown on trellises and arbor which makes it a rapid growing climber. Blooms from midsummer until hard freeze.

COLEUS
100,000 sds/oz  70°-75°  10 days
Excellent for combination boxes, pots and bedding in complete or partial shade. We recommend both the separate and mixed colors to the most critical trade. After sowing seeds on sterilized media, do not cover with soil. Maintain a constant 70° soil temperature, use bottom heat if possible. Once established, grow on at 60°-65°. These plants can show primarily darker green/and green. The suprise! Up to 3% of plants may splashed pattern.

SUPERFINE RAINBOW STRAIN
12-15 in. - 96,000-133,000 S. Large, vivid, multicolored leaves on vigorous, bushy, elegant plant. Very late flowering, radiating a wide spectrum of colors over a long season. Perfect for semi-shaded beds, borders and containers.

SUPERFINE SERIES
12-15 in. - Vivid deep red leaves.

MASTER BLEND MIX - 2133
A sensational formulated blend.
Each of the above: (2980) 250 sds - $8.55
500 sds - $14.60
1,000 sds - $21.85
2,000 sds - $36.55
5,000 sds - $74.95
(2980)

GIANT EXHIBITION SERIES
20 in. - 97,000-98,500 S. C. blumei. Vigorous growing varieties, large leaved, excellent for pot production and landscapes.

LIMELIGHT - 2121
Pure lime-green leaves

PALISANDRA - 2122
Velvety black leaves
Each of the above: (26EO) 50 sds - $10.40
100 sds - $19.60
250 sds - $38.20
500 sds - $59.95
1,000 sds - $104.65

COLEUS (continued)
KONG SERIES
18-22 in. - Landscaper-type Coleus! Tall, well-branched plants with huge leaves. Weeks to flower: 9-11. PELLETED SEED.

LIME SPRITE - 2119PE

MOSSAIC - 2125PE

MAHOGANY RED - 2127PE
Rich mahogany-red center with strong rose veining and a bright green edge. Stems and undersides of leaves are mahogany-red.

ROSE - 2128PE
Vibrant rose center surrounded by a green edge.

SALMON-PINK - 2120PE
Multi-colored pattern of salmon-pink and mahogany-red with irregular green edge.

SCARLET - 2129PE
Mahogany-red center surrounded by an irregular green edge; at times, rose veining appears. Stems and undersides of leaves are green.

MIXTURE - 2130PE
Each of the above: (25FO) 25 sds - $10.40
50 sds - $19.60
100 sds - $29.65
250 sds - $60.10
500 sds - $102.40
(2580)

COLEUS (continued)
PREMIUM SUN
Upright plants display mid-size leaves that are larger than Wizard but smaller than Kong series. Well branched, vigorous habit with long lasting color throughout the season. Color and contrast, habit and performance are best for mixed containers, also used for mass landscapes. Weeks to flower: 6-8. PELLETED SEED.

CHOCOLATE COVERED CHERRY - 2135PE
12-14 in. Rose center surrounded by deep mahogany and edged with a thin green margin.

CHOCOLATE DARK - 2134PE
24-30 in. Dark purple with burgundy tones.

CHOCOLATE MINT - 2157PE
14-20 in. Leaves edged in soothing mint green.

CHOCOLATE SPLASH - 2167PE
12-16 in. Green foliage with chocolate splashed pattern.

CRIMSON GOLD - 2169PE
26 in. (Formerly Versa). Deep red leaves with golden green edge.

LIME DELIGHT - 2171PE
28 in. (Formerly Versa Lime). Lime green to golden foliage.

MIGHTY MOSAIC - 2137PE
18-26 in. Striking multicolored leaf pattern.

PINEAPPLE SURPRISE - 2139PE
18-26 in. - Unique tricolor pattern. Iridescent chartreuse and deep burgundy hearts are splashed with chartreuse and green. The surprise! Up to 3% of plants may show primarily darker green/burgundy bicolor instead of chartreuse.

ROSE TO LIME MAGIC - 2172PE
24 in. (Formerly Versa Rose to Lime). Rose leaves eventually dissolve exposing green margins and cream center.

WATERMELON - 2173PE
24 in. (Formerly Versa). Cherry-red leaves with green edge.

CHOCOLATE MIXTURE - 2136PE
Includes Chocolate Covered Cherry, Chocolate Dark, Chocolate Mint and Chocolate Splash.

MIXTURE - 2174PE
Includes Crimson Gold, Lime Delight, Mighty Mosaic, Pineapple Surprise, Rose to Lime and Watermelon.

Each of the above: (25EO) 25 sds - $10.20
50 sds - $18.70
100 sds - $28.15
250 sds - $56.70
500 sds - $96.60

All Flowers are listed together alphabetically. Perennials and Climbers marked in Blue

Cup and Saucer Vine

Palisandra - 2122
Velvety black leaves
Each of the above: (26EO) 50 sds - $10.40
100 sds - $19.60
250 sds - $38.20
500 sds - $59.95
1,000 sds - $104.65

Cup and Saucer Vine

Palisandra - 2122
Velvety black leaves
Each of the above: (26EO) 50 sds - $10.40
100 sds - $19.60
250 sds - $38.20
500 sds - $59.95
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Cup and Saucer Vine

Palisandra - 2122
Velvety black leaves
Each of the above: (26EO) 50 sds - $10.40
100 sds - $19.60
250 sds - $38.20
500 sds - $59.95
1,000 sds - $104.65
**COLEUS** (continued)

**WIZARD SERIES**

Wizard Rose

10-16 in. - 72,000-130,000 S. Very colorful, rainbow heart-shaped leaves with distinct markings. Excellent base-branching habit. Requires no pinching, ideal for packs or pots. Weeks to flower: 9-11.

**Coreopsis**

**DOMINO - 5723**

| Variety | Perennial | 12-18 in. | 25,000 S. | C. grandiflora. Plants form a low mound of leathery green leaves, bearing many upright stems of large, brown-eyed golden yellow daisy-like flowers for many weeks, starting in early summer. Removing faded flowers regularly will encourage blooming to continue into the fall. Zones: 4-9
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**DOUBLE THE SUN - 5706**

| Variety | Perennial | 12-14 in. | 15,000 S. | C. grandiflora. Earliest, compact and large 2 1/2 in., semi-double blooms in a straight yellow color. 2-3 weeks earlier to finish than Presto. Zones: 4-9
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**EARLY SUNRISE - 5734**

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**PRESTO - 5709**

| Variety | Perennial | 10 in. | 17,000 S. | C. grandiflora. Large and very showy blooms cover this super compact plant. Each bloom measures 2-2 1/2 in., with a small golden-red center and frizzled, serrated petals that stand out beautifully. Unpalatable to deer, tolerant of drought, withstands unseasonable heat, humidity and even cold without dropping a leaf. It thrives in poor soils as well as moist enriched ones and sets new buds continuously, especially when the flowers are cut or deadheaded promptly. Ideal for pots, window boxes and rock gardens. Zones: 4-9
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**STERNTALER - 5727**

| Variety | Perennial | 15 in. | 15,000 S. | C. lanceolata. Robust, long blooming with showy, 3 in., golden-yellow petals with a reddish-brown center. Each petal has a serrated edge giving the flower a frilly appearance. The flowers are continuous over the summer when deadheaded. The abundance of blooms and ease of culture make this a popular selection. Blooms May-Sept. Zones: 4-9
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**SUNFIRE - 5693**

| Variety | Perennial | 20-36 in. | 10,000 S. | C. grandiflora. Large flowers are yellow with a burgundy red center. Flowers the first year, well-matched to Rising Sun for timing and habit. Weeks to flower: 10-12. Zones: 4-9
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**SUNKISS - 5704**

| Variety | Perennial | 12-14 in. | 14,000 S. | Primed seed. A color breakthrough. The brightest yellow with large blotch. Larger, deep red blotch and larger flowers than Sunfire. Fast finish with timing similar to Rising Sun. Excellent heat tolerance for novice and expert gardeners alike, reliable, easy to grow and the color blends well with almost everything. Zones: 4-9
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**SUNRAY - 5737**

| Variety | Perennial | 12 in. | 14,000 S. | C. grandiflora. An extravagant bloomer that will light up the garden with its double, deep golden yellow flowers. Excellent for borders or rock gardens. Zones: 4-9
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**TINCTORIA - 5499**

| Variety | Perennial | 30-36 in. | 61,000 S. | Perfect for bedding and borders and great cut flower. Sprays of 1 1/4 in. daisy-like, bicolor blooms in yellow and mahogany. Versatile, carefree plants have slender, wiry stems and produce an abundance of flowers. Weeks to flower: 9-10.
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**CORN, ORNAMENTAL**

**Calico or Indian Squaw**

100 sds/oz 80° 1 week

**RAINBOW - 2085**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Multi-colored kernels make attractive ears for fall decorations.</th>
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<td>250 sds</td>
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**CORYDALIS**

**Yellow Fumitory, Yellow corydalis**

50,000 sds/oz 60° 21 days

Frost germinator. Freeze seed for 2 weeks before sowing. Will bloom April-September.

**LUTEA - 5741**

| Variety | Perennial | 10-19 in. | 19,000 S. | Pseudofumaria. lutea. (Bleeding Heart). Fresh green, fern-like leaves are held in softly falling tiers, resembling the fronds of Maiden-Hair Fern. Clusters of light yellow to rich gold flowers, somewhat like those of the fringed bleeding heart, hover just above the foliage. Though blooming is heaviest in late spring, will continue to produce flowers thru mid-fall if kept moist. Use in cottage gardens, shaded rock gardens or in containers. Zones: 5-9
|---------|-----------|-----------|-----------|-----------------------------------|

<table>
<thead>
<tr>
<th>Each of the above</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$8.30</td>
</tr>
<tr>
<td>250 sds</td>
<td>$14.20</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$40.30</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$69.20</td>
</tr>
</tbody>
</table>

**NEW ITEM THIS YEAR** | **CUT FLOWER** | **1ST YEAR FLOWERING PERENNIAL**
**COSMOS**  
4,000 sds/oz  
70°-75°  
1 week  
Will attract butterflies all season. Grow under good light conditions to avoid color variance.

**ANTiquity - 2204**  
24 in. - 3,400 S. A very beautiful variety with flowers that open the darkest, most luscious crimson and then fade a little to look antiqued. Unusual and lovely. Shorter stems means no staking which makes it perfect for containers.

**ApolLO SeRIeS**  
18-26 in. - 5,000 S. (F-1 Hybrid). Largest flowers and longest flowering period on the market. Better branching with fuller canopy of flowers. Stems are strong and compact meaning it will need little or no support in the border, less PGR’s and less plants to fill a pot. Delicate feathery foliage. Add that cottage garden feel to your borders and pots.

**Carmine - 2197**  
*Lovessayong - 2198*  A delightful blend Pink Picotee, Pink and White.

**Mixture - 2199**  A mixture of Deep Purple, Pale Pink and White.

Each of the above: (28G0)  
100 sds - $10.40  
500 sds - $19.45  
1,000 sds - $35.65  
5,000 sds - $97.95  
10,000 sds - $199.90

**APRICOT LEMONAde - 2221**  
*New for 2020*  20-27 in. - Petals start as a soft apricot shade with a pale lavender underside, fading over time to a creamy yellow.

Each of the above: (28G0)  
100 sds - $10.40  
500 sds - $19.45  
1,000 sds - $35.65  
2,000 sds - $67.22

**Black MAGIC - 2203**  
*Odd* 24 in. - 3,500 S. C. atrosanguineus. It’s not often that a horticultural development can rightfully be described as exciting, but this is surely one of those occasions. The first chocolate Cosmos from seed. The gorgeous burgundy almost black colored blooms are spectacular. Some are double but all are in a variety of shades that are almost unreal. This deliciously scented flower has an unforgettable fragrance that ranges from chocolate to vanilla. Can be treated as a perennial if rootstock is kept frost free during winter. Zones: 8-11

<table>
<thead>
<tr>
<th>10 sds</th>
<th>50 sds</th>
<th>250 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$15.75</td>
<td>$59.80</td>
<td>$250 sds</td>
</tr>
<tr>
<td>$32.80</td>
<td>$199.60</td>
<td>$67.22</td>
</tr>
</tbody>
</table>

**COSMOS (continued)**

**Brownie - 2233**  
*New for 2020*  12-24 in. - 4,000 S. Fabulous! Rich velvety-maroon to almost black, chocolate-scented flowers open over a very long period from early summer right into the frosts of autumn. Incredibly, these plants vary in stature and color of flower, some being very dark. Mature plants vary from tight compact clumps with short-stemmed blooms, up to large branching beauties with very long stemmed flowers.

<table>
<thead>
<tr>
<th>10 sds</th>
<th>50 sds</th>
<th>250 sds</th>
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</thead>
<tbody>
<tr>
<td>$10.50</td>
<td>$38.10</td>
<td>$134.60</td>
</tr>
<tr>
<td>$22.25</td>
<td>$59.90</td>
<td>$240 sds</td>
</tr>
</tbody>
</table>

**Candy Stripe - 2223**  
36-54 in. - 4,500 S. Single, bicolor mixture of red striped, rose and white edged flowers.

<table>
<thead>
<tr>
<th>500 sds</th>
<th>2,000 sds</th>
<th>10,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$7.25</td>
<td>$14.10</td>
<td>$42.30</td>
</tr>
<tr>
<td>$9.80</td>
<td>$25.60</td>
<td>$110.10</td>
</tr>
</tbody>
</table>

**CASENOVA SERIES**  
8-12 in. - Dwarf, very uniform and perfect for high-density planting. Simple, single blooms will continue to appear all summer long.

<table>
<thead>
<tr>
<th>Pink - 2193**</th>
<th>Mixture - 2194**</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>New for 2020</em></td>
<td><em>New for 2020</em></td>
</tr>
<tr>
<td>A mixture of Pink, Red, Violet and White.</td>
<td>A mixture of Pink, Red, Violet and White.</td>
</tr>
</tbody>
</table>

Each of the above: (28G0)  
200 sds - $19.45  
500 sds - $35.65  
1,000 sds - $59.90  
2,000 sds - $110.10

**Cupcake Series**  
24-30 in. - 3,500 S. Beautiful new variety that dazzles with a cannot believe your eyes double take. A brand new form with goblet shaped flowers and fused petals. Rare and remarkable cultivar of this classic cottage variety creates serene commotion in the full sun midborder. Pollinator-friendly plants are frequented by nectar-loving bees, butterflies and hummingbirds. Simply, sow’em where you want to grow’em.

**Blush - 2219**  
*New for 2020*  A stunning color. Blooms open white and turn to a beautiful blush pink as they mature.

**White - 2205**  
24-30 in. - 4,000 S. Wow! Beautiful, chalice-like petal pattern. Crisp, clean white.  

double click SERIES

<table>
<thead>
<tr>
<th>10 sds</th>
<th>50 sds</th>
<th>250 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$15.75</td>
<td>$32.80</td>
<td>$122.20</td>
</tr>
<tr>
<td>$33.75</td>
<td>$67.20</td>
<td></td>
</tr>
</tbody>
</table>

**Psyche mixture - 2218**  
40-48 in. - 4,500 S. An attractive variety reowned for its stunning array of colors and surprisingly large blooms. Huge, crepe paper petals form loose, elegantly waved, upright blooms of crimson, rich lavender pink, and white. Double and semi-double flowers with a ring of petals forming a collarette in the center. Uniform free-flowering habit.

**Sea Shells Mixture - 2208**  
36-48 in. - 4,500 S. A completely different style Cosmos. The fluted sea shell shaped petals will make a beautiful addition to your garden. A breeder’s blend of colors that is outstanding. Typical of all Cosmos this variety is no exception in thriving under neglect situations. Attracts hummingbirds and butterflies.

<table>
<thead>
<tr>
<th>100 sds</th>
<th>200 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$10.40</td>
<td>$19.45</td>
<td>$35.65</td>
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</tr>
<tr>
<td>$17.40</td>
<td>$27.95</td>
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<td></td>
</tr>
</tbody>
</table>

**Sensation SerieS**  
48-54 in - 4,000-5,500 S. Large, single 4-6 in. flowers with yellow centers bloom from midsummer on. Graceful for backgrounds, borders and bouquets. The most satisfactory type for cut flower purposes.

**Dazzler - 2215**  Crimson-red flowers.  
**Pinkie - 2214**  Pink.  
**Purity - 2217**  White.  
**Radiance - 2216**  Deep rose with crimson zone.

**Mixture - 2222**  (All America Winner - 1936). A full range of colors.

<table>
<thead>
<tr>
<th>100 sds</th>
<th>200 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
<th>5,000 sds</th>
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</thead>
<tbody>
<tr>
<td>$8.80</td>
<td>$14.10</td>
<td>$42.30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Lemonade - 2234**  
*New for 2020*  24 in. - An amazing color. Striking yellow and white bicolor blooms. Masses of flowers are produced throughout the summer. Create a beautiful display in containers and borders.

<table>
<thead>
<tr>
<th>100 sds</th>
<th>200 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$10.40</td>
<td>$19.45</td>
<td>$35.65</td>
<td>$59.35</td>
<td>$110.10</td>
</tr>
</tbody>
</table>

**LIMARA LEMON (detailed) - 2238DE**  
8 in. - 3,500 S. C. sulphureus. A multitude of large creamy lemon blooms that are set off by a darker golden eye. Produces masses of lemon colored flowers over its compact, well-branched habit. DETAILED SEED.

<table>
<thead>
<tr>
<th>250 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
<th>5,000 sds</th>
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<tbody>
<tr>
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<td>$20.25</td>
<td>$21.40</td>
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<td>$113.55</td>
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</table>

**Mixture - 2222**  (All America Winner - 1936). A full range of colors.

<table>
<thead>
<tr>
<th>100 sds</th>
<th>200 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
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</thead>
<tbody>
<tr>
<td>$8.80</td>
<td>$14.10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5,000 sds</th>
<th>10,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25.60</td>
<td>$42.30</td>
</tr>
</tbody>
</table>
**COSMOS (continued)**

**SONATA SERIES**

20 in. - 4,500 S. Large flowers. Compact growth habit making them an excellent choice for container gardening and attracting butterflies. Their thin flowers are good for pressing and excellent for cutting. Performs well in full sun and is very free-flowering. Heat and drought tolerant.

**Carmine - 2200**  Pink - 2201

Pink Blush - 2202  Purple Shades - 2195

Red Shades - 2212  White - 2207

Mixture - 2211

<table>
<thead>
<tr>
<th>Each of the above: (2800)</th>
<th>100 sds - $8.65</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>200 sds - $15.10</td>
</tr>
<tr>
<td></td>
<td>500 sds - $26.65</td>
</tr>
<tr>
<td></td>
<td>1,000 sds - $43.60</td>
</tr>
<tr>
<td></td>
<td>2,000 sds - $79.80</td>
</tr>
</tbody>
</table>

**COSMOS, SULPHUREUS**

2,800 sds/oz  70°-75°  1 week

Grow under good light conditions to avoid color variance.

**COSMIC SERIES**

12 in. - 3,000-3,500 S. Very free-flowering with outstanding garden performance. Excellent in packs, pots or mass plantings.

**Orange - 2227**  (All America Winner - 2000).

Red - 2237

Yellow - 2228

Mixture - 2229

3,000 S.  Deep orange color.  Better habit and more uniform.  Slightly more compact and mounded shape than other varieties.

<table>
<thead>
<tr>
<th>Each of the above: (28AO)</th>
<th>100 sds - $7.25</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200 sds - $10.70</td>
</tr>
<tr>
<td></td>
<td>500 sds - $17.70</td>
</tr>
<tr>
<td></td>
<td>1,000 sds - $27.85</td>
</tr>
<tr>
<td></td>
<td>2,000 sds - $49.55</td>
</tr>
</tbody>
</table>

**CRASPEDIA, GLOBOSA**

35,000 sds/oz  70°

Germination occurs over a long period of time. Constant moisture is important.

**BILLY BUTTONS - 2236**

16-20 in. - 45,500 S. Will produce a basal rosette of long leaves and branchless flower stalks topped with bright yellow, globe-shaped flower clusters. Useful for a fresh and dried cut flower, can be cut over a long period.

<table>
<thead>
<tr>
<th>500 sds - $7.25</th>
<th>1,000 sds - $9.80</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,000 sds - $14.10</td>
<td>5,000 sds - $25.60</td>
</tr>
<tr>
<td>10,000 sds - $42.30</td>
<td></td>
</tr>
</tbody>
</table>

**CUPHEA**

Cigar Plant

14,000 sds/oz  70°  2-3 weeks

Very colorful bedding plants; easily grown.

**PINK SHIMMER (MULTI-SEED) - 2269MP**

10-16 in. - Profusions of petite flowers in shades of lavender to pink and rose cover the delicate leaves all summer long. Great for use in combinations of all kinds. This reblooming gem requires no deadheading and looks great even under hot conditions. MULTI-SEED PELLET contains 5-6 seeds per pellet.

<table>
<thead>
<tr>
<th>25 sds - $10.40</th>
<th>50 sds - $19.60</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds - $29.65</td>
<td>250 sds - $60.10</td>
</tr>
<tr>
<td>500 sds - $102.40</td>
<td></td>
</tr>
</tbody>
</table>

**SRIRACHA PINK**

Discontinued - As a substitute, we suggest Pink Shimmer.

**CYNOGLOSSUM**

Chinese Forget-Me-Not

5,000 sds/oz

**AMABILE BLUE SHOWER - 2240**


<table>
<thead>
<tr>
<th>1,000 sds - $7.25</th>
<th>2,000 sds - $10.40</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000 sds - $18.45</td>
<td>10,000 sds - $30.10</td>
</tr>
<tr>
<td>25,000 sds - $61.85</td>
<td></td>
</tr>
</tbody>
</table>

**DAHLBERG DAISY**

Golden fleece, Shooting Star

200,000 sds. sds/oz  60-80°  8-12 days

Thrives in sandy soils with good drainage. Drought tolerant. Sow seed directly in garden areas 1-2 weeks before the last frost date for bloom four months later. Deadhead spent flowers to encourage additional bloom. Will self-seed in the garden under optimum growing conditions.

**DAHLBERG DAISY - 2331**

6-8 in. - 227,000 S. Thymophylla tenella. An intelligent compact edging plant with airy, lace-like leaves and yellow flowers. Plants spread 12-14 in. Blooms continuously throughout the season.

<table>
<thead>
<tr>
<th>1,000 sds - $7.25</th>
<th>2,000 sds - $8.60</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000 sds - $13.90</td>
<td>10,000 sds - $21.65</td>
</tr>
<tr>
<td>25,000 sds - $42.90</td>
<td></td>
</tr>
</tbody>
</table>

**DAHLIA**

3,000 sds/oz  70°-75°  7-10 days

For best results, maintain 70° soil temperature throughout the germination period. Cover seeds lightly and keep surface moist. As they branch freely, we do not recommend a pinch. Readily grown from seed and tubers may be saved from the choicest specimens. Should be sown several weeks ahead of other annuals for maximum bloom the first year. Will attract butterflies all season.

| 24-36 in. - 4,100 S. One of the most stunning flowers you will ever see. A warmed-toned mixture of single and semi-double blooms in solid and bicolor shades of orange, pink, purple, red and yellow. Flowers include plenty of bicolors and two-toned blends, some gaily striped, others shading from one hue to the next like a tropical sunset, and still others a rich, deep solid color. But what makes these blooms really extraordinary is that they arise atop black foliage. Stunning in the garden and long-lasting in the vase and a showstopper in the border and bed. |
|--------------|------------------|
| 100 sds - $8.65 | 200 sds - $15.10 |
| 500 sds - $26.65 | 1,000 sds - $43.60 |
| 2,000 sds - $79.80 |           |

**BLOODY MARY - 2323**

12-14 in. - 4,000 S. A beautiful mixture of double and semi double flowers on attractive bronze-red foliage. Very free-flowering, compact mounded habit.

<table>
<thead>
<tr>
<th>250 sds - $9.70</th>
<th>500 sds - $17.45</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000 sds - $26.60</td>
<td>2,000 sds - $45.35</td>
</tr>
<tr>
<td>5,000 sds - $94.25</td>
<td></td>
</tr>
</tbody>
</table>

**DANDY MIXTURE - 2310**

22-26 in. - 4,000 S. Attractive well mounded plants producing a mixture of 3 1/2 in. flowers all season.

**EARLY BIRD - 2311**

20-24 in. - 3,500 S. The earliest and most dwarf Unwin type Dahlia with full color range of double and semi-double stem length for cut flower.

**DAHLIA continued on next page...**
**DAHLIA** (continued)

**FIGARO SERIES**
12 in. - 3,500 S. (F-1 Hybrid). An improved Rigoletto type with more compact and earlier flowering. A beautiful blend of double blooms, ideal for packs or pots.

**Orange Shades** - 2303
**Red Shades** - 2302
**Violet Shades** - 2304

**White** - 2318
**Yellow Shades** - 2305

**Mixture - 2317**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 sds</td>
<td>$13.55</td>
</tr>
<tr>
<td>500 sds</td>
<td>$23.70</td>
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<tr>
<td>1,000 sds</td>
<td>$38.35</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$69.70</td>
</tr>
</tbody>
</table>

**HARLEQUIN Mixture - 2319**
12 in. - 5,000 S. A very early and dwarf mixture with semi-double bicolor collarette-type flowers. Ideal for packs and pots.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
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<tr>
<td>500 sds</td>
<td>$11.75</td>
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<tr>
<td>1,000 sds</td>
<td>$16.95</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$27.70</td>
</tr>
</tbody>
</table>

**MIGNON Mixture - 2322**
14 in. - 3,000 S. Brightly colored single blooms on compact plants ideal for pots, tubs, borders and beds. The delightful blooms are loved by bees and butterflies and will attract them to your garden. The enchanting mixture of colors, all with yellow centers, are produced through the summer and fall. Blooms are long-lasting and excellent for cutting.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$7.55</td>
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<tr>
<td>100 sds</td>
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<td>500 sds</td>
<td>$23.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$38.35</td>
</tr>
</tbody>
</table>

**UNWIN’S DWARF HYBRIDS - 2321**
24 in. - 3,500 S. Plants produce 2 1/2 to 3 in. double and semi-double flowers in great abundance, fine assortment of beautiful colors. A January sowing provides 3 and 4 in. flowering pot plants in May.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
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<td>2,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$55.55</td>
</tr>
</tbody>
</table>

**DAISY, SHASTA**

**Leucanthemum Maximum**
20,000 sds/oz 70° 12 days

Needs light to germinate. Plant where soil is well drained. Blooms May-September the same year sown. Will attract butterflies all season. Outstanding cut flower.

**ALASKA - 5747**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$8.60</td>
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<tr>
<td>5,000 sds</td>
<td>$13.90</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$21.65</td>
</tr>
</tbody>
</table>

**LEUCANTHEMUM**

**DIANthus**

**GOLDEN GIANT**

**G. MARCONI DOUBLE WHITE - 5748**

**C. MARCONI DOUBLE WHITE - 5748**

**MARCONI DOUBLE WHITE - 5748**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>500 sds</td>
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**MADONNA - 5745**

<table>
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</thead>
<tbody>
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<tr>
<td>1,000 sds</td>
<td>$57.40</td>
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</tbody>
</table>

**DELPHINIUM (continued)**

**SILVER PRINCESS - 5751**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
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<tr>
<td>2,000 sds</td>
<td>$12.40</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$22.95</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$38.45</td>
</tr>
<tr>
<td>25,000 sds</td>
<td>$80.95</td>
</tr>
</tbody>
</table>

**SNOW LADY (ENHANCED) - 5746EN**

**Datura**

**Trumpet Flower**

2,000 - 3,000 sds/oz sds/oz 70° 21 days

For the best germination, we suggest freezing seed for 5 days before sowing and do not use bottom heat.

**BALLERINA SERIES**

**BELLE BLANCHE - 2333**

30 in. - 3,000 S. A particularly fine variety of Angel’s Trumpet with blue-green leaves, ideal for gardeners in temperate climates because it blooms early and grows quickly, ultimately becoming a shrub-like plant.

The 4 in., upright, pure white flowers have an exotic, tropical mystique and produce a sweet perfume that is especially strong at night.
DELPHINIUM (continued)

BLACKCURRANT SWIRL - 2577
60 in. - 2,000 S. Large double flared blooms in gorgeous shades of blackcurrant and lilac that open in abundance. An exotic addition for the landscape and also ideal for containers where they can be brought indoors in colder climates. Zones: 10
   25 sds - $9.80  50 sds - $17.75
   100 sds - $26.65  250 sds - $53.45
   500 sds - $90.85  (2500)

Delphinium. Also see listing of Larkspur.

DELPHINIUM
10,000 sds/oz  80’days - 65’nights  8-15 days
For the best germination, freeze seed for 5 days before sowing. Sow seed, cover lightly and alternate temperature of 60° days and 65° nights. Do not let media dry out; maintain even moisture level on surface. (Belladonna and Bellamosum types germinate best at 70° constant temperature.) Small pots and packs are not recommended for growing Delphiniums. Like Zinnias, they are susceptible to rot brought on by overwatering. Outstanding cut flower. Blooms June - September, the same year sown. Will attract hummingbirds and butterflies all season.

AURORA SERIES
   Perennial. 36-48 in. - 9,000 S. D. elatum. (F-1 Hybrid). Dense flower spikes on strong stems. Large 2-2 1/2 in. fully double flowers with white bees. Excellent uniformity and vigor. Weeks to flower: 18 weeks. Zones: 3-7
   Blue - 5412  Deep Purple - 5410
   Each of the above: (25K0)  25 sds - $12.45
   50 sds - $24.10  100 sds - $37.10
   250 sds - $76.40  500 sds - $131.25

BLUE BUTTERFLY - 5794
   Perennial. 10-12 in. - 25,000 S. D. grandiflorum. (Butterfly compacta). A bushy well behaved mound of finely dissected foliage that never needs staking. A unique color difficult to find in any annual or perennial, produces racemes of gentian blue flowers, a rich true gentian blue. Hints of violet can be seen at the tips of some petals and the centers. Perfect for front of the border, it also makes an excellent container plant. Zones: 3-7
   1,000 sds - $7.95  2,000 sds - $12.40
   5,000 sds - $22.95  10,000 sds - $38.45
   25,000 sds - $80.95  (S1C0)

BLUE MIRROR - 5770
   Perennial. 16 in. - 24,000 S. D. grandiflorum. Beautiful navy blue flowers without spurs. Will flower the first year sown. Zones: 2-7
   100 sds - $7.25  200 sds - $10.70
   500 sds - $17.70  1,000 sds - $27.85
   2,000 sds - $49.55  (28A0)

CLIVEDON BEAUTY (BELLADONNA) - 5764
   Perennial. 48 in. - 9,000 S. D. belladonna. (Cliveden Beauty). The most popular light blue. Will flower the first year from seed. Zones: 3-7
   250 sds - $7.25  500 sds - $11.75
   1,000 sds - $16.95  2,000 sds - $27.70
   5,000 sds - $55.55  (29A0)

CONNECTICUT YANKEES - 5761
   Perennial. 30 in. - 8,000 S. (All America Winner - 1963). Bushy, well branched mixture of graceful spikes of purple, dark blue, light and medium blue, lilac and lavender. Florets are exceptionally large, 2 1/2 in. across. Fine for beds, borders, medium tall background plantings, as well as long lasting cut flowers on wiry stems.
   100 sds - $8.65  200 sds - $15.10
   500 sds - $26.65  1,000 sds - $43.60
   2,000 sds - $79.80  (28D0)

DELFINA SERIES
   Perennial. 18 in. - 12,000 S. D. elatum. First genetic dwarf Delphinium, it needs no support. A balanced blend of beautiful colors. A dwarf version of the Pacific Giants. A balanced blend of beautiful colors. Outstanding cut flower. Will flower the first year sown. Zones: 3-8
   Cherry Blossom / White Bee - 5786
   Dark Blue / Dark Bee - 5763
   Dark Blue / White Bee - 5753
   Lavender / White Bee - 5754
   Lilac Pink / White Bee - 5766
   Mid-blue / White Bee - 5634
   Pure White - 5757
   Sky Blue / White Bee - 5755
   White / Dark Bee - 5756
   Crystal Mixture - 5799
   Select mix of white bee colors.
   Mixture - 5760

DIANTHUS (continued)

MAGIC FOUNTAIN SERIES
   Blue - 5722EN
   Rose / White Bee - 5719
   Light Blue / White Bee - 5790
   Improved for 2019!
   Rose / White Bee - 5791
   Each of the above: (28F0)  100 sds - $9.85
   200 sds - $17.95  500 sds - $32.65
   1,000 sds - $54.10  2,000 sds - $99.95

GUARDIAN SERIES
   Perennial. 48-60 in. - 14,500 S. D. elatum. (Benary’s Pacific Giants Hybrids). One of the most common series grown in the garden. An upright, herbaceous perennial with strong stems and divided, dark-green foliage. Will bloom from late spring until mid summer. Nice cut flower. ENHANCED SEED for improved and more uniform germination. Weeks to flower:16-18. Zones: 2-7
   Astartel - 5771EN
   Shades in pale blush, lilac, pink, raspberry-rose with dark bees.
   Black Knight - 5773EN
   Deep midnight violet.
   Blue Bird - 5772EN
   Clear medium blue, white bee.
   Blue Jay - 5774EN
   Brilliant true medium blue, dark bee.
   Camelliard - 5775EN
   Pure lavender self, white bee.
   Galahad - 5776EN
   The finest clear white delphinium.
   Guinevere - 5777EN
   Pinkish-lavender with white bee.
   King Arthur - 5778EN
   Royal violet with white bee.
   Percival - 5907EN
   White with black bee.
   Summer Skies - 5780EN
   Clear light blue with white bee.
   Mixture - 5788EN
   A formula blend of the above colors, not a field grown mixture.
   Each of the above: (28A0)  100 sds - $7.25
   200 sds - $10.70  500 sds - $17.70
   1,000 sds - $27.85  2,000 sds - $49.55

DELPHINIUM continued on next page
**DELPHINIUM (continued)**

**PACIFIC GIANT SERIES**
- **Perennial.** 48-60 in. - 14,500 S.  
  D. elatum. One of the most common series grown in the garden. An upright, herbageous perennial with strong stems and divided, dark-green foliage. Will bloom from late spring until mid summer. Nice cut flower. Weeks to flower: 16-18. Zones: 2-7

**SUMMER CLOUDS - 5448**
- **Perennial.** 10-12 in. - 28,500 S.  
  D. grandiflorum. Well-branched habit and divided, dark-green foliage. Will bloom in many shades of pink, rose, salmon and white. Zones: 3-8

**DIANTHUS (continued)**

**ARCTIC FIRE - 5829**
- **Perennial.** 7 in. - 115,000 S.  
  D. deltoides. Blooms profusely with frilly white serrated petals surrounding a deep fiery red eye. Dark green foliage forms a lush mat that develops into a dense edger or nice groundcover. Stunnning around roses bushes. Weeks to flower: 12. Zones: 3-8

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
<td>$7.25</td>
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<tr>
<td>500 sds</td>
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<td>1,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$55.55</td>
</tr>
</tbody>
</table>

**BRILLIANCE - 5915**
- **Perennial.** 6 in. - 25,000 S.  
  D. deltoides. Bright crimson. A low, mat-forming, evergreen perennial with tufts of linear, dark green foliage. A heavy bloomer! Zones: 3-8

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000 sds</td>
<td>$7.25</td>
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<tr>
<td>2,000 sds</td>
<td>$14.90</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$34.75</td>
</tr>
<tr>
<td>25,000 sds</td>
<td>$61.85</td>
</tr>
</tbody>
</table>

**CORONET SERIES**
- **8-10 in. - (F-1Hybrid).** Formedly Corona Series. Larger blooms than competition, plus uniform flowering time and habit. Produces multiple flowers on a compact, mound plant. Weeks to flower: 6-8.

**CHERRY RED - 2334PE**
- Solid cherry color, with some flowers showing a darker red center.

**ROSE - 2335PE**
- Solid rose color, with some blooms showing a darker center.

**STRAWBERRY - 2336PE**
- Variable patterns of coral/salmon shades. Some flowers are solid coral, some are coral bicolor and some have a darker coral picotee against a lighter background.

**WHITE - 2337PE**
- Clean, clear white.

**MIXTURE - 2338PE**
- A blend of all the above.

**AMAZON SERIES**
- **Perennial.** 18-36 in. - (F-1 Hybird).  
  D. barbatus interspecific. Can be grown as annual or perennial; does not require vernalization to initiate blooms. Can also be grown as a cut flower, 36 in. height in southwestern winters, or 18-24 in. height for the summer bedding plant. Weeks to flower: 12-13 Spring/Summer, 14-18 Summer/Winter. PELLETED SEED. Zones: 5

**NEON CHERRY - 5095PE**
- Each bloom starts white, ages to pink, then finally to a deep rose.

**NEON PURPLE - 5097PE**
- Mixture of Neon Cherry and Neon Purple.

**ROSE MAGIC - 5098PE**
- Each bloom starts white, ages to pink, then finally to a deep rose.

**NEON DUO - 5055PE**
- Mixture of Neon Cherry, Neon Purple and Rose Magic.

**NEON TRIO - 5000PE**
- Mixture of Neon Cherry, Neon Purple and Rose Magic.

**DYNASTY SERIES**
- **16-20 in. - (F-1 Hybird).** An outstanding double flowered series that produces carnation-type blooms. Light is required for the best germination. Excellent garden performer and cut flower. A tender perennial in many areas. PELLETED SEED.

**PURPLE - 2280PE**
- Each of the above: (25A0) 25 sds - $7.55

**RED - 2281PE**
- Each of the above: (25B0) 25 sds - $12.35

**WHITE BLUSH - 2283PE**
- Each of the above: (25B0) 25 sds - $33.75

**MIXTURE - 2282PE**
- Each of the above: (25B0) 25 sds - $66.20

**MINIMUM ORDERS**

*We do NOT have a minimum order requirement! All orders shipped the same day received!*
DIANTHUS (continued)

<table>
<thead>
<tr>
<th>SUPER PARFAIT SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 in. - 36,000-44,500 S. (F-1 Hybrid). Large, 2 in. fringed flowers. Unique layering of rich colors on compact, uniform plants. Excellent pack and garden performance. Weeks to flower: 14-16. Zones: 5</td>
</tr>
<tr>
<td>Rasberry - 2371</td>
</tr>
<tr>
<td>Royal crimson with eye.</td>
</tr>
<tr>
<td>Red Peppermint - 2248</td>
</tr>
<tr>
<td>White with large bright red center.</td>
</tr>
<tr>
<td>Strawberry - 2372</td>
</tr>
<tr>
<td>Rich scarlet with eye.</td>
</tr>
<tr>
<td>Mixture - 2249</td>
</tr>
<tr>
<td>Each of the above: (28F0) 100 sds - $8.65</td>
</tr>
<tr>
<td>200 sds - $16.10</td>
</tr>
<tr>
<td>500 sds - $24.65</td>
</tr>
<tr>
<td>1,000 sds - $43.60</td>
</tr>
<tr>
<td>2,000 sds - $79.80</td>
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<thead>
<tr>
<th>TELSTAR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-10 in. - 25,000-47,500 S. (F-1 Hybrid). An early compact growing variety that will keep blooming until frost. Excellent heat tolerance.</td>
</tr>
<tr>
<td>Burgundy - 2299</td>
</tr>
<tr>
<td>Carmine Rose - 2352</td>
</tr>
<tr>
<td>Crimson - 2417</td>
</tr>
<tr>
<td>Picotee - 2361</td>
</tr>
<tr>
<td>(All America Winner - 1989). Bright crimson flowers with white fringed edges.</td>
</tr>
<tr>
<td>Pink - 2353</td>
</tr>
<tr>
<td>Purple - 2357</td>
</tr>
<tr>
<td>Purple Picotee - 2362</td>
</tr>
<tr>
<td>Violet purple flowers with white edges.</td>
</tr>
<tr>
<td>Scarlet - 2370</td>
</tr>
<tr>
<td>White - 2363</td>
</tr>
<tr>
<td>Pure white.</td>
</tr>
<tr>
<td>Mixture - 2360</td>
</tr>
<tr>
<td>Each of the above: (28F0) 100 sds - $8.95</td>
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<tr>
<td>200 sds - $17.95</td>
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<tr>
<td>500 sds - $32.65</td>
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<tr>
<td>1,000 sds - $54.10</td>
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<tr>
<td>2,000 sds - $99.95</td>
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<thead>
<tr>
<th>VENTI PARFAIT SERIES</th>
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</thead>
<tbody>
<tr>
<td>New for 2020</td>
</tr>
<tr>
<td>Crimson - 2251</td>
</tr>
<tr>
<td>Crimson With Eye - 2252</td>
</tr>
<tr>
<td>Crimson center with pink edges.</td>
</tr>
<tr>
<td>Strawberry Shades - 2255</td>
</tr>
<tr>
<td>New for 2020</td>
</tr>
<tr>
<td>Each of the above: (28H0) 100 sds - $8.65</td>
</tr>
<tr>
<td>200 sds - $15.10</td>
</tr>
<tr>
<td>500 sds - $26.65</td>
</tr>
<tr>
<td>1,000 sds - $43.60</td>
</tr>
<tr>
<td>2,000 sds - $79.80</td>
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<table>
<thead>
<tr>
<th>WEE WILLIE - 2366</th>
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</thead>
<tbody>
<tr>
<td>1,000 sds - $7.25</td>
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<tr>
<td>2,000 sds - $10.40</td>
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<tr>
<td>5,000 sds - $18.45</td>
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<tr>
<td>10,000 sds - $30.10</td>
</tr>
<tr>
<td>25,000 sds - $61.85</td>
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<table>
<thead>
<tr>
<th>ZING ROSE - 5834</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perennial. 6 in. - 37,000 S. D. deltoides. Bright rose flowers over thick green foliage. Will bloom all season until frost. Zones: 3-9</td>
</tr>
<tr>
<td>250 sds - $7.25</td>
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<tr>
<td>500 sds - $14.50</td>
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<tr>
<td>1,000 sds - $29.00</td>
</tr>
<tr>
<td>1,000 sds - $59.55</td>
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<table>
<thead>
<tr>
<th>HOLBORN GLORY - 5806</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perennial. 24 in. - 26,000 S. D. barbatus. Trusses of purplish-red flowers with a white ring bloom on straight, stiff stalks that are gorgeous when planted in masses or border edging.</td>
</tr>
<tr>
<td>1,000 sds - $7.75</td>
</tr>
<tr>
<td>2,000 sds - $15.50</td>
</tr>
<tr>
<td>5,000 sds - $31.00</td>
</tr>
<tr>
<td>10,000 sds - $62.00</td>
</tr>
<tr>
<td>25,000 sds - $125.00</td>
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</tbody>
</table>

Dianthus Rockin’ Series

| Perennial. 18-24 in. - (F-1 Hybrid). D. barbatus interspecific |
| Lacy, slightly scented flowers. The dynamite blooms will keep perennial borders rockin for years to come, thanks to its vivid colors, durable performance and count on it overwintering. PELLETED SEED. Zones: 5-8 |
| Red - 5200PE |
| Pink Magic - 5201PE |
| Blooms open white and mature to light pink, then deep pink. |
| Purple - 5198PE |
| Lavender-purple. |
| Rose - 5199PE |
| Deep rose. |
| Each of the above: (25G0) 25 sds - $8.90 |
| 50 sds - $17.75 |
| 100 sds - $26.65 |
| 250 sds - $53.45 |
| 500 sds - $90.85 |

Dianthus-Sweet William

| Sweet William 26,000 sds/oz 64°-68° 7-14 days |
| D. barbatus. Including both tall and dwarf varieties, as well as single and double flowers, this class of dianthus is often referred to as Sweet William and is typically grown as a biennial. Likes well drained soil and full sun. Blooms June-September, Will flower the same year as sown. Will attract butterflies all season. |

| DASH MIXTURE (PELLETED) - 5206PE |
| Each of the above: (28D0) 100 sds - $8.65 |
| 200 sds - $15.10 |
| 500 sds - $26.65 |
| 1,000 sds - $43.60 |
| 2,000 sds - $79.80 |

| DOUBLE MIDGET MIXTURE - 5822 |
| Perennial. 6-8 in. - 33,000 S. D. barbatus. (Pinocchio Dwarf Mixture). Produces a low mound of light green leaves, bearing showy clusters of bright double flowers in mixed shades from white through to pink, salmon and red, often with a contrasting eye. Excellent for edging or massing. Zones: 2-9 |
| Each of the above: (28G0) 100 sds - $8.60 |
| 200 sds - $16.10 |
| 500 sds - $24.65 |
| 1,000 sds - $43.60 |

| HOLBORN GLORY - 5806 |
| Perennial. 24 in. - 26,000 S. D. barbatus. Trusses of purplish-red flowers with a white ring bloom on straight, stiff stalks that are gorgeous when planted in masses or border edging. |
| Each of the above: (28H0) 100 sds - $8.60 |
| 200 sds - $16.10 |
| 500 sds - $24.60 |
| 1,000 sds - $42.90 |

Dianthus-Sweet William continued on next page
DIANTHUS-SWEET WILLIAM (continued)

OESCHBURG - 5769
Perennial. 24 in. - 28,000 S. D. barbatus. Crimson-black foliage and deep violet purple flowers. Beautiful in the border and perhaps one of the most attractive cut flowers. Zones: 3-8

1,000 sds - $7.95 2,000 sds - $12.40 5,000 sds - $22.95 10,000 sds - $38.45 25,000 sds - $80.95

PINK BEAUTY - 5797
Perennial. 24 in. - 27,000 S. D. barbatus. Garden pink which features fringed, salmon pink flowers with maroon flecking and center disks. Flowers are pleasantly fragrant. After flowering, foliage remains attractive throughout the growing season as long as soils are given consistent moisture. Zones: 2-9

1,000 sds - $7.95 2,000 sds - $10.40 5,000 sds - $16.95 10,000 sds - $33.10 25,000 sds - $59.65

SCARLET BEAUTY - 5807
Perennial. 24 in. - 30,000 S. D. barbatus. Cheery single flowers in brilliant red are especially treasured in the garden for their bright color and strong fragrance. This compact cultivar is wonderful in rock or border gardens. Zones: 2-9

100 sds - $7.25 200 sds - $12.20 500 sds - $20.70 1,000 sds - $31.20

DIANTHUS-SWEET WILLIAM (continued)

SWEET SERIES

Black Cherry

Perennial. 18-36 in. - 29,500 S. (F-1 Hybrid). D. barbatus. First cut flower series offered in separate colors with no vernalization required. Very uniform height and flowering time. First year flowering in spring and fall. Well-branched habit produces a showy display of blooms. Weeks to flower: 16-18. PELLETED SEED. Zones: 3-8

Perennial. 18-36 in. - 29,500 S. D. barbatus. Crimson-black foliage and deep violet purple flowers. Beautiful in the border and perhaps one of the most attractive cut flowers. Zones: 3-8

Order Pixie Picture Tags by 12/25 & pay $3.29 per 100 when you order $250.00 or more in plants, plugs & seeds.
DIGITALIS
Foxglove 65° 10 days

AMBIGUA - 5853
Perennial 30 in. - 128,000 S.
D. grandiflora. Leaves form tight rosettes and send up 2 ft. spikes of large, bell-shaped butter-yellow flowers with tawny freckles inside. Use at the edge of a path or nestle into a rock garden. Looks especially nice when planted along fences, at the woods edge or in large containers. Zones: 3-8
50 sds - $7.25 1,000 sds - $8.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30

APRICOT BEAUTY - 5854
Perennial 48 in. - 238,000 S.
D. purpurea. Soft apricot-pink flowers create the classic cottage garden look. Easy to grow in full sun to part shade. Prefers moist soil. Zones: 4-8
5,000 sds - $8.10 10,000 sds - $11.65 25,000 sds - $21.45 50,000 sds - $38.55

CAMELIA SERIES
Perennial 42-48 in. - (F-1 Hybrid).
D. purpurea. First F-1 hybrid. Vigorous growing series ideal for cut flower production or in the landscape.Recommended for 6 in. containers or larger. Prefers part shade or filtered sun. Spring flowering. PELLETED SEED. Zones: 4-8
Cream - 5216PE Lavender - 5218PE Rose - 5220PE White - 5217PE
Mixture - 5221PE
Each of the above: (26B0) 50 sds - $8.30 100 sds - $14.20 250 sds - $26.15 500 sds - $40.30 1,000 sds - $69.20

CANDY MOUNTAIN - 5229
Perennial 36-48 in. - 295,000 S.
D. purpurea. Peach flowers which turn lilac as blooms mature, encircle the tall, straight stems of this delectable Foxglove. The individual bell-shaped blooms face upwards, showing charming speckled throats irresistible to hummingbirds and gardeners alike. These large flower spikes are supported by thick stems that defy wind and rain. Zones: 4-8
100 sds - $8.65 200 sds - $15.10 500 sds - $26.65 1,000 sds - $43.60 2,000 sds - $79.80

CARILLON - 5855
Perennial 16 in. - 178,500 S.
D. grandiflora. Very dwarf plants are covered with attractive little yellow bells on short spires. Outstanding variety. Will flower the first year from seed. Zones: 2-8
50 sds - $10.10 1,000 sds - $17.40 2,000 sds - $27.95 5,000 sds - $56.60 10,000 sds - $97.95

DIGITALIS (continued)
DALMATION SERIES
Perennial 16-20 in. - (F-1 Hybrid).
Creme - 5223PE Warmer white with red spots.
Peach - 5224PE Unique peach blooms with very light, pink-rose spots.
Purple - 5226PE Rose - 5225PE Softener, lavender rose with red spots.
White - 5227PE A well balance mixture.
Each of the above: (26C0) 50 sds - $9.10 100 sds - $15.95 250 sds - $30.20 500 sds - $46.90 1,000 sds - $80.95

EXCELSIOR - 5861
Perennial 36-60 in. - 310,000 S.
D. purpurea. Florets of this strain are carried either horizontal or nearly so and reveal the full effect of the markagings inside the bells. A blend of colorful shades. Zones: 4-8

FOXY - 2377
36 in. - 250,000 S. (All America Winner - 1967). This is an annual Digitalis that blooms profusely with colors of white, cream, yellow, rose and exciting red shades. Thesolid colors with contrasting spots are beautiful. Weeks to flower: 20-24. Zones: 4-9
Each of the above: (31A0) 1,000 sds - $7.25 2,000 sds - $8.60 5,000 sds - $13.90 10,000 sds - $21.65 25,000 sds - $42.90

MERTONENSIS - 5863
Perennial 30-36 in. - 135,000 S. Unique strawberry-red spikes. Hardy variety. Zones: 4-8
500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30

PAM’S CHOICE
Crop failure. As a substitute, we suggest Pam’s Split.

WHITE - 5860
Perennial 36-48 in. - 312,500 S.
D. purpurea. Pure white, good cut flower.
1,000 sds - $7.25 2,000 sds - $8.60 5,000 sds - $13.90 10,000 sds - $21.65 25,000 sds - $42.90

PAM’S SPLIT - 5231
Perennial 48 in. - 250,000 S.
D. purpurea. Exciting and interesting as the white blooms with speckled throats and dark bold wine red markings have an intriguing split lower lip, giving a beautifully full ruffled effect. Unique in producing several elegant upright stems from the crown giving a more impressive and longer lasting summer display. Eye catching in borders or cottage gardens. Zones: 5-9
100 sds - $7.25 200 sds - $12.20 500 sds - $20.70 1,000 sds - $33.10 2,000 sds - $59.65

DIMORPHOTHECA
Cape Marigold or African Daisy
10,000 sds/oz 60° 7 days
After sowing. cover seeds very lightly with media. Fine attractive bedding plant. Spreading habit.

AURANTIACA MIXTURE - 2382
10 in. - 14,000 S. Beautiful daisy flowers in shades of apricot, creamy white, orange and yellow. Spread sheets of color on rockeries, dry walls, parking strips, borders, large pots and tubs.
500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30

DOLICHOS
Hyacinth Bean Vine
120 sds/oz 65°-70° 10 days
For the best germination, scratch or notch seeds and soak in warm water for 1 day before sowing.

LABLAB - 5800
Climber. 100 S. Attractive, fast-growing climber that produces purple and white bicolor flowers with green foliage and striking electric-purple seed pods. Flowers are beautiful and fragrant and will attract butterflies and hummingbirds. A tender perennial in many areas. Makes a beautiful privacy screen for your yard.
50 sds - $7.55 100 sds - $12.35 250 sds - $22.20 500 sds - $33.75 1,000 sds - $57.40

LABLAB RUBY MOON - 5849
Climber. 100 S. A very showy climber with purple stems, lilac-rose blooms and shiny magenta seed pods. A tender perennial in many areas. Do not confuse the superior performance of Ruby Moon with many common types available.
25 sds - $7.55 50 sds - $12.35 100 sds - $17.70 250 sds - $33.75 500 sds - $56.20

NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL
DORONICUM

**Leopard’s Bane**

35,000 sds/oz  60°-70°  21 days

For the best germination do not cover seeds after sowing. Light will help germination. 2 to 2-1/2 in. Gerbera-like flowers, fine for cutting.

**LEONARDO COMPACT - 6633**

Perennial. 8-12 in. - 43,000 S.

D. orientale. One of the earliest daisy-flowered perennials to bloom, these make a bright display in the spring garden. Uniform flowering up to two weeks earlier than other varieties. Plants form a bushy mound of fresh green leaves, bearing loads of large yellow daisies for several weeks. Excellent for combining with tulips or other spring blooming bulbs. Foliage may go dormant in summer, particularly in hot, humid regions. Clumps may be easily divided in early fall. This strain boasts an even, uniform habit. Compact habit works great in quart and gallon pots. Weeks to finish: 17-20. Zones: 4-7

100 sds - $9.85  200 sds - $17.95
500 sds - $32.65  1,000 sds - $54.10
2,000 sds - $99.95  (28F0)

**LITTLE LEO - 5850**

Perennial. 12-15 in. - 28,000 S.

D. orientale. Very early, 2 1/2 in. bright yellow semi-double blooms. Dwarf, compact habit make it ideal for spring pot sales.

100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  (2880)

**DRACAENA**

7,500 sds/oz  80°  3-5 weeks

For best results, we suggest soaking the seed in warm water for 5-7 days before sowing. Change water daily to avoid fermentation. Sow seeds and cover with 1/16 in. of media, alternate soil temperature of 85° days and 70° nights.

**INDIVISA - 2388**

20-36 in. - 6,000 S.

A popular spiked foliage plant often used to provide height and contrast. This unique and very hardy plant can be grown at any light level. Add intrigue to your garden or container.

250 sds - $7.25  500 sds - $11.75
1,000 sds - $16.95  2,000 sds - $27.70
5,000 sds - $55.55  (29A0)

**DUSTY MILLER**

40,000-74,000 S. sds/oz  65°-70°  10 days

After sowing, do not cover seeds.

**CANDICANS - 2409**

6-12 in. - 46,700 S.

Unusual silvery gray-white foliage provides attractive contrast to bold colored or intensive colored garden flowers. Its leaves can be entire, deeply lobed or intricately lacy. Their frosty leaves accentuate other colors in the garden. Once established, they will thrive for several years.

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (31B0)

**CIRRUS - 2410**

10-12 in. - 40,000 S.

Senecio cineraria. A versatile foliage plant with silvery dusted leaves, somewhat similar to an oak leaf, with silvery, fuzzy stems. A fantastic versatile foliage plant with silvery dusted leaves, somewhat similar to an oak leaf, with silvery, fuzzy stems. A fantastic

100 sds - $8.10  200 sds - $13.55
500 sds - $23.70  1,000 sds - $38.35
2,000 sds - $69.70  (2880)

**NEW LOOK (PELLETED) - 2418PE**

12 in. - Senecio cineraria.

This variety offers a new look in comparison to existing varieties. The large, oak-leaf shaped white leaves are ideal for borders and combination plantings.

500 sds - $8.30  1,000 sds - $13.55
2,000 sds - $20.95  5,000 sds - $41.10
10,000 sds - $70.15  (30CO)

**SILVER DUST - 2415**

10 in. - 74,000 S.

Senecio Cineraria. Very fine silvery-white, wooly foliage. Excellent habit makes it ideal for borders, bedding or combinations.

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (31B0)

**SILVER DUST (PELLETED) - 2415PE**

10 in. - Senecio Cineraria. Very fine silvery-white foliage. Excellent habit makes it ideal for borders, bedding or combinations.

500 sds - $9.25  1,000 sds - $15.50
2,000 sds - $24.45  5,000 sds - $48.90
10,000 sds - $83.90  (30K0)

**ECHINACEA**

**Coneflower (Formerly Rudbeckia purpurea)**

7,000 sds/oz  70°  20 days

Outstanding cut flower, blooms July-September. Will flower the first year from seed. Will attract butterflies, hummingbirds, and songbirds all season as well as help repel deer. Praised for their cheerful brightly colored flowers, coneflowers are a mainstay in today’s garden. Be sure to leave some spent blooms on the plants in the fall because their seeds provide winter food for finches and other birds. Echinacea is best known for its ability to stimulate the body’s immune system, especially against colds, flu and other acute infections. Today, science uses this herb to treat burns, eczema, cold sores, herpes, and arthritis.

**ARTISAN COLLECTION**

Perennial. 16-28 in. - E. purpurea. (F-1 Hybrid). The first F-1 hybrid Echinacea collection from seed. Offers consistency of plant structure for a uniform, highly branched plant full of 2-4 in. blooms. It also provides uniformity of flowering, so all plants are ready to sell at the same time. The benefit of a seed input provides flexibility for production so its fits better in your schedule. For uniform flowering plants, production under short days (less than 10 hours of daylight) should be done until true leaves have developed. Enhanced seed for improved and more uniform germination. Weeks to flower: 18-22.

Zones: 4-10

**Red Ombre - 6687EN**  New for 2020  

Flowers open red and soften in color with age.

**Soft Orange - 6688EN**  New for 2020  

Flowers open deep orange and soften as they mature.

Each of the above: (24N0) 10 sds - $15.75
25 sds - $22.80  50 sds - $58.90
200 sds - $199.60  500 sds - $459.40

**BABY WHITE SWAN - 6494**

Perennial. 15-20 in. - 10,000 S.


100 sds - $10.40  200 sds - $19.45
500 sds - $35.65  1,000 sds - $59.35
2,000 sds - $110.10  (28G0)

**BRAYADO - 6224**

Perennial. 48 in. - 8,000 S.

E. purpurea. The ultimate selection in ornamental Echinaceas. Extra large rosy-red flowers with a maroon center. If the petals are removed, the center can be used as an ornamental; dried or fresh. Heat tolerant and winter hardy. Zones: 3-8

250 sds - $8.55  500 sds - $14.60
1,000 sds - $21.85  2,000 sds - $36.55
5,000 sds - $74.95  (29A0)
**ECHINACEA (continued)**

**CHEYENNE SPIRIT - 6217**
- **Perennial.** 18-30 in. - 7,000 S. E. E. purpurea. Hybrida. (All America Winner - 2013). Brilliant color range features sought after shades of red, orange, purple, scarlet, cream, yellow and white in an interesting mixture. Excellent genetics for extremely well-branched plants means more flowers on every plant. Attracts birds and butterflies.
  
  - 10 sds - $8.60
  - 50 sds - $27.60
  - 250 sds - $95.25

**GREEN TWISTER - 6492**
- **Perennial.** 24-36 in. - E. purpurea. A unique and striking bicolor. Abundant blooms with horizontally-arranged, lemon-green petals. The lively green bloom will show natural variations in the color and size of the green edge. Petals will transition to a light pink or carmine-red color near the center cone. Zones: 3-8
  
  - 25 sds - $9.80
  - 100 sds - $26.65
  - 500 sds - $90.85

**MAGNUS - 6231**
- **Perennial.** 40-48 in. - 7,500 S. (Perennial Plant of the Year). E. purpurea. Large, 4 in. rose-red blooms with a dark rose center. Ideal for borders or cut flower. Very hardy. Zones: 3-8
  
  - 250 sds - $8.55
  - 1,000 sds - $21.85
  - 5,000 sds - $74.95

**MELLOW YELLOWS - 6459**
- **Perennial.** 30 in. - E. purpurea. Beautiful spectrum of yellow shades, creamy, lemon and dark yellow. Abundant and long lasting blooms. Attracts butterflies and other pollinators. Zones: 4-8
  
  - 25 sds - $9.10
  - 100 sds - $23.70
  - 500 sds - $79.30

**POW WOW WHITE - 6603**
- **Perennial.** 16-24 in. - 7,000 S. E. purpurea. Pure, clean white with yellow center. More flowers per plant than any Echinacea on the market both first and second year. Well-branched and more uniform for a fuller look. Weeks to flower: 20. Zones: 4-9
  
  - 25 sds - $10.40
  - 100 sds - $29.65
  - 500 sds - $102.40

**PRAIRIE SPLENDOR SERIES**
- **Perennial.** 6,000-8,000 S. E. purpurea. Extra large blooms are presented atop compact, well-branched plants. Makes very distinctive potted plants. Vernalization is beneficial, but not necessary. Weeks to flower: 11-13. Zones: 3-9

**Compact Rose - 6226**
- 14-16 in. Deep-rose.

**Compact White - 6680**
- 14-16 in. Ivory white.

**Deep Rose - 6679**
- 22-24 in. Rose-pink. Blooms 2-4 weeks earlier than other varieties.

**PRIMADONNA WHITE - 6467**

**PURPLEPRAIRIE - 6219**
- **Perennial.** 48 in. - 7,500 S. E. purpurea. A hardy perennial with reddish-purple flowers. Ideal for borders or as a cut flowers. Zones: 4-10

**RUBY STAR - 6495**
- **Perennial.** 24 in. - 10,000 S. E. purpurea. Intense carmine-red flowers. Shorter petals that extend outward instead of drooping with a wider disk. Deep stem color. Zones: 3-8

**WHITE SWAN - 6223**
- **Perennial.** 36 in. - 10,000 S. E. purpurea. A hardy perennial that will bloom the first year if sown early. Pure white 4 in. flowers. Zones: 3-8

**ECHINOPS**
- **Globe Thistle**
  - 2,000 sds/oz 65°-70° 2 weeks
  - For the best germination do not cover seeds after sowing. Light will help germination. Blooms July - September. Nice cutflower, fresh or dried. Will attract butterflies all season.

**RITRO - 5871**
- **Perennial.** 24-36 in. - 2,000 S. Clean Seed. Globular, metallic blue flower heads on wooly stems. Outstanding fresh or dried. Zones: 3-8

**STAR FROST - 5870**
- **Perennial.** 36-40 in. - 1,800 S. E. bannaticus. Shorter and better branched than other species, with golf-ball size, silver white blooms and deep green foliage with silver undersides. Dries well for winter arrangements. Zones: 3-8
ERIGERON  
Fleabane, Spanish Daisy  
65°-70°  2 weeks  
Will bloom May-August of the same year from sowing. Roman naturalists detected that this herb repelled fleas - this is where the name fleabane was derived from. Grow in your garden to control insects by rubbing the leaves on your clothing or pets to repel fleas, mosquitoes, ticks, gnats, and flies. Nice cut flower.

AZURE FAIRY - 5874  
Plug.  18 in. - 120,000 S.  E. speciosus.  Semi-double lavender-blue, aster like flowers with golden yellow centers.  Zones: 2-8  
- 500 sds - $8.30  
- 1,000 sds - $13.55  
- 2,000 sds - $20.95  
- 5,000 sds - $41.10  
- 10,000 sds - $70.15

ERNGIUM  (continued)  
BLUE HOBBIT - 5917  

PURPLE SHEEN - 2262  
30 in. - 31,000 S.  E. leavenworthii.  An eye catching architectural thistle with vibrant metallic purplish-red flower stems and bracts.  Each of the above: (26E0) 50 sds - $10.40  
- 100 sds - $19.60  
- 250 sds - $38.20  
- 500 sds - $59.95  
- 1,000 sds - $104.65

ERYNGIUM  Sea Holly  
6,000 sds/oz  65°-75°  7-10 days  
For the best germination, freeze seed 3-5 days before sowing.  Will bloom June-September.

ERNGIUM  Sea Holly  
6,000 sds/oz  65°-75°  7-10 days  
For the best germination, freeze seed 3-5 days before sowing.  Will bloom June-September.

ERNGIUM  Sea Holly  
6,000 sds/oz  65°-75°  7-10 days  
For the best germination, freeze seed 3-5 days before sowing.  Will bloom June-September.

BLUE GLITTER - 5916  
Perennial.  36-40 in. - 20,000 S.  E. planum.  Only first year flowering Eryngium!  Small, shimmering blue-purplish flowers.  A durable perennial with long stems, ideally used for garden borders and as a fresh and dried cut flower.  Zones: 4-8  
- 50 sds - $13.55  
- 100 sds - $26.85  
- 250 sds - $54.25  
- 500 sds - $86.25  
- 1,000 sds - $151.90

ESCHSCHOLZIA  California Poppy  
18,000 sds/oz  70°  7-10 days  
Regarded as a tender perennial in many areas.  Whenever possible, direct seed.  Flowers close every night.

EUCALYPTUS  65°-75°  2 weeks  
BABY DWARF FLORIST BLUE - 6691  
Perennial.  12-30 in. - 31,500 S.  E. pulverulenta.  An absolute favorite with floral artists.  The more you pick, the bushier the plant becomes, giving you more useful foliage.  Foliage is an intense silvery blue with round leaves that appear to grasp the stem.  Good species for the smaller garden plot or grow in an air-pot on your terrace.  Zones: 8-11  
- 100 sds - $7.25  
- 200 sds - $14.20  
- 500 sds - $17.70  
- 1,000 sds - $27.85  
- 2,000 sds - $49.55

GLOBULUS (BLUE) - 5881  
Perennial.  42,000 S.  E. planum.  Only first year flowering Eryngium!  Small, shimmering blue-purplish flowers.  A durable perennial with long stems, ideally used for garden borders and as a fresh and dried cut flower.  Zones: 4-8

GLOBULUS (BLUE) - 5881  
Perennial.  42,000 S.  E. planum.  Only first year flowering Eryngium!  Small, shimmering blue-purplish flowers.  A durable perennial with long stems, ideally used for garden borders and as a fresh and dried cut flower.  Zones: 4-8

PLANTUS - 5882  
Perennial.  24-30 in. - 19,000 S.  A coarse, thistle-like, clump forming sea holly noted for producing an abundant crop of glittering steel blue flower heads on heavily branched stems.  Easy to germinate and grow.  Zones: 5-9  
- 1,000 sds - $7.95  
- 2,000 sds - $12.40  
- 5,000 sds - $22.95  
- 10,000 sds - $38.45  
- 25,000 sds - $80.95

SALICINA - 6681  
Perennial.  8,800 S.  E. planum.  Only first year flowering Eryngium!  Small, shimmering blue-purplish flowers.  A durable perennial with long stems, ideally used for garden borders and as a fresh and dried cut flower.  Zones: 4-8

SILVERDOLLAR GUM - 6689  
Perennial.  43,500 S.  E. polyanthemum.  A fast growing tree with an upright, rounded to irregularly shaped habit.  The gray green oval leaves are attached to the white stems by long leaf petioles which make the leaves dangle.  A peppermint scent is released when leaves are crushed.  Popular variety in cut flower arrangements.

 100 sds - $8.30  
200 sds - $16.55  
500 sds - $23.70  
1,000 sds - $38.35  
2,000 sds - $69.70
**EUCALYPTUS** (continued)

**SILVERDOLLAR - 6682**

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**SILVERDROP - 6683**

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**EUPHORHIA** (continued)

**GLITZ - 2425**

10-14 in. - 17,000 S. (F-1 Hybrid). E. graminea.
A glorious variety, sporting masses and masses of tiny white blooms held at the very tip of finely cut, pastel-green stems. Beautiful at all times, they show a special effect at twilight, when the tiny blooms linger in the gleaming night like a thousand points of light. Use in the garden like a florist uses Baby’s Breath, it spills delightfully over the sides of baskets and windowboxes, mounding gracefully. Heat and drought tolerant. Mid vigour and good branching. The ideal filler for containers of all types.

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**POLYCHROMA - 5884**

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**VARIEGATA - 2424**

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**FLAX**

**Annual Flax, Common Flax, Linseed Flax**

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**PODDED FLAX** - 3405

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**FELICIA**

20,000 sds/oz 70°-80° 20 Days

**SPRING MERCEN MIXTURE - 2411**

6-8 in. - 20,500 S. (Blue Daisy). Dwarf, heavily branched plant with attractive 1/4 in. flowers that are mostly sky blue with pink, rose, and purple. Ideal for packs, pots, or tubs.

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**ARIZONA APRICOT - 6810**

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**ARIZONA RED SHADES - 6811**

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**ARIZONA SUN - 5893**

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**GAILLARDIA** continued on next page
GAILLARDIA (continued)

BURGUNDY - 5896
=G= \( ^{\circ} \) Perennial. 28 in. - 10,000 S. G. grandiflora. Wine-red flowers. Will flower the first year from seed. Zones: 2-9
  - 100 sds - $7.25
  - 200 sds - $14.50
  - 500 sds - $36.25
  - 1,000 sds - $72.65
  - 2,000 sds - $145.30 (28A0)

GOBLIN - 5898
=G= \( ^{\circ} \) Perennial. 12 in. - 12,000 S. G. grandiflora. Red and yellow bicolor. Zones: 2-10
  - 250 sds - $10.90
  - 500 sds - $21.80
  - 1,000 sds - $43.60
  - 2,000 sds - $87.20 (29A0)

GAURA
1,500 sds/oz  \( 70^\circ \) 10-20 days
Light will help germination.

LINDHEIMERI (THE BRIDE) - 5901
=G= \( ^{\circ} \) Perennial. 36-42 in. - 3,000 S. Plants will produce 1 in. single white flowers which mature to pink early every Spring and Fall. Outstanding cut flower. Will flower the first year from seed.
  - 250 sds - $9.70
  - 500 sds - $19.40
  - 1,000 sds - $39.80
  - 2,000 sds - $79.60 (29A0)

SPARKLE WHITE - 5902
=G= \( ^{\circ} \) Perennial. 10-12 in. - 1,750 S. (All America Winner - 2014). Bring a touch of airy elegance to the garden with long slender stems sporting a large number of dainty white flowers tinged with a pink blush. This beauty is perfect mass planted in sun-drenched landscape beds, in groupings with other perennials or in larger containers. Home gardeners will appreciate that this season-long bloomer also has excellent heat tolerance and a more uniform flowering habit than other seed gauros.
  - 25 sds - $7.55
  - 50 sds - $12.30
  - 100 sds - $24.60
  - 250 sds - $49.20
  - 500 sds - $98.40 (29C0)

GAZANIA
12,000 sds/oz  \( 65-70^\circ \) 10-12 days
All varieties of Gazania are cleared seed. For the best germination, cover seeds lightly after sowing, needs darkness to germinate.

GAZANIA (continued)

GAZOO SERIES
8-10 in. - 12,000 S. (F-1 Hybrid). Show-stopping extra large, 3 in. flowers are displayed on strong stems and vigorous plants makes this a real winner in the garden. Bred for 4 in. pots and gallons.
Orange With Ring - 2258
Red With Ring - 2259
Mixture - 2574 A formula mixture of unique, clear and ringed colors.
  - Each of the above: (2850) 100 sds - $9.30
  - 200 sds - $16.55
  - 500 sds - $29.65
  - 1,000 sds - $48.85
  - 2,000 sds - $89.90

KISS SERIES
8-10 in. - 11,000-21,000 S. (F-1 Hybrid). Mounded plant habit, short stems with large, daisy-like flowers form a full bouquet. Bred for early, uniform and controlled habit, no growth regulators required. Well suited for 4 in. pots or full sun in the garden.
Frosty Orange - 3515  Frosty Red - 3512  Orange - 3525  Orange Flame - 3529
Rose - 3526  Yellow - 3528
Frosty Kiss Mixture - 3518
A formula mixture of silveryleaf colors that are not currently available within this series.
Mixture - 3524
  - Each of the above: (28A0) 50 sds - $7.55
  - 100 sds - $14.90
  - 250 sds - $29.80
  - 500 sds - $38.30
  - 1,000 sds - $57.40

NEW DAY SERIES
8-10 in. - 5,000 S. (F-1 Hybrid). More compact, robust plants with larger flowers held on shorter stems. Great for containers or in the garden as an edging or ground cover. Drought tolerant once established. Usually grown as a summer annual, may be grown as a perennial in zones 9-10.
COATED SEED.
Red - 2433PE
Mixture - 2431PE
Colors include Bronze Shades, Clear Orange, Pink Shades, Red Shades, White and Yellow.
  - Each of the above: (28F0) 50 sds - $9.85
  - 100 sds - $14.80
  - 250 sds - $32.60
  - 500 sds - $54.10
  - 1,000 sds - $99.95

TALENT MIXTURE - 2420
5 in. - 11,000 S. (F-1 Hybrid). Unique but well known for the silvery-gray foliage that is a backdrop to the bronze, orange, rose, white and yellow flowers makes this a pretty collection of treasured flowers. Repeating whenever weather is warm and sunny, the daisy like flowers feature a golden or orange eye surrounded by broader ray petals that may or may not have darker rings. Ideal for full sun borders or beds.
  - 100 sds - $8.65
  - 200 sds - $15.10
  - 500 sds - $26.65
  - 1,000 sds - $43.60
  - 2,000 sds - $79.80 (28D0)
GERANIUM, F-1 HYBRID
6,500 sds/oz 70°-75°  7-20 days
Temperature is very important, maintain 75° soil temperature during the germination period of 7-20 days. Space seed 1/4 in. apart in rows 2 in. wide. Use only sterilized media and cover lightly. Maintain an even moisture level throughout the entire process. Use a growing retardant for compact habit and early flowering.

These new F-1 Hybrid Geraniums from seed are disease-free, but you must follow clean cultural practices. The bushy, vigorous plants are self branching; no pinching by the grower is necessary. The extra F-1 Hybrid vigor of these varieties assures strong growth and free blooms until frost, and extremely versatile crop - may be grown in packs or pots. All seed is scarified for better germination.

BLACK VELVET ROSE - 2573
14 in. - 6,000 S. (F-1 Hybrid). (All America Winner - 2002). (Formerly Black Magic Rose). Bright rose flowers contrast attractively to the distinct bicolor leaf pattern, a deep zoned center with green leaf edging. The dark foliage contrasts beautifully with the bright rose umbels.

<table>
<thead>
<tr>
<th>Sds</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 sds</td>
<td>$12.10</td>
</tr>
<tr>
<td>100 sds</td>
<td>$35.65</td>
</tr>
<tr>
<td>500 sds</td>
<td>$123.50</td>
</tr>
</tbody>
</table>

BULLSEYE SERIES
13-15 in. - 6,000-7,000 S. (F-1 Hybrid). Rich chocolate foliage adds contrast to the beautiful blooms. Foliage retains its chocolate color even under high light conditions. Flowers 5-7 days later than Maverick. Weeks to flower: 14-16.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Sds</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry</td>
<td>2289</td>
<td>25 sds - $15.95</td>
</tr>
<tr>
<td>Red</td>
<td>2293</td>
<td>25 sds - $15.95</td>
</tr>
<tr>
<td>Scarlet</td>
<td>2292</td>
<td>25 sds - $15.95</td>
</tr>
</tbody>
</table>

Each of the above: (25C0) 25 sds - $9.10

BECAUSE OF RAPID INCREASE IN POPULARITY, WE ARE NO LONGER ABLE TO OFFER BLACK VELVET ROSE IN 2016.

MAVERICK SERIES
14-16 in. - 5,000-6,000 S. (F-1 Hybrid). Specially bred for consistent, reliable bench performance. This series is easy to grow and uniform to flower, with large 4-5 in. flower heads. Open plant habit allows for multiple flower stems, early flowering, and less yellowing of the leaves. Ideal in 4-6 in. pots or larger containers. Weeks to flower: 12-15.

Appleblossom - 2532 Light pink

<table>
<thead>
<tr>
<th>Variety</th>
<th>Sds</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coral</td>
<td>2501</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Orange</td>
<td>2504</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Pink</td>
<td>2544</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Quicksilver</td>
<td>2536</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Red</td>
<td>2545</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Silver</td>
<td>2506</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Scarlet</td>
<td>2557</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Scarlet Picotee</td>
<td>2508</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Star</td>
<td>2503</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>Violet</td>
<td>2499</td>
<td>50 sds - $23.20</td>
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<tr>
<td>Violet Picotee</td>
<td>2587</td>
<td>50 sds - $23.20</td>
</tr>
<tr>
<td>White</td>
<td>2558</td>
<td>50 sds - $23.20</td>
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</table>

Mixtures:

<table>
<thead>
<tr>
<th>Variety</th>
<th>Sds</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixtures</td>
<td>2475</td>
<td>50 sds - $12.80</td>
</tr>
</tbody>
</table>

Color Plant Tags
$2.59 per 100

Order Now to Save!
Order by 9/30 - Ship by 11/2
Receive an extra 30% discount
Your price is $2.59 per 100 tags

Order by 10/31 - Ship by 12/23
Receive an extra 25% discount
Your price is $2.86 per 100 tags

Order by 12/25
Receive an extra 10% discount
Your price is $3.29 per 100 tags

Available where Pixie Tags are sold. Order by 9/30. Shipping is calculated on order total. Order now to save.
**GERANIUM, IVY**

3,700 sds/oz  70°-75°  10-14 days

Cover seed with vermiculite at time of sowing. Allow 17-20 weeks for sowing to flowering in baskets.

**SUMMER SHOWER MIXTURE - 2575**

3,500 S. (F-1 Hybrid). A refreshing assortment of color in captivating cascades of ivy-leaved, vigorous plant. The neat, thick, glossy leaves and loose, elegant flower heads are perfect for window boxes and hanging baskets.

<table>
<thead>
<tr>
<th>Item</th>
<th>10 sds</th>
<th>25 sds</th>
<th>50 sds</th>
<th>100 sds</th>
<th>250 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$9.85</td>
<td>$20.35</td>
<td>$34.55</td>
<td>$54.40</td>
<td>$121.50</td>
</tr>
</tbody>
</table>

**GERANIUM, PERENNIAL**

2,500 sds/oz  65°-75°  10-14 days

Cover seed lightly. Sow July through August to vernalize plants for flowering sales the next spring. Sow 3-4 months in advance for green plant sales. Will attract butterflies and songbirds all season.

**VISION SERIES**

Perennial. 10-16 in. - 2,500 S. G. sanguineum. Spreading masses of color from late spring into summer, providing striking red foliage in the fall. The flowers add a nice contrast to the deeply lobed dark green leaves. Enhanced seed for better seed germination. Drought tolerant. Excellent series for rock gardens, stone walls or as a ground cover.

**KOI (ENHANCED) - 6599EN**

Perennial. 8 in. - 25,000 S. G. coccineum. The name really says it all. Lively orange flowers are held above downy, semi-evergreen foliage from early spring into summer. Ideal for pots on the patio, in border fringes or raised beds. A hardy plant which will survive normal winter conditions outside, especially if protected from the worst frosts. ENHANCED SEED for better and more uniform germination. Zones: 3-7

* Each of the above: (28C0) 100 sds - $8.10
* 250 sds - $14.10 500 sds - $23.70
* 1,000 sds - $46.90 (26C0)

**LADY STRATHEDEN - 5912**

Perennial. 24 in. - 20,000 S. G. avens. (Goldball). Double 3 in., 5-petaled, golden yellow flowers. Zones: 5-7

* 500 sds - $7.65 1,000 sds - $11.70
* 2,000 sds - $17.55 5,000 sds - $33.40
* 10,000 sds - $56.25 (26B0)

**MRS. BRADSHAW - 5913**

Perennial. 24 in. - 12,000 S. G. avens. Double 3 in., 5-petaled, orange-scarlet flowers. Attractive, fluffy seed heads form after bloom. Zones: 5-7

* 500 sds - $7.25 1,000 sds - $9.80
* 2,000 sds - $14.10 5,000 sds - $25.60
* 10,000 sds - $42.30 (30A0)

**MIXTURE - 5919EN**

A versatile performer that is well suited across. Weeks to flower: 16-18.

**SOLARIS SERIES**

Perennial. 6 in. - 20,000 S. G. globosa. Drivers in late summer, with bright maroon-rose flowers. Zones: 5-7

**GOMPHRENA**

5,000-12,000 sds/oz
GOMPHRENA (continued)

FIREWORKS (COATED) - 2250PE


- 25 sds - $10.20
- 100 sds - $28.15
- 500 sds - $96.60

GNOME PURPLE - 4722

6-10 in. - 12,000 S. G. globosa. This pretty purple-flowered dwarf globe amaranth offers continuous summer color and is ideal for container culture. Distinctive, round, brightly colored flowers cover this popular warm season plant in the heat of summer. Forms neat clumps and has simple, slightly fuzzy leaves of medium green. Deadheading is only necessary when the blooms turn brown. Ideal for smaller garden spaces.

- 250 sds - $9.70
- 1,000 sds - $26.60
- 5,000 sds - $94.25

PING PONG SERIES

16-20 in. - 9,500 S. Small ball-shaped blossoms in rich eye-catching shades. Add lively color and a distinctive silhouette to containers and garden beds. Plant in masses at the edge of the border or allow to mix and mingle with others in patio pots. Great for drying.

Lavender - 4723  New for 2020
Purple - 2604  Improved for 2020!
White - 4724  New for 2020
Mixture - 4725  New for 2020

A mixture of the above colors.

- Each of the above: (2800) 100 sds - $8.65
- 200 sds - $15.10
- 1,000 sds - $43.60

Las Vegas Mixture

QIS SERIES

- 20-24 in. - 10,000 - 16,500 S. G. globosa. The best strain for dried cut flower production. Large 1 1/2 to 2 in. flowers on strong, well-branched stems. Carmine, Orange and Red are Gomphrena haageana type which have a longer, less rounded flower head. Weeks to flower: 18.

Lilac - 2571  
Pink - 2579  
Purple - 2580  
Rose - 2581  
White - 2583  
Carmine - 2598  
Orange - 2576  
Red - 2582  
Mixture - 2603  

A complete mixture of all of the globosa type colors in the series.

- Each of the above: (2980) 250 sds - $8.55
- 500 sds - $14.60
- 2,000 sds - $36.55

Las Vegas Mixture

GOMPHRENA (continued)

LAS VEGAS SERIES

- 16-20 in. - 10,000 S. G. globosa. Big, full blooms bobbing atop slender stems. These flowers are very full, packed with florets of rich color. No sunny annual bed is complete. Blooms last a long time, look great in the sunny garden and keep coming all summer long. Superior heat tolerance. Though very versatile when it comes to soil type, needs good drainage and does best in reasonably fertile garden soil or potting mix. Plant them among your Marigolds and Petunias, Angelonias and Celosias, for a nice contrast in shape and texture. Cut stems for fresh or dried bouquets. Lovely in a container and perfect for large drifts in the meadow garden.

Pink - 2591  Soft pink.
Purple - 2592  Rich purple.
White - 2593  Pure white.
Mixture - 2594  A formula mixture.

Each of the above: (2880) 100 sds - $7.25
- 200 sds - $12.20
- 1,000 sds - $33.10

GORDY'S HAAGEANUM SERIES

A mixture of the above colors.

- Each of the above: (28D0) 100 sds - $8.65

GOURDS, ORNAMENTAL

150 sds/oz  75°

For quick germination, we suggest that before sowing, soak seeds in warm water for 2 days. Cover seeds about 1/8 in. and maintain 75° soil temperature.

BIRD HOUSE - 2496
140 S. This popular gourd can be used as an accent decoration or a backyard bird house.

LARGE & SMALL FRUITED MIX - 2495
A blend of large and small fruited varieties.

LARGE FRUITED MIX - 2493
135 S. A blend of large fruited varieties.

LUFFA (SPONGE) - 2492
250-300 S. Fruits are edible when young. Mature fruits resemble a sponge and are used as a beauty brush when bathing.

Each of the above: (10B0) 1/4 oz. - $7.60
- 1/2 oz. - $11.25
- 2 oz. - $27.15

OPO (UPO) LONG - 2429
195 S. (Bottle Gourd). 70-75 days. This cylindrical bottle gourd has flesh that is sweet, tender and delicious when harvested young. The fruits have a smooth, light green skin and mature to about 12-15 in. long. Very productive plants.

- 1/4 oz. - $8.55
- 1 oz. - $13.20

SMALL FRUITED MIX - 2494
600 S. A blend of small fruited varieties.

SPECKLED SWAN - 2432
140 S. 105 days. Graceful swan necked with many uses. An unusual two-toned green pattern that when dried, can be painted. Fruit weighs about 3 lbs. Not edible.

Each of the above: (1080) 1/4 oz. - $7.60
- 1 oz. - $11.25

MINIMUM ORDERS

We do NOT have a minimum order requirement! All orders shipped the same day received!
GYPSOPHILA, ANNUAL
24,000 sds/oz  70°-75°  10 days

COVEN GARDEN MARKET - 2626
*A 24 in. - 27,000 S. Attractive, 1/2 in. pure white flowers above the foliage cover strong wiry stems. The branching, airy habit makes wonderful filler in bouquets. Weeks to flower: 9-10.
5,000 sds - $8.10  10,000 sds - $11.65
25,000 sds - $21.45  50,000 sds - $38.55
(34A0)

GYPSY SERIES
8-10 in. - 500,000 - 1,000,000 S. Semi-double and double 1/4 in. rose-like flowers combined with loose, airy foliage. A higher number of blooms over a longer flowering season. Ideal bedding plant, suitable for borders, mixed combos, and hanging baskets. Weeks to flower: 10-12.
Deep Rose - 2585
(All America Winner - 2004). (Fleuroselect Quality Mark).
Pink - 2701
White - 2584
(All America Winner - 2018).
Each of the above: (28A0) 100 sds - $7.25
200 sds - $10.70  500 sds - $17.70
1,000 sds - $27.85  2,000 sds - $49.55
(31A0)

GYPSOPHILA, PERENNIAL
Baby's Breath
26,000 sds/oz  70°  10 days
For the best germination, do not cover seed after sowing. Light will help germination. Nice cut flower. Will flower the first year from seed.

PANICULATA DOUBLE SNOW FLAKE - 5922
*A 36 in. - 40,000 S. Airy, upright growth habit and profuse dainty small double white flowers in summer on branched stems. Popular for fresh or in dried arrangements. Will flower the first year from seed. Zones: 3-9
1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85
(31B0)

PIXIE SPLASH - 5926
Perennial
3-5 in. - 59,000-68,000 S. G. cerastoides. Attractive evergreen with a unique, eye-catching white with pink splash color. Mounded habit. Great for early Spring color. Use in beds, hanging baskets and containers. No cover with vermiculite needed. Needs a Winter period (below 40 degrees) of approximately 8 weeks to start flower induction. Weeks to flower: 30-36 for overwintering production. Zones: 4-7
100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65
(28B0)

GYPSOPHILA, PERENNIAL (continued)

REPENS ROSE - 5927
*A Perennial. 6 in. - 42,000 S. Fine for rock gardens or trailing plants. Will flower the first year from seed. Zones: 3-8

REPENS WHITE - 5925
*A Perennial. 6 in. - 35,000 S. Fine for rock gardens or trailing plants. Will flower the first year from seed. Zones: 3-8
Each of the above: (31B0) 1,000 sds - $7.25
2,000 sds - $10.40  5,000 sds - $18.45
10,000 sds - $30.10  25,000 sds - $61.85
(34A0)

HELENIUM
5,000 sds/oz  65-75°  3-5 days
Multi-seed pelleted have 3-4 seeds per pellet. Light not required for germination, but seedlings may stretch under low light conditions.

DAKOTA GOLD (MULTI-SEED) - 2612MP
25 sds - $10.40  50 sds - $19.60
100 sds - $29.65  250 sds - $60.10
500 sds - $102.40
(25F0)

RED AND GOLD HYBRIDS - 5424
*A Perennial. 48 in. - 130,000 S. H. helianthoides. Clusters of large flowers in shades of yellow, orange and bronze on upright plants. Flowering late summer and autumn. Zones: 3-8
500 sds - $7.25  1,000 sds - $9.80
2,000 sds - $14.10  5,000 sds - $25.60
10,000 sds - $42.30
(30A0)

HELICHRYSUM, BRACTEATUM
Strawflower
36,000 sds/oz  70°-80°  1 week
Provides dried flowers for winter bouquets. Nice cut flower, fresh or dried. Will attract butterflies all season. For the best germination, do not cover seeds after sowing in indented rows. Light will help germination.

CUT FLOWER SERIES
* 36 in. - 38,000 S. Very large flowers on tall, sturdy stems. Selected specifically for cut flower and dried production.
Fireball - 3416
Golden Yellow - 3412
Lemon Yellow - 3410
Orange (tetra) - 3415
Rose - 3414
White - 3418
Mixture - 3417
Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $8.60  5,000 sds - $13.90
10,000 sds - $21.65  25,000 sds - $42.90
(30A0)

HELIOPSIS
Yellow Daisy, Ox-Eye Daisy or False Sunflower
8,500 sds/oz  70°  2 weeks
Light will help germination. Blooms June-September. Will attract butterflies and songbirds all season. Nice cut flower. Will flower the first year from seed.

BURNING HEARTS - 5940
Perennial
40-48 in. - 7,700 S. H. helianthoides. An outstanding, large-growing, new native plant cultivar with purplish stems and topped with huge yellow and red daisy-like flowers. Recommended for attracting butterflies and other pollinators to its numerous nectar-rich flowers. Extremely cold hardy, it is an excellent choice for northern gardeners all the way to the Canadian border. Resistant to browsing rabbits and deer. A must have easy to grow variety. Zones: 3-10
25 sds - $9.10  50 sds - $15.95
100 sds - $23.70  250 sds - $46.90
500 sds - $79.30
(25F0)

SUMMER SUN - 5939
* 36 in. - 38,000 S. Very large flowers on tall, sturdy stems. Selected specifically for cut flower and dried production.

Flowers | Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed.com
42  NEW ITEM THIS YEAR  |  CUT FLOWER  |  1ST YEAR FLOWERING PERENNIAL
HELIOTROPE
50,000 sds/oz  75°  1-2 weeks
Will bloom from seed in 3-4 months. Needs heat and rich soil. For the best germination, do not cover seeds after sowing in indented rows. Light will help germination.

MINI MARINE (EXTRA DWARF MIX) - 2642
8 in. - 50,000 S. Very fragrant, large umbels of deep purple flowers on compact, uniform plants.

1,000 sds - $16.95  2,000 sds - $27.70  5,000 sds - $55.55  (29A0)

HELLEBORUS
Christmas Rose
3,500 sds/oz  55°  6 weeks
Frost germinator. Freeze seed for 2 weeks before sowing. Will repel deer from the garden. Nice cutflower. Will flower the first year from seed.

NIGER - 5941
Perennial. 15 in. - 3,000 S. Large, white flowers that often turn pink or deep pink salmon as they age. Leaves are dark green, sometimes with blueish tones and have a thick, leathery appearance. Zones: 6-8

100 sds - $8.65  200 sds - $15.10  500 sds - $26.65  1,000 sds - $43.60  2,000 sds - $79.80  (2800)

HERNIARIA
Rupturewort
28,000 sds/oz  65°  15 days
An evergreen trailing perennial with mat forming habit. Ideal in mass plantings or rock gardens.

GLABRA - 5936
Perennial. 4 in. - 500,000 S. Tiny tight green leaves on creeping stems form an extremely dense evergreen ground cover. Foliage turns red during winter for great winter interest. Tiny white star flowers in summer. Perfect for walkways, rock garden path or as a lawn substitute. Perfers full sun and dry soils.

1,000 sds - $7.25  2,000 sds - $8.60  5,000 sds - $13.90  10,000 sds - $21.65  25,000 sds - $42.90  (31A0)

HESPERIS
Sweet Rocket
14,000 sds/oz  70°  10-20 days
For the best germination, do not cover seeds after sowing in indented rows. Light will help germination.

MATRONALIS VIOLET - 5945
Perennial. 36-48 in. - 9,000-13,000 S. H. matrois. Sweetly scented flowers that bloom late spring to early summer. Evergreen foliage. Prefers full sun to part shade. Attracts butterflies, bees and birds.

500 sds - $7.25  1,000 sds - $9.80  2,000 sds - $14.10  5,000 sds - $25.60  10,000 sds - $42.30  (30A0)

HEUCHERA
Coral Bells
600,000 sds/oz  60°  2 weeks
For the best germination, do not cover seeds after sowing. Light will help germination. Will attract butterflies, hummingbirds and songbirds all season. Blooms May-August.

DALE’S STRAIN - 6006
Perennial. 24 in. - 435,000 S. H. saxifragaceae. Silver-blue marbled foliage. Flowers are pale white, but it’s the marbled foliage that makes this such a choice plant. Zones: 3-9

1,000 sds - $9.95  2,000 sds - $16.15  5,000 sds - $31.95  10,000 sds - $55.25  25,000 sds - $118.95  (31E0)

FIRELY - 5953
Perennial. 24 in. - 625,000 S. H. sanguinea. Nodding red bell-shaped flowers are held high on long thin wands over the tidy mounds of scalloped foliage. Fragrant flowers. Perfect for a shady courtyard, favorite container or under deciduous trees. Zones: 3-8

VIVID - 5944
Perennial. 18 in. - 555,000 S. H. sanguinea. Beautiful crimson-red flower spikes on green foliage. A great early season hummingbird favorite. Zones: 4-9

Each of the above: (34A0)  5,000 sds - $8.10  10,000 sds - $11.65  25,000 sds - $21.45  50,000 sds - $38.55

MARVELOUS MARBLE SILVER - 5965
Perennial. 4-8 in. - 415,500 S. Foliage perennial with changing leaf color. Early spring leaves are purple. As temperatures increase, leaf changes to green with dark veins. Good seed vigor and germination allows for more uniform plants. Excellent vigor for great pot and garden performance. Zones: 4-9

250 sds - $9.70  500 sds - $17.45  1,000 sds - $26.60  2,000 sds - $45.35  5,000 sds - $94.25  (29C0)

MELTING FEVER (PELLETED) - 5929PE
Perennial. 18 in. - 833,000 S. H. hybridra. Strong curled foliage with intense purple-red color. Young leaves are bright red, creating an exciting hot center. Flower stems are also deep red and carry clusters of very small white flowers. Zones: 4-6

25 sds - $19.45  50 sds - $32.80  100 sds - $51.55  250 sds - $114.90

PALACE PURPLE - 5950
Perennial. 18-22 in. - 535,000 S. (Perennial Plant of the Year). H. micrantha. Ideal for mass plantings. Beautiful deep yellow or white flowered plants with dark bronze, maple leaf shaped foliage. Plants will produce yellow blooms the second year. When transplanting, be sure to transplant only the bronze leaved seedlings. Zones: 4-8

1,000 sds - $8.10  200 sds - $13.55  500 sds - $23.70  1,000 sds - $38.35  2,000 sds - $69.70  (28C0)

ALPHABET SERIES - 5958
A mixture of all the above.

ROSE - 5958
24 in. - 1,000,000 S. H. hybrida. Strongly branching habit with compact growth make it an outstanding garden performer. (Will require protection where winters are very severe.) Zones: 5-9

BUSH ROSE - 5959
Perennial. 18 in. - 3,000 S. Low, sprawling habit. Ideal for mass plantings. Blooms May-August. Will attract butterflies and songbirds all season.

LUNA SERIES
Perennial. 24-36 in. - 2,800 S. Very dramatic and impressive plant with many large, eye catching, 6-8 in. flowers. A big, bushy, well branched plant. Excellent show in the ground, will make a neat hedge with multiple blooms. Also well-suited to large containers. Zones: 5

PINK SWIRL - 6578
Dark eye and pink picotee pattern.

RED - 6573

ROSE - 6574

WHITE - 6579

MAHOGANY SPLENDOR - 5910
Perennial. 36-60 in. - 2,250 S. H. acacetosella. Deep burgundy, maple shaped leaves with serrated edges are similar to a Japanese Maple. The foliage will have green/rust tones in the greenhouse, but will mature to burgundy in full sun outdoors. Fantastic as a pond plant, it can be grown directly in water. Drought and heat tolerant. Deer resistant. Supplied as scarified seed with an 85% germination standard. Weeks to germination. Blooms July - September. Will attract butterflies and songbirds all season.

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed.com | Flowers

NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL

43
HOLLYHOCK
Alcea Rosea
2,000 sds/oz  60°  10 days
Will attract hummingbirds and butterflies all season.

CHATERS DOUBLE SERIES-RAW SEED
Perennial.  72 in. - 5,500 S. Tall spikes of 3-5 in., soft, ruffled, fully double flowers. Perfect for the back of borders and along fences and walls. Blooms June-September. RAW SEED. Zones: 5-8
Maroon - 5970
Newport Pink - 5974
Salmon - 5990
Scarlet - 5973
White - 5976
Yellow - 5975
Mixture - 5977
Each of the above: (29A0)  250 sds - $7.25  500 sds - $11.75  1,000 sds - $16.95  2,000 sds - $27.70  5,000 sds - $55.55

CREME DE CASSIS - 6505
Perennial.  60-72 in. - 2,000 S. Veined rose-purple flowers fade to pale berry shades. A variety of single, double and semi-double blooms all have a bright yellow eye. Zones: 3-9
50 sds - $11.35  100 sds - $21.40  250 sds - $42.20  500 sds - $66.55  1,000 sds - $116.45

HALO SERIES
Perennial.  60-70 in. - 6,500 S. Distinctive colors, no other hollyhock looks like these. Extra large, two-tone single blooms. Very hardy, surviving frigid winters and sweltering summers. In most gardens it will begin flowering in midsummer and continue through the season. These giant flower stems sport numerous blooms crowded together. When fully opened, they are a solid wall of rich color. Enhanced seed for better and more uniform germination. Destined to become a showstopper in a sunny border, meadow garden or perfect behind shorter, bushier plants. This stunning cottage garden perennial make a beautiful cut flower for a vase indoors and the edible flowers can even be added to salads for an attractive, tasty treat. ENHANCED SEED. Zones: 3-9
Pink - 5980EN
Lavender pink with yellow eye.
Mixture - 5985EN
Assortment of eight unique colors.
Each of the above: (25C0)  25 sds - $9.10  50 sds - $15.95  100 sds - $23.70  250 sds - $46.90  500 sds - $79.30

INDIAN SPRING - 2654
48-60 in. - 2,000 S. (All America Winner - 1939). Will bloom in 5 months from seed. A mixture of semi-double flowers in light pink to crimson rose shades.
250 sds - $7.25  500 sds - $11.75  1,000 sds - $16.95  2,000 sds - $27.70  5,000 sds - $55.55

HOLLYHOCK (continued)
PEACHES 'N DREAMS (ENHANCED) - 6501EN
Perennial.  48-60 in. - 3,000 S. The ultimate cottage garden plant. Tall, stately flower spikes covered with fully double 4 in. soft creamy peach flowers tinged in raspberry pink. Easy to grow, sow seed in the fall for spring blooms. Will flower the first year from seed. ENHANCED SEED for better and more uniform germination. Zones: 2-9
50 sds - $11.35  100 sds - $21.40  250 sds - $42.20  500 sds - $66.55  1,000 sds - $116.45

SINGLE FLOWERED
Black Beauty - 5961
Perennial.  70 in. - 2,000 S. Heirloom. Attention getting deep black satiny single flowers with a deep maroon center. Easy to grow, will bloom all summer. Zones: 5-8

Nigra - 5979
Perennial.  60 in. - 2,000 S. (The Watchman). Unique dark maroon single flowers. Zones: 5-8
Each of the above: (29A0)  250 sds - $7.25  500 sds - $11.75  1,000 sds - $16.95  2,000 sds - $27.70  5,000 sds - $55.55

Happy Lights Mixture - 5919
Perennial.  60 in. - 3,000 S. An improved selection with an outstanding color range of single flowers varying from white, red, purple, yellow and every color in between. Good habit and free-flowering. Will flower the first year from seed.
250 sds - $9.70  500 sds - $17.45  1,000 sds - $26.60  2,000 sds - $45.35  5,000 sds - $94.25

HUNNEMANNIA
Bush Escholzia, Mexican Tulip Poppy
8,000 sds/oz  70°  2-3 weeks

SUNLITE - 2646
Polka Dot Plant, Sanguinolenta
25,000 S. sds/oz  70°-75°  3-5 days

HYPHOESTES
Polka Dot Plant, Sanguinolenta
25,000 S. sds/oz  70°-75°  3-5 days

SPASH SERIES
10-18 in. - 21,500-27,000 S. Excellent shelf life and well suited for shaded garden beds. Weeks to flower: 12.
Pink Select - 1151
Red Select - 1150
White Select - 1153

IBERIS
Hardy Candytuft
7,000 sds/oz  60°  15 days
For the best germination, do not cover seeds after sowing. One of the easiest foliage plants to grow from seed. Bright green leaves are splashed with polka dots. A good sized 4 in. pot can be made in 12 weeks from date of sowing.

SEMPERVIRENS - 5988
Perennial.  6-8 in. - 9,000 S. (Snowflake). Clusters of small, bright white flowers borne on mats of narrow, deep green leaves. A nice groundcover that blooms early May through the season. Zones: 3-9
250 sds - $7.25  500 sds - $11.75  1,000 sds - $16.95  2,000 sds - $27.70  5,000 sds - $55.55

WHITEOUT - 5989
Perennial.  6-8 in. - 10,000 S. Easy to grow, hardy perennial. Delivers more uniform flowering and plant habit than Snowflake or Lake Tahoe. The improved branching and center fill provides a more attractive finished plant. No pinching needed for less labor and plant loss. Zones: 3-8
100 sds - $8.65  200 sds - $15.10  500 sds - $26.65  1,000 sds - $43.60  2,000 sds - $79.80
**IMPATIENS DMR**

Light required for germination. Cover seeds lightly with a medium grade vermiculite to retain a moist environment for germination. 8-10 weeks sowing to flower in packs. 10-12 weeks for 4-inch pots.

DOWNY MILDEW RESISTANCE! These two series have been bred to be HIGHLY downy mildew resistant. Now it is time to take back the shade!

Since 2011, Impatiens downy mildew (IDM) has decimated Impatiens beds across the globe. IDM is caused by a host-specific water mold, Plasmodiophora obducescens. When present, and environmental conditions are met (high humidity and cool night temperatures), the disease can spread rapidly, resulting in flower drop and eventually plant collapse – a loss of impatiens in your garden! Both airborne and overwintering spores meant this popular shade garden flower couldn’t be grown with confidence because of the threat of disease.

At first, gardeners planted alternatives for shade colour: Begonia, Torenia, Coleus, as well as New Guinea Impatiens, which are not susceptible to the disease. But nothing could take the place of the traditional Impatiens walleriana garden fill, color range and performance.

What is HIGH RESISTANCE? The plant highly restricts the growth and/or development of the pathogen/damage it causes under normal pressure when compared to susceptible varieties under similar environmental conditions and pressures.

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**IMPATIENS F-1 HYBRID (continued)**

**BEACON SERIES**

10-12 in. - 45,000 S. (F-1 Hybrid). No-Risk Colour for the Garden! Fill your gardens once again with bright, long-lasting color without the risk of disease! Breeder tests have proven Beacon’s high resistance to Impatiens downy mildew from sowing all the way through the gardening season. It has the same plant structure, flowering time, flower size and culture as traditional garden impatiens. Now plant shade landscapes with confidence! Ideal in packs, pots, baskets and window boxes. More info available at www.beaconimpatiens.com

Weeks to flower: 7-9 for packs.

Bright Red - 2788
Coral - 2786
Orange - 2787
Salmon - 2789
Violet Shades - 2790
White - 2791
Red White Mixture - 2792
Red and white.
Select Mixture - 2793
A blend of all colors.

Each of the above: (3070) 1.000 sds - $23.40 2.000 sds - $45.30 5.000 sds - $111.40 10,000 sds - $219.10

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**IMARA XDR SERIES**

10-12 in. - 50,000 S. (F-1 Hybrid). Take back the shade! The first Impatiens walleriana with a high degree of resistance to downy mildew. Proven landscape performance that fights back with reliable flowering all season long. Revive your Impatiens sales with this easy and economical to produce series, ideal for high density growing in packs and pots.

Results for the resistance were confirmed in independent trials in North America and Europe including trials in 2017 and 2018 at Cornell University’s Long Island Horticultural Research and Extension Center. More info available at www.geraniaseed.com/XDR

Weeks to flower: 8-10 for packs; 10-12 for pots.

Orange - 2794
Pink - 2815
Red - 2797
Salmon - 2798
Purple - 2796
Red Star - 2818
Salmon Shades - 2799
White - 2816
Mixture - 2817
A complete mixture of all the above.

Each of the above: (3070) 1,000 sds - $20.85 2.000 sds - $35.95 5,000 sds - $88.10 10,000 sds - $172.50

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**NO-RISK COLOR FOR THE GARDEN**

Fill your gardens once again with bright, long-lasting colour. NEW Beacon Impatiens from PanAmerican Seed offers high resistance to Impatiens downy mildew and won’t collapse due to this destructive disease. For lasting colour, you can rely on Beacon to thrive.

Available in 6 colours and 2 mixes, you can fill baskets, window boxes, and shade landscapes with confidence.

- No more than 4 hours of sun each day
- **Height:** 10-12 in./25-30cm  **Spread:** 12-14 in./30-36 cm
IMPATIENS, F-1 HYBRID
30,000 - 50,000 sds/oz  72°-76°  5-8 days
7-8 weeks sowing to flower in packs. The number one bedding plant in North America, Impatiens offer a wide array of brilliant colors and thrive with minimum care. Blooms continuously from mid-summer until frost. A most valuable bedding plant for shady places. As a pot plant they bloom the year round. Impatiens are easily grown from seed.

For satisfactory germination, soil temperature of 72°-76° must be maintained at all times with an even moisture level. Do not cover seeds with mix or media, light induces a more even and higher germination level. Use bottom heat if possible. (Keep seed flats out of direct sunlight.) Due to the breeder's development efforts, we can assure you of a high germination percentage of at least 92% on all Super Elfin, Accent and Xtreme varieties.

ACCENT SERIES
10-12 in. - 40,000 S. (F-1 Hybrid).
A gardener's choice! Early flowering, large flowers with compact, but vigorous growth habit. Ideal in pots, packs or baskets. Improved uniformity in flowering. Premium seed quality, minimum 95% germination of all varieties at NO premium price to you. Weeks to flower: 10-13.

Bright Eye Premium - 2773
Burgundy - 2595
Deep Orange Premium - 2768
Deep Pink - 2835
Lavender Blue - 2772
Lilac Premium - 2741
Pink Premium - 2745
Red Premium - 2746
Rose Premium - 2747
Salmon Premium - 2740
Violet Premium - 2748
White Premium - 2749
Limited Edition Mixture Premium - 2735
Deep Orange, Lilac, Pink, Red, Rose, Salmon and White.
Mixture - 2750
Complete mixture of all colors.
Peppermint Premium - 2820
Bright Eye, Pink, Red, and Rose.
Each of the above: (30U0)  500 sds - $10.90
1,000 sds - $19.25  2,000 sds - $35.50
5,000 sds - $84.60  10,000 sds - $160.45

CORAL
Crop failure. As a substitute, we suggest Accent Salmon Premium.

IMPATIENS, F-1 HYBRID (continued)

ACCENT STAR SERIES
8-10 in. - 34,800 S. A part of the Accent Series with early flowering, large bicolor starred flowers. Weeks to flower: 10-13.

Orange Premium - 2781
Red - 2782
Rose - 2783
Violet Premium - 2784
Each of the above: (30U0)  500 sds - $10.90
1,000 sds - $19.25  2,000 sds - $35.50
5,000 sds - $84.60  10,000 sds - $160.45
Mixture - Sorry, no longer available.

SUPER ELFIN SERIES
7-8 in. - 30,000-50,000 S. (F-1 Hybrid). Very dwarf, base-branching habit with free-flowering form that requires no pinching. We will only be selling this uniseed premium quality of 95%+ germination of all varieties at NO premium in price to you. Starburst series features a butterfly/star pattern fading to a solid color margin. Please note the XP colors, new for 2008. Super Elfin XP delivers a tight bloom window of 5 to 7 days, plus larger flowers than comparable varieties.

Blue Pearl Xp - 2717
Bright Orange - 2714
Coral Xp - 2710
Lilac Xp - 2766
Lipstick - 2723
Hot rose.
Pink Xp - 2716
Punch Xp - 2767
Red Starburst Xp - 4393
Vibrant red margin with stable white stardust pattern.
Red Xp - 2721
Rose Xp - 2722
Ruby - 2733
Salmon Splash Xp - 2718
Orange-salmon eye on lighter orange-salmon background; eye becomes more prominent as the blooms mature.
Salmon Xp - 2724
Scarlet Xp - 2725
Violet Starburst Xp - 4374
Bright violet margin with stable white stardust pattern.
Violet Xp - 2730
White Xp - 2726
Clear Mixture Xp - 2863
A solid color mixture of Blue Pearl, Coral, Pink, Punch, Red, Rose, Salmon, Violet and White.
Mixture - 2711
A blend of all colors in this series.
Paradise Mixture - 4400
A blend of Lavender, Lipstick, Melon XP and Violet XP.
Each of the above: (30U0)  500 sds - $10.60
1,000 sds - $19.85  2,000 sds - $38.25
5,000 sds - $93.75  10,000 sds - $183.55

IMPATIENS, F-1 HYBRID (continued)

XTREME SERIES
8-10 in. - 35,000 S. (F-1 Hybrid). Best choice for a uniform, early and compact series. Minimum PGR requirement and reduced stretching in the pack make it very grower friendly. Well suited for high-density mass production, with a minimum germination of 95%. Weeks to flower: 8-10.

Bright Eye - 2893
White blush with cherry eye.
Bright Rose - 2897
Vivid rose pink.
Lavender - 2736
Lilac - 2827
Orange - 4888
Pink - 2738
Red - 2770
Salmon - 2826
Scarlet - 2839
Violet - 2895
White - 2855
Hot Mixture - 2853
Red, Salmon, Scarlet, and White.
Mixture - 2896
Complete mixture of all colors.
Rosey Mixture - 2779
Pink, Rose, Violet, and White.
Sapphire Mixture - 4889
Pink, Lavender, and Violet.
Tango Mixture - 4967
Red, Scarlet, and Violet.
Each of the above: (30U0)  500 sds - $10.90
1,000 sds - $19.25  2,000 sds - $35.50
5,000 sds - $84.60  10,000 sds - $160.45

IMPATIENS, NEW GUINEA
10,000-17,000 sds/oz  72°-78°  6-8 days
Cover seed lightly with coarse vermiculite.
Maintain 100% humidity. Keep soil temperature at 70° after germination until transplant.

DIVINE ORANGE - 4805
10-14 in. - 17,000 S. I. hawkeri. (F-1 Hybrid). Bronze leaf. Great branching habit produces a lot of flowers all season long. Versatile for in-ground and container use. Weeks to flower: 10-12.

FINCH - 4817
8-12 in. - 13,500 S. I. hawkeri. (F-1 Hybrid). Uniform and well-branched plants are paired with large, flat vibrant flowers held just over the foliage. Strong tolerance to downy mildew. Better branching and more compact than previous types. Use for premium packs, pots and hanging baskets. Weeks to flower: 12-14.
IRESINE, HERBSTII
45,000 sds/oz 70°-74° 3-7 days
Cover seeds with coarse vermiculite. Reddish foliage indicates plants need more fertilizer. High light levels and high fertilizer will give foliage a wrinkled look.

PURPLE LADY - 2165
6-8 in. - 39,000 S. Dark purple foliage plant available for the first time from seed. Low, spreading habit to 36-48 in. will cascade as branches get longer and heavier. Good groundcover in garden, accent in mixed containers, or as a single basket item. Shade to part sun, with higher sun tolerance in humid areas. Weeks to finish: 4 in.; 13-14 for 10 in.

25 sds - $10.40  
50 sds - $19.60
100 sds - $29.65  
200 sds - $60.10
500 sds - $102.40  
(25G0)

KALE, FLOWERING
Boschia oleracea (Acephala Group)
5,000-10,000 sds/oz 70-75° 10 days
Easily grown in organically rich, consistently moist, well-drained loams in full sun. Ornamental cabbage and kale are cool weather plants that need cool temperatures to produce best leaf colors. In mild winter climates, plants often survive winter and remain attractive until they bolt in spring.

CORAL QUEEN - 4542
8 in. - 6,000-10,000 S. Red center with purple green edge. The feathered leaves are all deeply serrated. This variety has a larger head that is supported by a thick, sturdy stem of moderate height. The plants can withstand a severe cold winter and work well in wet conditions as they open, feathery leaves are less likely to trap and hold water than fringed and round leaved types.

25 sds - $8.10  
50 sds - $13.55
100 sds - $23.70  
200 sds - $46.90
500 sds - $79.30  
(25C0)

CRANE FEATHER SERIES
20-36 in. - 7,000 S. (F-1 Hybrid). The first uniform feathered kale. The texture brings a contemporary flair to arrangements and bouquets.

King (white) - 4705
Queen (red) - 4706

Each of the above: (26G0) 50 sds - $10.40
100 sds - $19.60  
250 sds - $38.20
500 sds - $59.95  
1,000 sds - $104.65

KALE, FLOWERING (continued)
CRANE SERIES
24 in. - 8,500-10,500 S. (F-1 Hybrid). A long lasting cut flower variety that can also be used as a cool season garden accent. The tight, colorful heads look like immense roses. Average temperature below 60 degrees needed for flowers to develop color.

Bicolor - 4698
Rose center surrounded by creamy white with green outer petals.

Red - 4699
Green leaf tips with a delicate rose-purple center.

Rose - 4727
Rosy-purple centers with gray-lavender outer leaves.

White - 4700
Creamy white and pink.

GLAMOUR RED - 2627
12 in. - 9,000 S. (All America Winner - 2011). The first kale to win the AAS award since 1932! Unusually shiny fringed leaves that are waxyless which create an intense, vivid color. Flower head is in the 10 to 12 inch range. Once night time temperatures dip below 55 degrees needed for flowers to develop color. In mild winter weather plants that need cool temperatures and stay below 55 degrees for a couple of weeks, the leaves start exhibiting their bulls-eye coloring. Weeks to finish: 12-14.

25 sds - $9.10  
50 sds - $15.95
100 sds - $23.70  
200 sds - $46.90
500 sds - $79.30  
(25C0)

NAGOYA SERIES
8 in. - 6,000-8,500 S. (F-1 Hybrid). Leaves are waved and fringed. Early with uniform growth habit.

Red - 2408
Improved for 2019! Red on green.

Mixture - 2256
White - 2257

PEACOCK SERIES
12-18 in. - 7,500 S. (F-1 Hybrid). Finely cut, feathery leaves. Dwarf, compact habit.

Red - 2624
White - 2625

Mixture - 2628

Each of the above: (28C0) 100 sds - $7.25
200 sds - $10.70  
500 sds - $17.70
1,000 sds - $27.85  
2,000 sds - $49.55

KENILWORTH IVY
Linaria Cymbalaria
600,000 sds/oz
Trailing plants for rock gardens. Small lilac flowers; foliage in long drooping sprays.

KENILWORTH IVY - 6013
Perennial. 6 in. - 170,500 S. Trailimg plants for rock gardens. Little scalloped leaves form a low mat, studded with tiny lilac-blue, snapdragon-like flowers. Often included in hanging baskets or containers. Zones: 3-8

1,000 sds - $7.25  
2,000 sds - $10.40
5,000 sds - $18.45  
10,000 sds - $30.10
25,000 sds - $61.85  
(31B0)

LARKSPUR
8,000 sds/oz 55° 21 days
For the best germination, cover seeds lightly after sowing. Darkness will help germination. Freeze seed 3-5 days before sowing.

Sow outdoors in late fall or in early spring as soon as the ground can be worked. 2 lbs. seed will grown an acre, 1 oz. a row 600-700 ft. For growing under glass, space 10 in. x 10 in. on raised benches and maintain a gray temperature of not over 50°. Seed does not germinate well in hot weather. If a sowing must be made in summer heat, chill it for several days in a refrigerator (45°-50°) or set the seed flat under a bench or in a cool shed. It takes from 2-3 weeks to germinate, sometimes longer. Following varieties are the best for growing under glass and outdoor cultivation. They retain the desirable height and basal branching habit of the Giant Imperials; have Delphinium-like florets on long, thick spikes. Will attract hummingbirds all season.

FROSTED SKIES - 2287
38 in. - 11,000 S. 2 in. pure white, double flowers with picotee blue edges.

25 sds - $8.30  
500 sds - $8.30  
1,000 sds - $13.55
2,000 sds - $20.95  
5,000 sds - $41.10
10,000 sds - $70.15  
(30C0)

QIS SERIES
36 in. - 8,500-11,000 S. Delphinium consolida. An improved series with considerable improvement over standard varieties with regard to uniformity, color and stem quality. The best series for cut flower production.

Carmine - 4825

Dark Blue - 4826

Light Blue - 4827

Light Pink - 4828

Lilac - 4894

Rose - 4829

White - 4830

Mixture - 4831

Each of the above: (31C0) 1,000 sds - $7.95
2,000 sds - $12.40  
5,000 sds - $22.95
10,000 sds - $38.45  
25,000 sds - $80.95

RUSTIC SERIES
36-40 in. - 23,500-31,000 S. Consolida regalis. Unique alternative to baby’s breath. Airy, sprays of 1/2 in. single, spurred blooms. Bushy plants produce loads of stems for cutting over a long harvest period. Perfection addition to any bouquet.

Blue Cloud - 2094

Snow Cloud - 2087

Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $8.60  
5,000 sds - $13.90
10,000 sds - $21.65  
25,000 sds - $42.90

30% Discount Off your Seed Orders of $500 or more when booked by Oct 31st!
LATHYRUS (SWEET PEA)
Hardy Sweet Pea
500 sds/oz  55°-65°  3 to 4 weeks
Soak seed in water for 24 hours before sowing. Sow 2 in. deep. A climbing vine that's useful as a screen. Flowers are nice for cutting. Thrives in cool climates with full sun. Will bloom June-September.

MIXTURE - 6022
Perennial. A mixture of pink, red and white.

100 sds - $7.25
500 sds - $20.70
2,000 sds - $59.65
(2880)

LAURENTIA
Isotoma
61°-64°  100-115 days
For best germination, plant in full light and maintain low humidity.

STARSHINE SERIES
12-14 in. - 282,000 S.  (F-1 Hybrid). Soft green foliage disappears beneath a mass of gorgeous star-shaped flowers. Well branched and early flowering with amazing heat tolerance. Ideal for containers and baskets. This lovely variety emits a feel-good fragrance. Weeks to finish: 8-14 (24-36 weeks overwintered.) Zones: 6-8

50 sds - $7.55
250 sds - $22.20
1,000 sds - $57.40
(26A0)

BANDERA SERIES
1. Perennial. 7-9 in. - 25,500 S.  L. stoechas. (Spanish Lavender). Cute and compact, a winning combination. Excellent branching with an abundance of flower spikes which heavily cover the plant. Produces a compact and bushy, no pinch plant with great flower power. Long flowering and self-cleaning with good secondary flush of flowers. Will attract butterflies and honeybees. Plant near the front of a border or in patio containers to enjoy the lavender fragrance. Zones: 7-10

50 sds - $5.70
100 sds - $11.40
250 sds - $22.80
500 sds - $33.75
1,000 sds - $67.50
(26A0)

TRISTAR SERIES
8 in. - (F-1 Hybrid). Attractive star-shaped flowers on a cushion of medium green finely cut foliage. Lovely mounding habit. Flowers throughout the summer. Extremely charming in window boxes, containers and hanging baskets. PELLETED SEED.

Sky Blue - 4902PE
White - 4903PE
Mixture - 4904PE

Each of the above: (28D0)
100 sds - $8.65
200 sds - $15.10
500 sds - $26.65
1,000 sds - $43.60
2,000 sds - $79.80

Lavandula.
Also see listing of Lavandula under Herbs.

LAVANDULA

LAVENDER
28,000 sds/oz  65°-72°  14-20 days
Freeze seed for 5-7 days before sowing. Needs light to germinate. Nice cutflower that will bloom June-September. Will attract butterflies and repel deer all season. Herb of the Year 1999.

AVIGNON EARLY BLUE - 6615
1. Perennial. 10-12 in. - 37,000 S.  L. angustifolia. Deep blue spikes with green colored leaves. Shear back in early Spring to rejuvenate the plant and keep it full and bushy. Well-branched, bushy plant has a feel-good fragrance. Weeks to finish: 10-14 (24-36 weeks overwintered.) Zones: 6-8

50 sds - $7.55
100 sds - $12.35
250 sds - $22.20
500 sds - $33.75
1,000 sds - $67.40
(26A0)

BLUE SCENT - 6597
1. Perennial. 14 in. - 28,000 S.  L. angustifolia. Beautiful spikes of fragrant lavender flowers with blue overtones rising above the foliage from early to late summer, which are most effective when planted in groupings. The flowers are excellent for cutting. It has attractive grayish green foliage. The fragrant needles are ornamental. Under low maintenance shrub and can be pruned at anytime. Good choice for attracting butterflies and bees to your yard, but is not particularly attractive to deer. Has no significant negative characteristics. Weeks to finish: 8-12. Zones: 6

100 sds - $8.65
200 sds - $15.10
500 sds - $26.65
1,000 sds - $43.60
2,000 sds - $79.80
(28D0)

LAVANDULA (continued)

BLUE SPEAR - 6616
1. Perennial. 11-13 - 27,000 S.  L. angustifolia. The showiest English Lavender you can grow and sell! Bigger and taller spikes than any other lavender, with more upright flower stems that stand closer to each other for huge impact from a distance. Very easy to grow, with high uniformity, good habit and earliness. Weeks to finish: 11-15. Zones: 6-8

50 sds - $8.30
100 sds - $14.20
250 sds - $26.15
500 sds - $40.30
1,000 sds - $69.20
(26B0)

ELLAGANCE SERIES
Perennial. 12-14 in. - 20,000 S.  L. angustifolia. Large, densely filled spikes with great appeal. Well branched bushy plants. Enhanced seed for better and more uniform germination. Weeks to finish: 10-12 (24-36 weeks overwintered). ENHANCED SEED. Zones: 5-7

Pink - 6604EN
Purple - 6607EN 1. Purple blue.
Sky - 6608EN 1. Light lavender blue.
Snow - 6605EN 1. True White.
Mixture - 6609EN 1. Each of the above: (28E0)

70 sds - $9.30
200 sds - $16.55
500 sds - $29.65
1,000 sds - $48.85
2,000 sds - $89.90
(31A0)

ENGLISH LAVENDER - 6516
Perennial. 16 in. - 23,000 S.  L. vera.  (True Lavender). Heirloom. Dried flowers used as a moth repellant. Sweet-scented lilac flowers. Looser habit and paler foliage than many of the other varieties. Zones: 5-9

500 sds - $7.25
2,000 sds - $29.60
(28A0)

HIDCOTE BLUE (ENHANCED) - 6027EN
1. Perennial. 12 in. - 30,000 S.  L. angustifolia. Strongly scented flowers of midnight blue bloom June-September. Compact plants with darker silver-gray foliage. For fresh or dried use. ENHANCED SEED for improved and more uniform germination. Zones: 5-9

100 sds - $7.25
200 sds - $10.70
500 sds - $17.70
1,000 sds - $27.85
2,000 sds - $49.55
(28A0)

LAVANCE SERIES
Perennial. 10-20 in. - 31,000 S.  L. angustifolia. The most intense spike and flower color of all seed Lavenders. Offers the perfect combination of true first year flowering with an excellent uniform, compact plant habit. Good base-branched habit, producing an excellent rich flush of attractive spikes with deep purple sepals and purple petals. Grows well and finishes quickly in the second part of the first year flowering season (potting Week 28 onwards). Can also be scheduled for a traditional overwintering production with potting in Weeks 28-32. Zones: 5-8

LAVANCE DEEP PURPLE - 6023

100 sds - $9.30
200 sds - $16.55
500 sds - $29.65
1,000 sds - $48.85
2,000 sds - $89.90
(28E0)
LAVANDULA (continued)

**MINI BLUE (ENHANCED)**
Crop failure. As a substitute, we suggest Lavance Deep Purple.

**MUNSTEAD STRAIN - 6028**
- 500 sds - $7.25
- 1,000 sds - $14.10
- 2,000 sds - $21.70
- 5,000 sds - $42.30

**MUNSTEAD STRAIN (ENHANCED) - 6028EN**
- 250 sds - $7.25
- 1,000 sds - $16.95
- 2,000 sds - $27.30
- 5,000 sds - $55.55

**ORIGANO - 2674**
● 20 in. - 45,000 S. L. multifida. (Fern Leaf Lavender). A true garden novelty! Produces showy purple flowers with its fernleaf appearance, actually smells like oregano. Ideal in a raised bed or rock garden as it is prone to root rot if conditions are too wet. Perfect for borders, rock gardens and containers.
- 100 sds - $7.25
- 200 sds - $14.50
- 500 sds - $36.25
- 2,000 sds - $95.50

**PURPLE RIBBON - 6517**
Perennial. 14-16 in. - 35,000 S. L. stoechas. (Spanish Lavender). Tender perennial with no vernalization required; also suitable for annual production. Dark purple flowerheads and large purple bracts on bushy plants. Zones: 7-10
- 250 sds - $7.25
- 1,000 sds - $16.95
- 2,000 sds - $33.90
- 5,000 sds - $55.55

**SPANISH EYES - 2534**
● 18-24 in. - 40,500 S. L. multifida. Quick to bloom; flowering 8 weeks after germination and keeps going throughout the summer. Perfect for flower arrangements. A fernleaf type with multi branching stems. It doesn’t have the traditional lavender aroma, but makes up for it in beauty and performance. Great weather tolerance.
- 100 sds - $8.10
- 200 sds - $16.20
- 500 sds - $32.70
- 2,000 sds - $65.40

**TRIMESTRIS ROSA - 2669**
● 30-48 in. - 4,000 S. (Silver Cup). Thick stemmed spikes of satiny shades of white and pink, with maroon centers and veining on the petals. Hollyhock-like 4 in. blooms. Extremely versatile as a pot bedding plant or flowering pot plant. Weeks to flower: 13-17.
- 100 sds - $9.85
- 200 sds - $17.90
- 500 sds - $32.65
- 1,000 sds - $65.30
- 2,000 sds - $130.60

**LEONOTIS**

**LION’S EARS, LION’S TAIL**
68-70° 14-21 days

**STAIRCASE - 3093**
● 36-72 in. - 12,000 S. Unique, showy and impressive! Whorls of brilliant orange burst from green orbs spaced 3-5 inches apart on strong, square stems. Perfect color for late summer and early autumn. Attractive spiny seed heads can also be used fresh or dried. Vigorous, base-branching plants produce loads of stems.
- 50 sds - $9.90
- 250 sds - $34.20
- 1,000 sds - $92.80

**LEONTOPODIUM**

**Edelweiss**
190,000 sds/oz 60° 2-3 weeks
For best germination, refrigerate seed 10 days before sowing. Do not cover seeds after sowing. Light will help germination. Blooms June-August.

**ALPINUM - 6032**
Perennial. 6 in. - 282,000 S. L. alpinum. Silvery grey foliage, bearing clusters of woolly white flowers with small flower heads held in stars of glistening whitish bracts. Zones: 3-6
- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**LEWISIA**

**Bitter Root**
45,000 sds/oz 70° 14 days
Light will help germination. Will flower May-July.

**COTYLEDON MIXTURE - 6031**
Perennial. 5 in. - 1,000 S. 1 1/2 in. single flowers in a beautiful blend of colors. A hardy perennial that will bloom May-September. Zones: 5-8
- 100 sds - $9.30
- 200 sds - $16.55
- 500 sds - $29.65
- 1,000 sds - $48.85
- 2,000 sds - $89.90

**LEYCESTERIA**

**Himalayan honeysuckle**
65°-68° 10-12 days
Cover lightly with vermiculite.

**JEALOUSY (MULTI-SEED) - 6076MP**
Perennial. 36-60 in. - L. formosa. Eye-catching bright chartreuse foliage. Big, bushy shape is sure to make this dramatic accent plant the envy of every garden. All season interest in the landscape—some blooms appear in July; cooler conditions bring maroon highlights to the foliage and flowers in the Summer; and purple fruits appear in Autumn. Fantastic to pair with other vigorous items in large containers and performs well in the wetlands. MULTI-SEED PELLET contains 5-6 seeds per pellet. Weeks to finish: 14-16. Zones: 4
- 25 sds - $10.40
- 50 sds - $19.60
- 100 sds - $29.65
- 250 sds - $60.10
- 500 sds - $102.40
LIATRIS
Gay Feather, Button Snake Root, Blazing Star
9,500 sds/oz 65°-75° 3 weeks
For the best germination, do not cover seeds after sowing. Light will help germination. Excellent cut flowers, fresh or dried. Blooms July - September. Will attract butterflies, hummingbirds, and songbirds all season.

FLORIST STRAIN VIOLET - 6043
Perennial. 24-36 in. - 10,000 S. L. spicata. A native American wildflower excellent for border, meadow garden or in containers. Drought tolerant. Attractive to butterflies. Clumps may be easily divided every 3-4 years in the spring. Plants may need to be staked. Zones: 3-8

KOBOLD - 6041
Perennial. 18 in. - 9,000 S. L. spicata. A native American wildflower excellent for border, meadow or wild garden settings. Spikes of rounded, fluffy, deep purple flower heads atop rigid, erect, leafy foliage. One of the finest selections. Zones: 3-9

LIGULARIA
3,500 sds/oz 60°-65° 2 weeks
Darkness will help germination. Will attract butterflies, hummingbirds, and songbirds all season.

DENTATA - 6039
Perennial. 40 in. - 3,000 S. L. clorvon. Multitude of daisy-like, bright yellow-orange flowers above large chocolate maroon leaves. Zones: 4-8

LINARIJA (continued)
LINARIJA
Marocancsa (Baby Snapdragons)
600,000 sds/oz 65° 10 days

ENCHANTMENT (MULTI-SEED) - 1220MP
14-16 in. - (F-1 Hybrid). Small, snapdragon-like fragrant flowers are a very intense magenta color with a gold bee. Better heat tolerance, but ideal for Fall and Spring sales. MULTI-SEED PELLETS contains 5-6 seeds per pellet. Weeks to flower: 9-10.

LINARIJA (continued)
FAY BOUQUET - 2665

LICILIA AZURE - 2660
18 in. - 333,000 S. L. maroccanca. Gorgeous sprays of deep blue and clear white are bright and beautiful in a spring to summer garden. Each flower is like a tiny snapdragon that bees and butterflies find irresistible.

SPRING MIXTURE (PELLETED) - 1204PE
6-8 in. - (Formerly Fantasy Mixture). A mixture of blooms in blue, magenta, pink, rose, white and yellows.

LIMUN
DIAMANT WHITE - 6044
Perennial. 18-24 in. - 17,000 S. Dainty, 1 in. white flowers bloom on soothing grey-green foliage. Ideal for rock gardens, edgings or front of the border.

PERENNE - 6045
Perennial. 24 in. - 15,000 S. Pretty blue flowers on slender stems. Very attractive border plant. Will flower the first year from seed.

SAPHIR (SAPPHYR) - 5942
Perennial. 10 in. - 20,000 S. Attractive sky-blue flowers appearing late spring all through summer. Narrow grey-green leaves. Does well in full sun. Will flower the first year from seed. Zones: 2-9

LISIANTHUS, DOUBLE
ECHO SERIES
30-36 in. - Popular cut flower series for greenhouse or field production. Elegant, sprays of fully double blooms on strong stems. Best for flowering April to mid-June. Early-flowering - Group 3. Weeks to flower: 30-36. PELLETTED SEED.

Blue - 6017PE
Champagne - 6000PE
Lavender - 6558PE
Pink - 6018PE
Pink Picotee - 6533PE
Pure White - 6016PE
Yellow - 6534PE
Mixture - 6020PE

ROSANNE SERIES
36-48 in. - (F-1 Hybrid). Unique colors and patterns with more usable buds. Thick, fully double flower petals and top flowering reduce botrytis problems during transportaion. Flower stamens do not open (no pollen is shed) providing excellent vase life. Please note the group numbers associated with color for timing. Weeks to flower: 22-24. PELLETTED SEED.

1 Black Pearl - 6049PE
1 Green - 6021PE
1 Lavender - 6058PE
1 Pink - 6018PE
1 Rose - 6019PE
1 White - 6020PE

200 sds - $15.10 500 sds - $26.65
1,000 sds - $43.60 2,000 sds - $79.80

ROSIATA SERIES
36-48 in. - (F-1 Hybrid). A rose without thorns. The standard in double flowered blooms with thick petals, top flowering and strong stems are easy to transport the flowers without botrytis problems. Suitable for spring and summer flowering. Enjoy the excellent vase life with these medium-sized, rose shaped flowers and more useable buds. Please note the group numbers associated with color for timing. Weeks to flower: 22-24. PELLETTED SEED.

2 Blue Flash - 5993PE
2 Green - 5999PE
2 Pink Flash - 6001PE
2 Sapphire - 5997PE

Lisianthus-Rosita
Green - 6021PE
Pink Flash - 6018PE
Sapphire - 6017PE

PELLETED SEED.
Each of the above: (26E0) 50 sds - $10.40
100 sds - $19.60 250 sds - $38.20
500 sds - $59.95 1,000 sds - $104.65
Brown - Crop failure. As a substitute, we suggest Rosanne 2 Deep Brown (pelleted).
LOBELIA, COMPACT

70,000 sds/oz  70°-75°  14 days
Sow in sterilized media, do not cover seeds with soil after sowing. Maintain a 70° soil temperature with even moisture throughout germination period.

Please keep in mind that ALL varieties of White Lobelia will flower with a small percentage being blue. This is typical under any conditions as they revert back to their original parent line - Not a contamination or error problem when your order was being filled. Ideal for bedding, borders, pots, window boxes, rock gardens and hanging baskets.

CRYSTAL PALACE - 2688
6-8 in.  - 970,500 S.  Very dwarf. Deep blue flowers offset by dark, bronzed foliage. One of the best edging plants for continuous color.

MRS. CLIBRAN - 2691
4-5 in.  - 1,280,000 S.  Deep blue with white eye, light green foliage. Free-flowering making them very useful for edging and also valuable for window boxes, hanging baskets and for a mass planting for a flowering ground cover.

WHITE LADY - 2694
4-5 in.  - 1,280,000 S.  Compact edging plant adorned with many small glistening white flowers. Excellent for tubs, window boxes and planters.

Each of the above: (34A0)  5,000 sds - $8.10
10,000 sds - $11.65  25,000 sds - $21.45
50,000 sds - $38.55

PALACE SERIES-MULTI-SEED
5 in.  - Very early flowering with nice compact habit. All varieties have the attractive bronze-green foliage. MULTI-SEED PELLET.

Blue - 2645MP  Mid-Blue.
Blue With Eye - 2648MP  Mid-Blue with Eye.
Lilac - 4539MP  Deep Lilac.
Each of the above: (29B0)  250 sds - $8.55
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95
Mixture - Discontinued. As a substitute, we suggest Riviera Mixture (multi-seed).

RIVIERA SERIES-MULTI-SEED
5 in.  - Extra early flowering series, almost 2 weeks earlier than other varieties. Good garden performance. MULTI-SEED PELLET.

Blue Eyes - 2567MP
Lilac - 2662MP  Soft lilac flowers.
Marine Blue - 2568MP
Midnight Blue - 2569MP  Dark blue flowers, bronze foliage.
Rose - 2814MP
Sky Blue - 2664MP  Mid-blue flowers.
White - 2655MP
Mixture - 2666MP
Each of the above: (29B0)  250 sds - $8.55
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95

LOBELIA, PERENNIAL

Cardinal Flower
700,000 sds/oz  65°-75°  3 weeks
For the best germination, refrigerate seed 10 days before sowing. Do not cover seeds after sowing. Light will help germination.

A moisture loving plant with flowers resembling small flying birds that will attract hummingbirds and butterflies. Ideal for wetlands and as an edging at ponds and creeks. Makes excellent border plants.

Blooms July - September, the same year sown. Nice cut flower. Please keep in mind that you must handle as a tender perennial and provide protection.

CARDINALIS - 6051
Perennial.  36 in.  - 700,000 S.  Spikes of rich red scarlet. Mostly green leaved.
1,000 sds - $7.95  2,000 sds - $12.40
5,000 sds - $22.95  10,000 sds - $38.45
25,000 sds - $80.95

FAN SERIES
Perennial.  20-24 in.  - (F-1 Hybrid).
Very early, sturdy and well branched plants. Will flower the first year from seed. Great for 1-2 gallon production and also a nice cut flower.
Weeks to flower: 19-22.

PELLETED SEED.  Zones: 6-10
Burgundy - 6301PE  Burgundy-red, green foliage.
Scarlet - 6305PE
Mixture - 6306PE
Mix of all colors.
Each of the above: (26C0)  50 sds - $9.10
100 sds - $15.95  250 sds - $30.20
500 sds - $46.90  1,000 sds - $80.95

Blue - Crop failure. As a substitute, we suggest Fan Burgundy (pelleted).

QUEEN VICTORIA (PELLETED) - 6069PE
100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  4,000 sds - $119.30

STARTSHIP SERIES
Perennial.  20-24 in.  - L. speciosa.  (F-1 Hybrid).
Sturdy, bushy plants are low maintenance. Delivers good germination and plug yield. Attracts hummingbirds.

Week to flower: 12-16.  PELLETED SEED.
Zones: 6-10
Blue - 6086PE
Burgundy - 6095PE
Deep Rose - 6090PE
Unique pink-roze color. Approximately 1 week later to flower than Scarlet.
Scarlet - 6085PE
Scarlet/Bronze Leaf - 6096PE
Each of the above: (26D0)  250 sds - $9.80
1,000 sds - $17.75  2,000 sds - $34.25
5,000 sds - $53.45  10,000 sds - $92.80

LOBELIA, TRAILING

700,000 sds/oz  70°-75°  14 days
Sow in sterilized media, do not cover seeds with soil after sowing. Maintain a 70° soil temperature with even moisture throughout germination period.

Please keep in mind that ALL varieties of White Lobelia will flower with a small percentage being blue. This is typical under any conditions as they revert back to their original parent line - Not a contamination or error problem when your order was being filled. Ideal for bedding, borders, pots, window boxes, rock gardens and hanging baskets.

REGATTA SERIES
6-8 in.  - 910,000-2,780,000 S.
A very uniform and free-flowering trailing type series that will bloom up to 4 weeks earlier than other varieties. Weeks to flower: 12-15.

Blue Splash - 4730
White flowers with blue throat and slight picotee markings.

Lilac - 4731
Lilac Splash - 4538  White with distinct lilac center.

Marine Blue - 4732
Midnight Blue - 4733
Dark blue flowers, bronze foliage.

Rose - 4734
Sky Blue - 4735

White - 4537

Mixture - 4536
Each of the above: (34A0)  5,000 sds - $8.10
10,000 sds - $11.65  25,000 sds - $21.45
50,000 sds - $38.55

LOBELIA, PERENNIAL (continued)

SIPHILITICA - 6035
Perennial.  20-24 in.  - 1,500,000 S.
Beautiful clear blue flowers. Please keep in mind that a small percentage of flowers will always revert to white when mature.

1,000 sds - $7.25  2,000 sds - $8.60
5,000 sds - $13.90  10,000 sds - $21.65
25,000 sds - $42.90

Vulcan Red - Crop failure. As a substitute, we suggest Starship Scarlet Bronze (pelleted). Zones: 6-10

LOBELIA, TRAILING (continued)

(V-1 Hybrid)

Scarlet - 6069PE

Siphilitica - 6035

(29C0)

Vulcan Red - 6052

(29B0)

CLOSED
LUNARIA, BIENNIS

MIXTURE - 6055
☞ Perennial. 1,300 S. Showy sprays of pretty 2 in. purple and white flowers in spring are followed by papery, flat seedpods that look like silver dollars. The cone-like seed pods are used in dried bouquets. Very decorative. Flowers may attract butterflies.

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
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<td>2,000 sds</td>
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<td>5,000 sds</td>
<td>$41.10</td>
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<tr>
<td>10,000 sds</td>
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LUPINUS

Hardy Lupine

1,000 sds/oz  2-3 weeks
For the best germination, freeze seed for 4-5 days and then soak seed in water for 5-7 days before sowing. After sowing seed, cover lightly. For best results, alternate soil temperature of 60° days and 70° nights. Darkness will help germination. Keep soil surface moist. Requires a well drained location and they like acid soil. Partial shade or full sun will do. Nice cut flower. Will flower the first year from seed. Blooms May-August. Will attract butterflies and hummingbirds all season and will repel deer from the garden.

<table>
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<td>$27.70</td>
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<tr>
<td>5,000 sds</td>
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DWARF MINARETTE MIXTURE - 6067
Perennial. 18 in. - 1,000 S. L. polyphyllus. Beautiful miniature blend. Will flower the first year from seed. Zones: 3-7

<table>
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<td>5,000 sds</td>
<td>$94.25</td>
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</table>

GALLERY SERIES
☞ Perennial. 18 in. - 1,500 S. L. polyphyllus. Coated and treated for enhanced disease and fungal prevention. Very dwarf strain with 6-8 in. spikes. Nice compact habit, makes them outstanding in pots. Will flower the first year from seed. RAW SEED. Zones: 3-7

| Bicolor Rose And White - 6117EN | ☞ Perennial. 30-36 in. - 1,000 S. L. polyphyllus. Long, symmetrical spikes. Will flower the first year from seed. Performs best where summers are cool. Zones: 3-6
<table>
<thead>
<tr>
<th>Price</th>
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<tbody>
<tr>
<td>Blue Shades - 6100EN</td>
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<td>Pink Shades - 6101EN</td>
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<tr>
<td>Red Shades - 6102</td>
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<tr>
<td>White Shades - 6103EN</td>
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<tr>
<td>Yellow Shades - 6104EN</td>
</tr>
<tr>
<td>Mixture - 6105</td>
</tr>
</tbody>
</table>

HARTWEGI GIANT KING MIX - 2668
☞ Perennial. 36 in. - 1,000 S. L. hartwegii ssp. cruckshankii. Sublime fruity fragrance. Tall, long-lasting spikes of azure-blue blossoms, accented with gold, bronze and white. Best when directly sown, does not transplant well. Extraordinary cut flower.

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<td>5,000 sds</td>
<td>$33.40</td>
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<tr>
<td>10,000 sds</td>
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</table>

LUPINUS (continued)

PERENNIAL - 6071
☞ New for 2020 Perennial. 24 in. - 1,500 S. L. polyphyllus. Wild lupine profusely blooms in spikes with pea-like blue & purple flowers. Palm-shaped leaves surround the plant as an added attraction, making it a popular choice for gardens or resorations with dry to sandy soils. Zones: 3-8

<table>
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RUSSELL SERIES-ENHANCED

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<tbody>
<tr>
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<td>$40.30</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$69.20</td>
</tr>
</tbody>
</table>

LYCHNIS

64,000 sds/oz  70°  3 weeks
For the best germination, refrigerate seed 10 days before sowing. They like a moist location, partial shade or full shade. Blooms June-August. Will attract butterflies and hummingbirds all season. Nice cut flower.

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>1,000 sds</td>
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<td>$21.65</td>
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<tr>
<td>25,000 sds</td>
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</table>

CORONARIA - 5995
Perennial. 20 in. - 61,000 S. L. coronaria. (Rose Campion). A nice cottage garden plant with dense white woolly leaves and deep purple-red flowers. Zones: 3-8

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1,000 sds</td>
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<tr>
<td>25,000 sds</td>
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</table>

VESUVIUS - 6005
☞ Perennial. 15 in. - 24,500 S. L. arkwrightii. Gorgeous, orange-red flowers on upright stems above bronze green foliage. Very striking, alone in a container or in borders.

<table>
<thead>
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<tbody>
<tr>
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MALVA

12,000 sds/oz  70°  30 days
Will attract butterflies all season.
MALVA (continued)

MOSCHATA PINK - 6078
Perennial. 24-30 in. - 12,500-15,000 S. M. moschata. An outstanding upright habit flowering variety with many 2 in. flowers. Ideal in the perennial bed or as a cut flower. Drought tolerant.
Each of the above: (29A0) 250 sds - $7.25 500 sds - $11.75 1,000 sds - $16.95 2,000 sds - $27.70 5,000 sds - $55.55

ZEBRINA - 6077
Perennial. 30 in. - 6,000 S. M. althea sylvestris. Single, saucer-shaped flowers vary in color, but are usually white with stripes in purple. Zones: 5-8
500 sds - $8.30 1,000 sds - $13.55 2,000 sds - $20.95 5,000 sds - $41.10 10,000 sds - $70.15

MARIGOLD, AFRICAN (continued)

COCO SERIES  New for 2020
36-42 in. - Large, golden flower heads, avg. 2 1/2-3 in. Produc abundant, fully double blooms excellent for cut flowers and garden beds. Bold, uniform flower heads are also useful for marigold garlands. Blooms a bit later than the Giant series. Use the flowers to dress up salads and desserts or cooked in egg or rice dishes. Flavor is floral with hints of citrus and spice, and slightly bitter. Weeks to flower: 10-13.

Deep Orange - 2866  New for 2020
Gold - 2867  New for 2020
Yellow - 2868  New for 2020
Mixture - 2869  New for 2020
A mixture of all the above.
Each of the above: (2680) 50 sds - $8.30 100 sds - $14.20 250 sds - $26.15 500 sds - $40.30 1,000 sds - $69.20

KESI ORANGE - 2860
24 in. - 10,000 S. Incredibly vivid, large orange blooms. The deepest orange you have ever seen, perfect for bedding or containers. Carnation-like flowers on well-branched bushy plants. Will be removed to encourage new bud growth.
500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30

LADY SERIES
First Lady - Crop failure. As a substitute, we suggest Marvel Yellow (detailed).
Orange - Crop failure. As a substitute, we suggest Marvel Yellow (detailed).
Primrose - Crop failure. As a substitute, we suggest Inca II Primrose (detailed).

MARVEL II SERIES
18 in. - 10,000 S. (F-1 Hybrid). A series which stays dwarf in packs, pots and the garden. The double crested 3-3 1/2 in. blooms are never hidden by foliage. Weeks to flower: 7-8. DETAILED SEED.
Gold - 2808DE Orange - 2809DE
Yellow - 2810DE Mixture - 2813DE
A bold mixture of the above colors.
Each of the above: (28F0) 100 sds - $9.85 200 sds - $17.95 500 sds - $32.65 1,000 sds - $54.10 2,000 sds - $99.95

MOONSTRUCK SERIES
Crop failure. As a substitute, we suggest Inca II Series.

PERFECTION SERIES
14-16 in. - 9,500-11,000 S. (F-1 Hybrid). Fully double, perfectly rounded flower heads with tightly packed petals, make this strain very weather tolerant. Weeks to flower: 10-12. DETAILED SEED.
Orange - 2837DE Yellow - 2838DE
Each of the above: (2685) 50 sds - $8.30 100 sds - $14.20 250 sds - $26.15 500 sds - $40.30 1,000 sds - $69.20

MARIGOLD, TRIPLOID

ZENITH SERIES
14 in. - 9,200 S. (F-1 Hybrid). Unique African-French (triploid) with more branching, more flowers, more heat tolerance and more rain tolerance. With no seed set they require no dead heading to maintain its phenomenal flower power all summer long. Weeks to flower: 7-9. DETAILED SEED.
Deep Orange - 2926DE
Golden Yellow - 2927DE
Lemon Yellow - 2928DE
Orange - 2932DE
Red - 2939DE
Red & Gold - 2940DE
Yellow - 2941DE
Mixture - 2942DE
A wonderful mixture of all the above colors.
Each of the above: (28E0) 100 sds - $9.30 200 sds - $16.55 500 sds - $29.65 1,000 sds - $48.85 2,000 sds - $89.90

MARIGOLD, DWARF

ALUMIA CREME BRULEE (DETAILED) - 3030DE
New for 2020 10-12 in. - Unique single primrose flowers. Novelty color for value added combinations or mass plantings. Well-branched habit.

ALUMIA VANILLA CREAM (DETAILED) - 3009DE
New for 2020 10-12 in. - 10,000 S. Large very early flowering 2 1/2 in. pale, primrose-yellow, anemone single type flowers. A color never seen before. Unique hues of pale primrose-yellow in the central cluster of petals, surrounded by lighter cream petals. Spectacular! The short, branching plants have a neat uniform habit that is ideal for mass plantings. Perfect for planting in beds, edging pathways or filling window boxes and patio containers. Culinary note: The citrus tasting flowers have many uses, try them in salads, sandwiches or seafood dishes.
Each of the above: (29A0) 250 sds - $7.25 500 sds - $11.75 1,000 sds - $16.95 2,000 sds - $27.70 5,000 sds - $55.55

ALUMIA VANILLA CREAM (COATED) - 3009PF
New for 2020 10-12 in. - 4,500 S. Coated seed for ease of sowing.
250 sds - $8.55 500 sds - $14.60 1,000 sds - $21.85 2,000 sds - $36.55 5,000 sds - $74.95

MARIGOLD, DWARF
continued on next page
MARIGOLD, DWARF (continued)

BOANZA SERIES
10-12 in. - 3,500-10,000 S. Beautiful 2 in. double, crested flowers. Early flowering with uniform compact habit. Weeks to flower: 6-7. DETAILED SEED.
Bee - 3006DE Mahogany edged pale gold.
Bolero - 3014DE (All America Winner-1999). Gold with red tips in a unique design. No flower pattern is the same.
Deep Orange - 3015DE
Flame - 3007DE Mahogany with orange border.
Gold - 3012DE
Harmony - 3013DE Deep gold with mahogany.
Yellow - 3008DE
Mixture - 3010DE
   Each of the above: (29A0) 250 sds - $7.25
   500 sds - $14.60
   1,000 sds - $21.85
   2,000 sds - $36.55
   5,000 sds - $74.95
Orange - Crop failure. As a substitute, we suggest Bonanza Deep Orange (detailed).

BOY SERIES
Crop failure. As a substitute, we suggest Bonanza Series (detailed).

CRUSH SERIES
10 in. - 8,000 S. Beautiful Dolly-type 3 1/2 to 4 in. double flowers. Dwarf, compact habit and free-flowering. Resistant to Aster Yellows. (All the varieties in the Crush Series are of the Improved Strain). DETAILED SEED.
Papaya - 2961DE Solid gold with lush dark foliage.
Pineapple - 2962DE Bright yellow flowers.
Pumpkin (detailed) - 2963DE Early flowering, deep orange flowers.
   Each of the above: (28B0) 250 sds - $8.55
   500 sds - $14.60
   1,000 sds - $21.85
   2,000 sds - $36.55
   5,000 sds - $74.95

DISCO SERIES
10-12 in. - 3,500-9,000 S. Large 2 in. single flowers. Very early flowering compact plants with good weather tolerance. DETAILED SEED.
Granada - 3032DE Orange and red bicolor.
Marietta - 3037DE Golden yellow and mahogany bicolor.
Orange - 3033DE Pure orange.
Red - 3029DE
Yellow - 3036DE Bright yellow.
Mixture - 3038DE

DURANGO SERIES
12-14 in. - 9,500 S. Totally upgraded series! Early flowering, large anemone-type flowers. Uniform habit with base-branching habit. Weeks to flower: 6-7. DETAILED SEED.
Flame - 2947DE Mahogany edged with orange.
Mixture - 2953DE
   Each of the above: (29A0) 250 sds - $7.25
   500 sds - $11.75
   1,000 sds - $16.95
   2,000 sds - $27.70

HELOT SERIES
10-12 in. - 9,500 S. Unique pattern of a yellow center and red tipped petals, this novelty color will look great in patio containers and gardens alike. In line with the Bonanza series for habit with flowering time being a few days later.
   Each of the above: (29A0) 250 sds - $7.25
   500 sds - $11.75
   1,000 sds - $16.95
   2,000 sds - $27.70

HOT PAK SERIES
6-7 in. - 10,000 S. Extra dwarf French crested type. Plants stay compact and continue to flower reliably even in locations with high temperature and high humidity nights. It was especially bred and trialed in areas of the world with high temperatures-developed in the heat for the heat. Weeks to flower: 3-4. DETAILED SEED.
Fire - 3016DE Golden flowers with a mahogany red center.
Flame - 3017DE Red and gold bicolor.
Gold - 3018DE
Harmony - 3019DE Mahogany red flowers with an orange center.
Orange - 3020DE
Spry - 3022DE Maroon collar with a gold center.
Yellow - 3024DE
Mixture - 3025DE
   A blend of all the above colors.
   Each of the above: (29B0) 250 sds - $8.55
   500 sds - $14.60
   1,000 sds - $21.85
   2,000 sds - $36.55
   5,000 sds - $74.95

JANIE SERIES
8-10 in. - 8,000-10,500 S. Very early, 1 1/2 in. crested blooms held above the foliage. Compact, uniform habit in pack and garden. Excellent performance, very heat tolerant with excellent garden vigor in warmer temperatures. Weeks to flower: 6-7.
DETAILED SEED.
Bright Yellow - 2995DE Bright yellow.
Deep Orange - 3003DE Deep orange.
   Each of the above: (29A0) 250 sds - $7.25
   500 sds - $11.75
   1,000 sds - $16.95
   2,000 sds - $27.70
   5,000 sds - $55.55
Primrose - Crop failure. As a substitute, we suggest Hot Pak Yellow (detailed).
Spry - Crop failure. As a substitute, we suggest Maroon collar with gold center.
Flame - Crop failure. As a substitute, we suggest Hot Pak Flame (detailed).
Mixture - Crop failure. As a substitute, we suggest Hot Pak Mixture (detailed).

LITTLE HERO SERIES
6-8 in. - 11,000 S. A dwarf French crested-type. Early bloomer with very large 2-2 1/2 in. double flowers. An excellent performer in hot weather and ideal for late season sowings. With such a lovely display of color, you can depend on these to spruce up any garden with a lot of flower power. Weeks to flower: 9. DETAILED SEED.
Fire - 3001DE
Orange - 2997DE
Yellow - 2998DE
   Each of the above: (29B0) 250 sds - $8.55
   500 sds - $14.60
   1,000 sds - $21.85
   2,000 sds - $36.55
   5,000 sds - $74.95
Super Hero Series
10,000 S. Update to the original Hero series. Large 2 in. blooms holds up through the summer heat and continue to produce blooms up until frost. Early and uniform flowering with compact habit. Ideal for paks, containers and landscape borders. DETAILED SEED.

Deep Orange - 2956DE
Deepest Orange.
Harmony - 2943DE
Mahogany red with orange center.
Orange - 2944DE
Orange with slight yellow fringe.
Orange Flame - 2946DE
Orange-red.

Each of the above:
(29C0) 250 sds - $9.70 500 sds - $17.45 1,000 sds - $26.60 2,000 sds - $45.35 5,000 sds - $94.25

Spry (detailed) - 2950DE
10-12 in. - (All America Winner - 2018). Dark maroon lower petals and golden yellow upper petals.

Yellow - 2948DE
Yellow Bee - 2951DE
Yellow-orange.

Mixture - 2952DE
A bold blend of the above varieties.

SAFARI SERIES
8-10 in. - 6,000-10,500 S. Large 3 in. Sophia-type flowers. Excellent garden performance. Weeks to flower: 6-7. DETAILED SEED.

Bolero - 2925DE
Orange w/ red markings.
Gold - 3023DE
Orange - 2917DE Medium orange.
Red - 2929DE The truest red available.
Scarlet - 2918DE Scarlet dusted w/ yellow.
Tangerine - 2924DE Intense orange.
Yellow - 2948DE
Yellow Bee - 2951DE
Yellow-orange.

Mixture - 2952DE
A bold blend of the above varieties.

Each of the above:
(29A0) 250 sds - $7.25 500 sds - $11.75 1,000 sds - $16.95 2,000 sds - $27.70 5,000 sds - $55.55

MARIGOLD, DWARF (continued)

LEMON DROP - 3011
8 in. - 12,000 S. Fully double, medium-sized canary yellow flowers on dwarf, compact plants.

<table>
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<tbody>
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<td>5,000</td>
<td>$38.45</td>
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MR. MAJESTIC DOUBLE (DETAILED) - 3039DE

12 in. - 11,000 S. Bushy, strong, robust and covered in fully double blooms that are golden with mahogany markings.

MR. MAJESTIC SINGLE (DETAILED) - 3031DE

12 in. - 8,000 S. Mahogany-red shapes on bright yellow petals surround gold centers.

<table>
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<tr>
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<td>5,000 sds</td>
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</tbody>
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MARIGOLD, DWARF continued on next page
MARGOLD, DWARF (continued)

SOPHIA QUEEN – 2999
8-10 in. - 9,000 S. (All America Winner - 1979). Large 2 1/2 to 3 in. reddish-gold flowers completely cover the very uniform, compact growing plants. Very free-flowering and will bloom until frost.

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</table>

STRAWBERRY BLONDE (DETAILED) – 3028DE

8-10 in. - 9,500-10,500 S. Extra dwarf French crested type. A completely new look. First flowers open to a deep pink shade with a rustic yellow crest. As the flower ages, it changes to more of a straw yellow color. Large, 2 1/4 in. new flowers produce more freely in the Summer than Fireball, so it maintains contrast between old and new flowers longer, however, the overall effect is paler since the oldest flowers fade to straw yellow color. Weeks to flower: 6-7 (premium packs) and 7-9 (quarts, multi-plants in larger pots).

<table>
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<tr>
<td>$7.25</td>
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<td>$54.55</td>
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</table>

MARGOLD, INBRED

CARNATION FLOWERED CRACKERJACK MIXTURE – 3021
见识 36 in. - 8,000 S. Fully double 4-5 in. blooms in shades of orange, gold and yellow. Fine variety, excellent for summer cutting.

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<td>25,000 sds</td>
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MARVEL OF PERU

Mirabilis Jalapa
75°-80° 10 days
Soak seeds for 7 days before sowing.
CAUTION: SEED AND PARTS OF THE PLANT COULD BE TOXIC IF INGESTED.

FOUR O’CLOCK MIXTURE – 3061
36-48 in. - 400 S. The intensively colored flower of this easy to keep garden plant open in the evening and close in the morning. It is a true night flower and makes a special impression on lighted walk ways or near garden lights.

<table>
<thead>
<tr>
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<th>2,000 sds</th>
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<tr>
<td>5,000 sds</td>
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</table>

MELAMPodium

5,000 sds/oz 65°-70° 7-10 days
For the best germination, cover seeds lightly with media after sowing.

DERBY – 3070
8-10 in. - 6,000 S. Very heat and humidity tolerant. Free flowering with golden-yellow, daisy-like flowers that will bloom all summer.

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<tr>
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</table>

GOLDEN GLOBE – 3081
6-8 in. - 5,500 S. M. paludosum. Very uniform and compact plants with deep golden-yellow flowers on rich green foliage. Weeks to flower: 8-9.

SHOWSTAR – 3062

<table>
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<tr>
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<td>2,000 sds</td>
<td>$48.85</td>
<td>2,000 sds</td>
<td>$99.90</td>
</tr>
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</table>

JACKPOT GOLD – 3078
10-24 in. - 5,500 S. Very durable to take cold springs, long dry summers and still look good well into the fall. Beautiful golden-yellow blooms maintain their appearance with very little care and will continue to flower until frost sets in.

LEMON DELIGHT – 3067
8-10 in. - 6,000 S. Profuse blooming, 1 in. light yellow, daisy-like flowers. Plants thrive in hot, humid locations.

<table>
<thead>
<tr>
<th>Each of the above: (28B0) 50 sds</th>
<th>100 sds</th>
<th>250 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
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<td>$8.30</td>
<td>$14.20</td>
<td>$26.15</td>
<td>$40.30</td>
<td>$69.20</td>
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</tbody>
</table>

MESEMBRYANTHEMUM

100,000 sds/oz 65°-70° 15 days
Sow sterilized media, cover seeds lightly, maintain 65° soil temperature. Sow in February for May sales.

CRINIFLORUM – 3065
6 in. - 110,000 S. (Livingston Daisy). Plants are covered of carmine, pink and yellow. Ideal for bedding and rock gardens.

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<thead>
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<th>5,000 sds</th>
<th>10,000 sds</th>
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<tr>
<td>$7.25</td>
<td>$8.60</td>
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<tr>
<td>25,000 sds</td>
<td>$42.90</td>
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MIMOSA

Sensitive Plant
4,500 sds/oz 80° 12 days
For the best germination, after sowing cover seeds 1/8 in. with soil and maintain 80° soil temperature. (Also, soaking seed in water for 3-5 days before sowing will help germination.

PUDICA – 3074
24 in. - 5,000 S. A true novelty, fern-like plant with leaves that will close when touched.

<table>
<thead>
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<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
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MIMULUS

Monkey Flower
500,000 sds/oz 65°-70° 1-2 weeks
For the best germination do not cover seeds after sowing in indented rows. Light will help germination.

MAGIC SERIES
10 in. - 77,000 S. (F-1 Hybrid). Very early with compact, uniform growth habit. Ideal for containers or hanging baskets. Pelletled Seed.

Orange – 3080PE
Bright clear orange.
Formula Mix – 3082PE A formula mix of cream, orange, pink, red, yellow and an occasional flower with speckled throat.

<table>
<thead>
<tr>
<th>Each of the above: (28B0) 100 sds</th>
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<td>2,000 sds</td>
<td>$33.10</td>
<td>2,000 sds</td>
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</table>

MINA

Firecracker Vine
1,500-10,000 sds/oz 64° 12 weeks
Sow under cover in March-May. Plant out after last frost. Do not overseed with nitrogen or you will get leaf at the expense of flower. Seeds are highly toxic if ingested.

JUNGLE QUEEN – 3124
Climber. 60 in. - 10,000 S. M. lobata. Bred for intense color contrast with masses of vibrant red, bright yellow, and orange tubular flowers held upright on a stocky vine. Excellent for containers and hanging baskets with loads of blooms that excel in heat and humidity.

<table>
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<tr>
<th>Each of the above: (28B0) 100 sds</th>
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LOBATA – 6110
Climber. 1,500 S. An outstanding creeping vine. Clusters of 1 1/2 in. tubular flowers in shades of yellow, orange and red. An easy to grow vine that can reach 12 ft. on a wall or trellis. A tender perennial that requires protection.

<table>
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<th>Each of the above: (28A0) 100 sds</th>
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<td>2,000 sds</td>
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</table>
**MONARDA**
Bee Balm, Bergamot, Horse Mint
50,000 sds/oz  55°-60°  3 weeks
For the best germination, refrigerate seed for 7 days and do not cover seeds after sowing in indented rows. Light will help germination. Very fragrant flowers that will attract butterflies, hummingbirds and bees. Blooms June-September. Nice cut flower, fresh or dried. Will help repel deer all season.

**CITRIODORA (LEMON MINT) - 6089**
☞ Perennial. 30 in. - 65,000 S. Pink or white flowers with purple spots. Similar to Bee Balm, with larger lemon scented leaves. Zones: 4-9

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (3180)

**LAMBADA - 6502**
☞ Perennial. 36 in. - 48,000 S. Will flower from April until frost in whorls of pink/white spotted flowers. Excellent as a cut flower, border plant or dried flower. Can be easily grown as an annual. A tender perennial in many areas. Zones: 4-9

1,000 sds - $8.75  2,000 sds - $14.30
5,000 sds - $27.45  10,000 sds - $46.85
25,000 sds - $99.95  (31D0)

**PANORAMA MIXTURE - 6503**
☞ Perennial. 30 in. - 61,500-66,000 S. M. didyma. A durable, hardy perennial that is an outstanding garden performer and interesting cut flower with stem lengths up to 24 in. A breeder’s formula mixture with shades of lavender, magenta, pale to bright pinks and salmon. This variety seems to be resistant to powdery mildew. Zones: 4-9

250 sds - $9.70  500 sds - $17.45
1,000 sds - $26.60  2,000 sds - $45.35
5,000 sds - $94.25  (29C0)

**MORNING GLORY**
1,000 sds/oz. sds/oz  65°-85°  5-14 days
Nick or file the seed coat prior to soaking for 7 days and do not cover seeds after sowing in indented rows. Light will help germination. Very fragrant flowers that will attract butterflies, hummingbirds and bees. Germination. Very fragrant flowers that will open in the morning and fade by afternoon.

**CARDINAL climber - 3088**
Climber. 180 in. - 1,000 S. Ipomoea multiflora. An absolutely beautiful twining vine with vivid crimson trumpet-shaped flowers that hummingbirds just adore. The attractive foliage is a lustrous emerald green and it is shaped like palm leaves. Great for decks, arbors, posts and trellises. Very long bloom season.

100 sds - $7.25  200 sds - $10.70
500 sds - $17.70  1,000 sds - $27.85
2,000 sds - $49.55  (28A0)

**CARDINALIS - 3091**
Climber. 72 in. - 1,000 S. (Cypress Vine). Ipomoea quamoclit. Bright red trumpet flowers with attractive bright green feathery foliage. An easy to grow, climbing vine that can reach 6-12 feet.

**CLARKE’S HEAVENLY BLUE - 3092**
Climber. 72-96 in. - 900 S. Ipomoea tricolor. Bright blue, shading lighter toward the center. Most popular variety.

**EARLY CALL MIXTURE - 3090**

**FLYING SAUCERS - 3075**
Climber. 72-96 in. - 800 S. Ipomoea tricolor. (Mt. Fuji). Large sky-blue flowers, uniquely striped.

**GRANDPA OTT - 3076**
Climber. 72-96 in. - 1,000 S. Ipomoea purpurea. Dark purple flowers with a red star. Each of the above: (28A0) 100 sds - $7.25
200 sds - $10.70  500 sds - $17.70
1,000 sds - $27.85  2,000 sds - $49.55

**HAPPY HOUR ROSE - 3097**
Climber. 50 in. - 1,250 S. Lovely vines begin flowering when only 3 feet tall. Variegated foliage and abundant rose-red, white throated blooms make this a garden standout for containers, baskets and as a climber. If vines are too long don’t be afraid to cut vines back, they will branch for more blooms.

**MOONFLOWER - 3096**
Climber. 72-96 in. - 100 S. Ipomoea noctiflora. Unusual relative of the Morning Glory opens its flowers at dusk and blooms throughout the night. Plant this fast-growing vine on a porch, near an entrance, or under a window where you can enjoy the evening performance and heady fragrance. The flowers unfold in 2-3 minutes, an event worth waiting for! The fragrant white blossoms reach up to 6 in. across and are well suited to a gothic or moon garden.

**PEARY GATES - 3094**
Climber. 72-96 in. - 800-850 S. (All America Winner - 1942). Ipomoea tricolor. Large, satiny white flowers.

Order Pixie Picture Tags by 12/25 & pay $3.29 per 100 when you order $250.00 or more in plants, plugs & seeds.
**MYOSOTIS**

44,000 sds/oz  55°  10 days

For the best germination, maintain 55° soil temperature and cover seeds lightly with soil after sowing. Blooms May - August. Does well in shade.

**EARLY BLUE BIRD - 3211**

< 12 in. - 26,000 S. Fine for cutting during the winter months. Sow in August for November/December blooms or December/January for spring bedding or pot plants.

1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (3180)

**SYLVA SERIES**

*Perennial.* 8 in. - 37,000-73,000 S. M. alpestris. Early flowering, uniform compact habit with excellent garden performance. Nice mounded habit, ideal for pot production. Zones: 5-8

*Bluesylva - 5932*

*Rosysylva - 6097*

*Snowsylva - 6432*

Snow white.

*Mixture - 6431*

Each of the above: (29A0) 1 oz. - $7.25
250 sds - $11.75  1,000 sds - $16.95
2,000 sds - $27.70  5,000 sds - $55.55  (30A0)

**VICTORIA BLUE - 6092**

*Perennial.* 6-8 in. - 56,000-75,000 S. M. sylvatica. Produces clusters of bright, azure-blue flowers, each with a tiny yellow eye. Plants form a low mound of grey-green leaves, excellent contrast for massing with spring blooming bulbs. Works great in borders, containers or cut-flower gardens. Zones: 3-8

*Each of the above: (10C0) 1/4 oz. - $8.55*
1/2 oz. - $13.90  1 oz. - $20.90
8 oz. - $45.85  (120)

**NASTURTIUM**

Tropaeolum majus

175 sds/oz  70°  7 days

Will repel aphids in the garden. Flowers and leaves are edible. Will attract hummingbirds and butterflies all season. For the best germination, soak seed for 3 days and then sow seeds on sterilized media and cover 1/8 in. Maintain 70° soil temperature with even moisture on the surface, needs darkness to germinate.

**ALASKA MIXTURE - 3230**

12 in. - 250 S. Beautiful 2 1/2 in. single flowers contrasting beautifully against the white, marbled variegated foliage.

**EMPERESS OF INDIA - 3206**

12 in. - 200 S. Brilliant crimson-scarlet flowers accented by bronze foliage. Attractive flowers that are also edible.

Each of the above: (13Z0) 1 oz. - $7.25
2 oz. - $13.85  4 oz. - $20.90
1 LB. - $64.50  (120)

**GLEAN SERIES**

12-24 in. - 200 S. Beautiful 2 1/2 in. double and semi-double spurred flowers. Vigorous, semi-trailing growth habit. Ideal for baskets, window boxes, or bedding. Flowers are edible.

**Golden - 3482**

(All America Winner - 1933).

*Mixture - 3221*

(All America Winner - 1935).

Each of the above: (13Z0) 1 oz. - $7.25
2 oz. - $11.10  4 oz. - $17.95
8 oz. - $34.35  1 LB. - $62.50

**NIGHT AND DAY - 3208**

12 in. - 250 S. Energetic mix of primrose-yellow and mahogany blooms. A complete delight in hanging baskets, containers and shady borders. The perfect solution when plantings call for a rich, polished look with a modern edge.

1/2 oz. - $7.25  1 oz. - $8.55
2 oz. - $13.90  4 oz. - $20.90
8 oz. - $45.85  (120)

**PEACH MELBA - 3207**

12 in. - 250 S. Beautiful bright cream-colored blooms with maroon dots. Flowers are held above the grey-green foliage. Uniform and compact plants that are non-trailing. Flower and leaves are edible.

1 oz. - $7.25  2 oz. - $11.10
4 oz. - $17.95  8 oz. - $34.35
1 LB. - $62.50  (120)

**TOP FLOWERING SINGLE ORANGE - 3205**

12 in. - 240 S. Compact, non-trailing with single spurred orange blooms well above the small bright green foliage. Great addition to Whirlybird series.

1/2 oz. - $7.25  1 oz. - $8.55
2 oz. - $13.90  4 oz. - $20.90
8 oz. - $45.85  (120)

**TRAILING MIXTURE - 3170**

200 S. Exceptional trailing habit that will climb 7-8 ft. if attached to supports. All colors with green foliage.

1 oz. - $7.25  2 oz. - $11.10
4 oz. - $17.95  8 oz. - $34.35
1 LB. - $62.50  (120)

**NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL**

58
### NEMESIA (continued)

**POETRY SERIES**
Discontinued. As a substitute, we suggest Seventh Heaven Mixture (pelleted).

<table>
<thead>
<tr>
<th>Sds/Oz</th>
<th>Price</th>
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<td>$17.75</td>
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**SEVENTH HEAVEN SERIES MIXTURE - 3177PE**

12-14 in. - (F-1 Hybrid). Features the first bicolor of its kind from seed. Denser and better branched foliage and larger flowers than other seed varieties. A mixture of Blue, Lavender Bicolor, Pink and White. Selected colors also have the added benefit of a very sweet fragrance.

Weeks to flower: 10-11. PELLETED SEED.

- 50 sds - $7.55
- 100 sds - $12.35
- 250 sds - $22.20
- 500 sds - $35.50
- 1,000 sds - $70.70

Lavender Bicolor - Discontinued. As a substitute, we suggest Seventh Heaven Mixture (pelleted).

**PRETTY PLEASE BLUE BICOLOR (PELLETED) - 3233PE**
*New for 2020* B-10 in. - (F-1 Hybrid). Large, bold blue bicolor flowers on a compact and densely-branched habit. Sweet fragrance adds additional appeal. Tidy, but robust plant structure is perfect for small pots and pack production. Weeks to flower: 7-10 for 4 in. pots 8-11 for 6 in. pots.

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<th>Sds/Oz</th>
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<td>$61.85</td>
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</table>

**PRETTY PLEASE PINK BICOLOR (PELLETED) - 3232PE**
*New for 2020* B-10 in. - (F-1 Hybrid). Bold, pink bicolor flowers on compact and densely-branched habit. Sweet fragrance adds additional appeal. Tidy, but robust plant structure is perfect for small pots and pack production. Weeks to flower: 7-10 for 4 in. pots 8-11 for 6 in. pots.

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<td>$61.85</td>
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</table>

**SUNDROPS MIXTURE - 3167**

10 in. - 200,000 S. N. strumosa. A diverse color range of gold, red shades, rose and white. Early blooming, compact and ideal for small container growing. Useful as a cool-season crop to accompany Spring pansies. Beautiful in mixed baskets and color bowls and makes an excellent patio item for Spring.

<table>
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<tr>
<th>Sds/Oz</th>
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### NEMESIA (continued)

**NEMOPHILA**

125,000 sds/oz 55-60° 10 days

For best germination, do not cover seeds with media after sowing.

**MENZIESII (BABY BLUE EYES) - 3099**

6 in. - 15,000 S. Beautiful 1 in. cup shaped blue flowers.

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<thead>
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<td>$11.65</td>
<td>25,000</td>
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**NEPETA**

**Cat Mint**

30,000 sds/oz 65-75° 10-15 days

Ornamental foliage is silvery and striking in contrast. Will thrive under the poorest conditions. Cats love it. Blooms June-August. Will help repel deer all season. Will flower the first year from seed and attract butterflies all season. Hardy to zone 5.

**Mussini - 6115**

**Perennial.** 12-14 in. - 38,500 S. N. faassenii. (Catmint). Loose clusters of lavender-blue flowers on terminal spikes, both foliage and flowers aromatic. Zones: 3-8

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<thead>
<tr>
<th>Sds/Oz</th>
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<th>Sds/Oz</th>
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**NICOTIANA (continued)**

**FRAGRANT CLOUD - 3236**

36 in. - 208,000 S. Large, beautiful white flowers on strong upright plants. Very popular for its strong evening fragrance.

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<th>Sds/Oz</th>
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<td>10,000</td>
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**Lemon Tree - 6300**

**Perennial.** 36 in. - 200,000 S. N. langsdorffii. Attractive green, bell-shaped waxy flowers with conspicuous blue pollen and shiny green foliage.

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<td>25,000</td>
<td>$61.85</td>
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**PERFUME SERIES**

16-18 in. - (F-1 Hybrid). Out of this world fragrance plus large blooms and plenty of them. Blooms are 2 in. long, shaped like magnificently long trumpets and very, very abundant. Unlike some Flowering Tobaccos, these blooms face upward. Enjoy their full splendor in planters, borders, edging the walkway or dotted around the patio garden. Weeks to flower: 9-10. PELLETED SEED.

- **Deep Purple - 3215PE**
  - 20 in. - (All America Winner - 2006). **Lime - 3228PE** *(New for 2020)*
  - Pure lime color.
  - **Rose - 3226PE**
  - **Mixture - 3227PE** Bright rose, deep purple, light blue, lilac, lime, red, and white.

**SARATOGA SERIES**

10-12 in. - (F-1 Hybrid). The earliest, most uniform series in its class. Bushy plants, eye-catching flowers and outstanding performance in either sun or shade. Weeks to flower: 9-11. PELLETED SEED.

- **Appleblossom - 4446PE**
  - **Lime - 4441PE** Soft green.
  - **Purple Bicolor - 4442PE** Purple and white.
  - **Red - 4443PE** Deep red.
  - **Rose - 4449PE** Dark rose.
  - **White - 4444PE** Creamy white.
  - **Mixture - 4454PE** A formula mixture of all colors.

<table>
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</table>

**NICOTIANA continued on next page**
NICOTIANA (continued)

SYLVESTRIS - 6109
Perennial. 60 in. - 900,000 S. Nice branching habit, pure white fragrant flowers all season.

- $ 1,000 sds - $7.25
- 2,000 sds - $14.45
- 10,000 sds - $81.85

TINKERBELL - 3240

60 in. - 284,000 S. (F-1 Hybrid). A plant that appeals to the gardener looking for something very different, this lovely hybrid was originally produced by crossing a large flowered red nicotiana with a very slim-tubed wild species. Unusual, most delicate form, produces abundant funnel-shaped dusky maroon-red flowers with pale green backs and azure-blue pollen. The dusty rose petals face outward from long green trumpets for a unique color combination.

- Weeks to flower: 9-11.
- 250 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

BABY BELLA (PELLETED)

Sorry, no longer available.

NIEREMBERGIA

150,000 sds/oz  75°-80°  10-15 days
After sowing on sterilized media, cover sees lightly with soil. Maintain 75°-80° soil temperature for the best results. A tender perennial in some areas.

- 8 in. - 65,000 S.  (All America Winner - 1942). The 1 in. deep violet-blue flowers are abundantly produced on dwarf plants. Retains its brilliance even under strong sunlight. Weeks to flower: 12-15.
- Each of the above: (30E0) 1,000 sds - $7.25
- 2,000 sds - $14.45
- 10,000 sds - $81.85

WHITE ROBE - 3213

8 in. - 165,000 S. Pure white flowers over dwarf plants. Weeks to flower: 12-15.

- 50 sds - $4.25
- 1,000 sds - $9.80
- 5,000 sds - $47.95

NIGELLA (continued)

MISS JEKYLL SERIES


- Blue - 3237 Mixture - 3264
- Each of the above: (31B0) 1,000 sds - $7.25
- 2,000 sds - $14.50
- 10,000 sds - $73.50

OENOTHERA

Evening Primrose

70° days-60° nights  2 weeks
After sowing seed, cover lightly with vermiculite. Light will help germination. Pre-chill seed in refrigerator for 8-10 days before sowing. Blooms June-September. Will attract hummingbirds and songbirds all season.

MISSOURIENSIS - 6122
Perennial. 12 in. - 6,000 S. (Ozark Sundrops, Macrocarpa, or Missouri Primrose). A low growing profuse bloomer from June to September. Large 3-4 in. yellow flowers. Zones: 3-8

- 500 sds - $7.25
- 1,000 sds - $14.50
- 10,000 sds - $42.30

SPECIOSA - 6124

Perennial. 8-14 in. - 147,000 S. (Showy Evening Primrose). The outstanding light pink to creamy-yellow flowers will bloom spring to early summer. The plant has a deep root structure and is drought tolerant. Will spread rapidly under high moisture conditions. Will flower the first year from seed.

- Okra, Ornamental. Also see listing under Vegetables.

OKRA, ORNAMENTAL

400 sds/oz  65°-70°  7-10 days

BURLGUNDY - 4788

- 30-36 in. - 500 S. (All America Winner - 1988). Looks as good as it tastes! Attractive plant with burgundy stems and green leaves produce excellent yields of bright red pods. The pods turn green when cooked, but are frequently dried and used in arrangements to preserve their unusual coloring and interesting shape. Unique addition to the landscape or in large scale planters.

- 250 sds - $7.25
- 1,000 sds - $11.75
- 5,000 sds - $55.55

CRAKER'S OKRAZILLA - 4739

- 36-48 in. - 400 S. Big fat okra pods perfect for use fresh or dried. Hefty plants with large, palmately divided leaves and yellow flowers followed by 6-9 in. fat pods. Makes a bold accent in any arrangement. An exotic addition to the landscape or large scale planters.

- 100 sds - $9.85
- 200 sds - $19.70
- 500 sds - $36.90
- 2,000 sds - $89.70

ORNAMENTAL PEPPER

Capsicum annuum

Capsicum annuum 8,000 sds/oz  70°  2-3 weeks
Maintain an even 70° soil temperature. After sowing, do not cover seeds; keep surface of media moist. Once established, grow plants at 50°; do not let plants become pot-bound. An occasional pinch is suggested, but never after July 4th.

BASKET OF FIRE - 1984

10 in. - 6,500 S. (F-1 Hybrid). Want some red-hot hanging baskets? The first ornamental pepper that has been bred especially for hanging baskets. Unique plants develop cascading lower branches as well as continuing to fill in with new growth at the top, making it perfect for baskets and containers. Produces a profusion of 2 in. long, tapered fruits (more than 300 fruits per plant). Fruits change from deep purple through cream and orange to a bright red. Small leaves allow the brightly-hued fruits to take a center stage. Spicy hot fruits are edible. 80,000 Scovilles.

- 10 sds - $7.65
- 50 sds - $22.40
- 250 sds - $75.55

BLACK PEARL - 1978

14-18 in. - 6,000 S. (All America Winner - 2006). Capsicum annuum. Black-leafed bushy plants with shiny black fruit. Fruit is rounded, with a slightly pointed shape, matures to a dark red and are edible but VERY HOT to the taste. Folage is greenish when young and becomes glossy black with maturity. Weeks to fruit: 20-24.

CALICIO - 1968

10-12 in. - 8,000 S. (F-1 Hybrid). Strongly variegated tricolor foliage. Compact, rounded plants are uniform in size and habit. Great for combos and landscapes. Extremely hot fruit, not recommended for eating.

- Each of the above: (25F0) 25 sds - $10.40
- 50 sds - $19.60
- 250 sds - $66.10

NEW ITEM THIS YEAR  |  CUT FLOWER  |  1ST YEAR FLOWERING PERENNIAL
**ORNAMENTAL PEPPER (continued)**

**BLAZE - 1983**
4-8 in. - 5,500 S. Distinctive, large fruit starts yellow and matures to red. These eye-catching Autumn tones are sure to sell fast. Excellent branching for a large-fruited pepper, suitable for quarts and Mum Pal programs. Weeks to finish: 7-13 for Autumn.

**CHILLY CHILI - 1925**
9-10 in. - 9,000 S. (F-1 Hybrid). (All America Winner - 2002). This child-safe variety bears non-pungent fruit, making it ideal for indoor and outdoor use. Fruits start out a greenish-yellow, gradually changing to orange and then maturing to a dark red. Each fruit is 2 - 2 1/2 in. long and the dark red fruits are popular for Christmas/Valentine Day sales in 4-6 in. pots.

**HOT POPS SERIES**
4-5 in. - 10,300 S. Pump up your Autumn with this new fruit form and multicolors. Small, round peppers, simultaneously make a high impact display for indoor and outdoor decorating. Compact, heavily branched plants work in containers, color bowls and Mum Pal programs. Good getaway to gardening item for easy decor to attract and keep today's young shopper. Grow like Medusa. Weeks to finish: 8-12 for Autumn.

**Purple - 1985**
Purple turning to orange. Very hot.

**Yellow - 1993**
Yellow turning to red. Medium hot.

**LOCOTM - 1975**
18 in. - 7,000 S. (F-1 Hybrid). Compact branching plant carrying a heavy yield of oval fruits which ripen from purple to bright red. The upright fruits appear above the foliage and the spread of a mature plant presents a colorful display.

**MEDUSA - 1976**
6-8 in. - 11,000 S. (F-1 Hybrid). This child-safe variety bears non-pungent fruit, making it ideal for indoor and outdoor use. Colorful 2 - 2 1/2 in. fruits have a twisted cone shape that starts out ivory, turns yellow, then orange and finally bright red. Each plant will produce 40-50 brightly colored fruits held on compact plants with dark green leaves.

**MIDNIGHT FIRE - 1982**
9-12 in. - 11,000 S. Distinctive dark black foliage is accented by purple fruit which mature to bright red. Brilliant colors for eye-catching displays. Well-branched plants are perfect for stunning Autumn combination planters and large container programs. Weeks to finish: 7-13 for Autumn.

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<tr>
<th></th>
<th>(25C0) 25 sds</th>
<th>$9.10</th>
<th>50 sds</th>
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**ORNAMENTAL PEPPER (continued)**

**PURPLE FLASH - 1979**
13-15 in. - 8,000 S. Striking coloration, almost black with bright purple flashes. Compact, mounded plants have a layered, scaffolding growth habit. Extremely drought tolerant. Great for pots, combos and landscapes. Extremely hot fruit, not recommended for eating.

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**SANGRIA - 1997**
10-12 in. - 8,000 S. (F-1 Hybrid). Compact, rounded plants are uniform in size, plant has a full and somewhat spreading habit. Continuous color from child-safe purple and red fruits. Ideal for indoor and outdoor use. Drought tolerant, excellent in containers and landscapes.

**SEDONA SUN - 1986**
9-12 in. - 9,500 S. Massive of distinctive lemon yellow and carrot orange fruit. Put on a brilliant, multicolor display with every plant. Grow like Sangria, with similar timing. Weeks to finish: 8-12.

**WICKED - 1989**
6-8 in. - 4,000 S. Compact, extra-large fruit that starts purple and matures to red. These stunning peppers will certainly capture attention. Weeks to finish: 7-13 for Autumn.

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ORLAVA
White Lace Flower
60°-65° 12-16 days.
Chill seed at 40°-45° for 1-2 weeks prior to sowing in the greenhouse. Transplant: Sow 4-5 weeks before planting outside. When the first true leaves appear transplant into larger containers.

WHITE FINCH - 3180
¢ 24-30 in. - 2,800 S. O. grandiflora. Pure white flowers are 2 1/2-3 1/2 in. with an intricate, lacy pattern. Full, well branched with strong, upright stems. The clusters of star-shaped, green seed pods also make a unique bouquet addition.

1,000 sds - $7.25 200 sds - $12.20
500 sds - $20.70 1,000 sds - $33.10
2,000 sds - $59.65 (26B0)

ORNAMENTAL MINT
MINI MINT (MULTI-SEED) - 1980MP
1-2 in. - Corsican Mint. Attractive, highly fragrant groundcover or small pot plant. Healthy, more uniform plants make great looking pots, mix components and garden specimens. Can also be marketed as a lawn replacement. Leaves are non-toxic but do not have a palatable flavor. MULTI-SEED PELLET contains 8-12 seeds per pellet. Weeks to finish: 3-4.

Each of the above: (26B0) 50 sds - $8.30
100 sds - $14.20 250 sds - $26.15
500 sds - $40.30 1,000 sds - $69.20

ORNAMENTAL OREGANO
KIRIGAMI - 1990
8-10 in. - 43,500 S. This eye-catching, non-culinary oregano features large purple-green bracts, rose flowers and clear, light green foliage with a delicate fragrance to attract pollinators. Dense, mounded, slightly trailing plant has a tight and fuller habit than standard vegetable varieties. The perfect patio plant. Heat and drought tolerant. Weeks to finish: 9-11.

Each of the above: (26B0) 50 sds - $8.30
100 sds - $14.20 250 sds - $26.15
500 sds - $40.30 1,000 sds - $69.20

ORNAMENTAL RICE
BLACK MADRAS - 1981
¢ New for 2020 16 in. - 1,000 S. Oryza sativa. Gorgeous pointed, upright, elegant green leaves generously streaked and shaded with burgundy-purple. Neat, dense, fountain shaped plant that is perfect in containers as well as the garden and makes the ideal mass planting for waterside areas. Late summer intensifies the color and brings arching spikes of chartreuse edible tha add exciting contrast.

OXYPETALUM
4,000 sds/oz 70° 7 days

HEAVENBORN - 3100
¢ 18-24 in. - 4,500 S. Tweedia coerulea. Beautiful 1 in. sky-blue single flowers with unique arrow shaped leaves. A fast growing annual (tender perennial in some climates) will flower all season with a durable and extended vase life as a cut flower. Bright days with 65 degree minimum temperature is suggested to produce better, well branched plants.

50 sds - $10.40 100 sds - $19.60
250 sds - $38.20 500 sds - $51.55
1,000 sds - $114.90 (26H0)

PANSY COOL WAVE SERIES
(continued on next page)
NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL

PANSY COOL WAVE SERIES (continued)

Raspberry - 3509EN Velvety rosy-purple with white around flower center. Shows more white in the face in Summer/Autumn (warm season) production. In Winter/Spring (cool season) production, white diminished and more rose/purple shows in the bloom.

Strawberry Swirl - 3300EN

Sunshine N Wine - 3505EN Improved for 2020! (Red Wing).

White - 3307EN White with light whiskers.

Berry N Cream Mixture - 3502EN

A formula mixture of Frost, Lemon, Violet Wing, White and Yellow.

Each of the above: (25G0) 25 sds - $10.90
50 sds - $20.55 100 sds - $31.15
250 sds - $63.25 500 sds - $108.15

DELTA SERIES

3-5 in. - 20,000 S. (F-1 Hybrid). The market leader in Pansies! Large 2 1/2 - 3 inch blooms. Extreme, uniformity in timing and habit. Premium seed quality, minimum 90% germination of all varieties at NO premium price to you. Outstanding heat tolerance. Extra-early and more free flowering than other series. Overwinters well and rebounds better from severe weather. Weeks to flower: 12-14 in Spring; 10-12 in Fall.

Beaconfield Premium - 4605

Blue Morpho Premium - 4631

Unique color. Blue with yellow face marked with distinct blue whiskers.

Blue With Blotch Premium - 4599

Fire - 4608 Unique color combinations of red, scarlet, and yellow flowers with mahogany red wings.

Lavender Blue Shades Premium - 4597

Marina Premium - 4629

Neon Violet Premium - 4596

Persian Medley Premium - 4594

Pink Shades - 4593

Primrose With Blotch Premium - 4595

Pure Deep Orange Premium - 4622

Pure Golden Yellow Premium - 4618

Pure Lemon Premium - 4625

Pure Light Blue Premium - 4617

Pure Primrose Premium - 4616

Pure Red - 4620

Pure Rose - 4624

Pure Violet Premium - 4623

Improved 2020!

Pure White Premium - 4621

Pure Yellow Premium - 4619

Red With Blotch Premium - 4601

Rose With Blotch Premium - 4603

Each of the above: (28D0) 100 sds - $10.40
200 sds - $15.10 500 sds - $26.65
1,000 sds - $43.60 2,000 sds - $79.80

FRIZZLE SIZZLE SERIES

4 in. - 25,000 S. (F-1 Hybrid). Unique performance both in pots as well as flower beds. Compact, well branched habit with large ruffled flowers. Weeks to flower: 10.

Blue - 4955 Richest lavender and purple coloration with exquisite veining.

Lemonade - 3508 Upper petals are white with a shade of lemon-yellow. Lower petals are lemony yellow with a whisper of a whisker.

Raspberry - 4952 Striking dark face with a hint of yellow from a dark, inky purple to lilac, wine and lavender.

Orange - 4950

(28G0) 100 sds - $10.40 200 sds - $19.45 500 sds - $35.65 1,000 sds - $59.35 2,000 sds - $110.10

PANSY DELTA SERIES (continued)

Tapestry Premium - 4598 Blend of rose, pink, apricot, primrose, and cream shades with dark faces.

True Blue Premium - 4626

Yellow & White Premium - 4610

Yellow With Blotch Premium - 4607

Yellow With Purple Wing Premium - 4604

Blotched Mixture Premium - 4614

A mixture of all Blotched, Faced and Wing colors.

Mixture - 4630

A blend of all colors in this series.

Each of the above: (28D0) 100 sds - $8.65
200 sds - $15.10 500 sds - $26.65
1,000 sds - $43.60 2,000 sds - $79.80

PANSY DELTA SERIES (continued)

Pure Colors Mixture - 4615

A mixture of all Pure colors.


Each of the above: (28D0) 100 sds - $8.65
200 sds - $15.10 500 sds - $26.65
1,000 sds - $43.60 2,000 sds - $79.80

White with Blotch Premium - Discontinued. As a substitute, we suggest Matrix White Blotch.

FIZZY SERIES

Crop failure. As a substitute, we suggest Frizzle Sizzle Series

PANSY continued on next page
**PANSY** (continued)

**HALLOWEEN II - 3125**

6-8 in. - 14,000 S. Mid-size blooms are a unique, uniform pure black color, making this a striking accent for container or garden mixes. Early, well-branched and floriferous plants overwinter with ease. Ideal for fall plantings but can be used in spring as well.

- 100 sds - $9.85
- 200 sds - $17.95
- 500 sds - $32.65
- 1,000 sds - $54.10
- 2,000 sds - $99.95

**IMPERIAL ANTIQUE SHADES - 3301**

6-8 in. - 20,000 S. (F-1 Hybrid). Early blooming 3-3 1/2 in. flowers in beautiful shades of apricot and pale orange. Outstanding garden performance. Heat tolerant with nice compact habit.

**JOLLY JOKER - 3194**


**MAJESTIC GIANT II SERIES**

6-8 in. - 19,000 S. (F-1 Hybrid). Large, 4-4 1/2 in. flowers in beautiful shades of apricot and pale orange. Outstanding garden performance. Heat tolerant with nice compact habit.

- 100 sds - $8.85
- 200 sds - $16.20
- 500 sds - $40.30
- 1,000 sds - $69.20

**KARMA SERIES**

Crop failure. As a substitute, we suggest Delta Series.

**MATRIX SERIES**

8 in. - 21,000 S. (F-1 Hybrid). Large 2 1/2 - 3 inch blooms. Superior branching means the plants cover the soil before initiating blooms without stretching. Short, strong peduncles hold the large, thick-petaled flowers beautifully over the foliage. Due to unique branching architecture, Matrix resists stretching better than other pansies under stressful conditions and warm temperatures of Autumn production, so don’t be cautious with fertility. An excellent variety for Summer and Fall production. Weeks to flower: 11-13.

- Blue Blotch - 4909 Improved for 2019!
- Deep Blue Blotch - 4910 Improved for 2018! Blue with blotch shades.
- Denim - 4934
- Lavender Shades - 4933
- Lemon - 4931 Light yellow shades.
- Midnight Glow - 4935 Yellow center with a deep violet halo.
- Morpheus - 4906 Vibrant blue cap with lower yellow petals.
- Ocean - 4911 Shades of light lavender blue with blotch; can contain a small percentage of white with blotch.
- Orange - 4917
- Primrose - 4918
- Purple - 4919
- Red Blotch - 4912 Red and fire shades mature to scarlet red.
- Rose - 4920
- Rose Blotch - 4914 Light rose to rose blotch shades; can contain a small percentage of cream blooms with rose cap.
- Rose Wing - 4907
- Rose blotch with white halo.
- Solar Flare - 4934 A fiery blaze of reds and oranges merging into yellow.
- Sunrise - 4908 Peach, yellow and rose shades with blotch.
- True Blue - 4932 Clear deep blue.
- White - 4921
- White Blotch - 4915
- Yellow - 4922
- Yellow Blotch - 4916
- Yellow Purple Wing - 4936
- Blotch Mixture - 4924 A blend of all blotched colors.
- Citrus Mixture - 4925 Orange, Primrose, White, and Yellow.
- Mixture - 4927 A blend of all colors in this series.

- RED WING Discontinued. As a substitute, we suggest Matrix Yellow Blotch.

**NATURE MULBERRY SHADES - 3499**

6-9 in. - 25,000 S. (F-1 Hybrid). Early and compact. Very vigorous and very floriferous. A mixture of rich colors from a golden pecan through mulberry purple, very unique in the Pansy world.

- 100 sds - $9.85
- 500 sds - $32.65
- 1,000 sds - $54.10
- 2,000 sds - $99.95

**PADDARADJIA - 3104**

6-8 in. - 39,000 S. (F-1 Hybrid), (All America Winner - 1991). Orange Sapphire. Named after a rare and valuable orange sapphire. Plants will produce 1 1/2 to 2 in. deep orange blooms in full sun and through the summer. A very heat and stress tolerant variety.

- 250 sds - $9.70
- 1,000 sds - $26.60
- 5,000 sds - $94.25

**PANOLA SERIES**

6 in. - 24,500 S. (F-1 Hybrid). This series has the free-flowering characteristics of Violas, but with pansy-like 1 3/4 - 2 in. flowers. Panolas provide uniform flowering with good flower facing and have short flower stems to resist stretching in warm climates. Very early flowering. Weeks to flower: 7-9.

**SUNBURST Xp - 4678** Scarlet background with golden face and whiskers.

**Mixture - 4677** Complete mixture of all colors.

**SWISS GIANTS MAMMOTH MIX - 3122**

6-8 in. - 22,000 S. More compact foliage with larger 3 to 3 1/2 in. flowers and better color range than most Swiss Giant strains on the market today.

**ULTIMA MORPHO - 4151**

6-8 in. - 20,500 S. (F-1 Hybrid). (All America Winner - 2002). A distinct bicolor design, the upper petals are mid-blue with bright lemon yellow lower petals and whiskers radiating from the center. Named after the Morpho butterfly, which is blue and yellow. Very free-flowering with excellent performance.

**ULTIMA RADIANCE PINK - 3163**

6 in. - 23,000 S. Unique colors and patterns on medium sized, 2 1/2 in. blooms for lovely designer displays in the garden bed or patio. Stunning and irresistible hot pink flowers with white overtones, yellow eyes and deep purple streaks at the ends of the stems that immediately command attention. Ideal for premium containers and baskets. Blooms through fall, winter and spring on vigorous plants.

NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL
**PANSY (continued)**

**WONDERFALL SERIES YELLOW WITH RED WING - 3436**
10-12 in. - 22,800 S. (F-1 Hyb). TRAILING. A true pansy, with large round, high quality flowers. Vigorous, well-branching habit that requires fewer plants per container and provides continuous flowering in any season. Florealloous plants with unique colors, including blotched faces, picotee and shaded types. Great for quarts, gallon, hanging baskets and large premium containers. Weeks to flower: 11-13 in Spring; 10-12 in Fall.

- 25 sds - $9.10
- 100 sds - $23.70
- 500 sds - $79.30

**PARDANCANDA**
Norrisii, Candy Lily

- 1,000 sds/oz - $65.00
- 65°-70° - 4-5 weeks

**GIANT MIXTURE - 6114**

- **Perennial.** 24-36 in. - 1,500 S. Will bloom the first year from July to frost from an early sowing. A beautiful array of color in various flower types of yellow, blue, pink orange, red, and many variegated in various flower types of yellow, blue, pink orange, red, and many variegated and spotted flowers. A cross between the blackberry Lily and the Iris. Zones: 5-8

- 50 sds - $10.40
- 100 sds - $19.60
- 250 sds - $38.20
- 500 sds - $59.95
- 1,000 sds - $104.65

**PENSTEMON (continued)**

**ELECTRIC BLUE - 6710**

- **Perennial.** 18 in. - 45,000 S. P. heterophyllus. Multi-stems with branched spikes of intense Delphinium-type blue, tubular flowers. Will flower the first year from seed. Can be grown as an annual as vernalization is not required for flowering.

- 100 sds - $10.40
- 200 sds - $19.45
- 500 sds - $35.65
- 1,000 sds - $59.35
- 2,000 sds - $110.10

**HUSKER RED - 6177**

- **Perennial.** 36-48 in. - 94,000 S. P. digitalis. (Perennial Plant of the Year). Beautiful blush lilac flowers with deep green bronzy-purple foliage. Zones: 3-8

- 250 sds - $8.55
- 500 sds - $14.60
- 1,000 sds - $21.85
- 2,000 sds - $36.55
- 5,000 sds - $74.95

**MYSTICA (ENHANCED) - 6709EN**

- **Perennial.** 28-32 in. - 76,000 S. P. digitalis. Re-selection and improvement to Husker Red, similarities abound with lilac flowers and deep changing foliage. Requires vernalization, but can be sold for its bronze-red leaf coloring. Enhanced seed for improved and more uniform germination. Zones: 4-8

- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65

**RED - 6112**

- **Perennial.** 50 in. - 32,500 S. P. barbatus var. coccineus. (Jingle Bells). Attractive 1 in. tubular bell-shaped scarlet flower completely cover the numerous flower spikes and accenting evergreen foliage. An easy to grow variety that is outstanding in the garden and attracts hummingbirds.

- 500 sds - $8.30
- 1,000 sds - $13.55
- 2,000 sds - $20.95
- 5,000 sds - $41.10
- 10,000 sds - $70.15

**PENTAS**

960,000 sds/oz - 65° - 9-14 days

After sowing seed. cover very lightly. Needs light to germinate.

**PETUNIA, GRANDIFLORA SINGLE (continued)**

**GLITTERATI PURPLE STAR (PELLETED) - 3056PE**

12-22 in. - (F-1 Hybrid). The distinctive star pattern combines easily with other varieties, adding a unique component in Fourth of July and other warm/ hot season combinations.

**KALEIDOSCOPE SERIES**

- **New for 2020**

**GLITTERATI RED STAR (PELLETED) - 3071PE**

18 in. - (F-1 Hybrid). Setting a new standard for taller landscape needs. Flowering earlier, reduction in crop time, better branching and the highest germination standard in the industry.

- Weeks to flower: 17-20. PELLETED SEED.

- **Appleblossom - 3580PE**
- **Carmine - 3582PE**
- **Lilac - 3581PE**
- **Pink - 3585PE**

**Mixture - 3586PE**

- Each of the above: (26G0) 50 sds - $12.10
- 100 sds - $23.20
- 250 sds - $46.15
- 500 sds - $73.15
- 1,000 sds - $128.25

**NEW LOOK SERIES**

8 in. - P. lanceolata. Stary flowers with a balloon-shaped compact habit not requiring growth regulators or pinching. Contrasting dark-green foliage make this variety an eye catcher. Good garden performance and heat tolerance. PELLETED SEED.

- **Pink - 3184PE**
- **Red - 3186PE**
- **Rose - 3189PE**
- **Violet - 3187PE**
- **White - 3072PE**

**Mixture - 3073PE**

- Each of the above: (25B0) 25 sds - $8.30
- 50 sds - $14.20
- 250 sds - $20.70
- 500 sds - $41.10

**BUTTERFLY SERIES**

18-24 in. - (F-1 Hybrid). This new hybrid series can be grown in both northern and southern climates. Large, star-shaped flowers on umbels up to 3 in. across. PELLETED SEED.

- **Deep Pink - 3057PE**
- **Deep Rose - 3068PE**
- **Light Lavender - 3058PE**

Very light lavender blooms.

- **Red - 3060PE**
- **White - 3128PE**

**Mixture - 3059PE**

- Each of the above: (26F0) 50 sds - $11.35
- 100 sds - $21.40
- 250 sds - $42.20
- 500 sds - $66.55
- 1,000 sds - $116.45
PERILLA
Beef Steak Plant
20,000 sds/oz  70°  10 days

NANKINENSIS - 3188
□ 18-36 in. - 21,000 S. Dark maroon ornamental foliage with fringed edges. Very attractive for borders and edging. A hardy annual.

500 sds - $8.30  1,000 sds - $13.55
2,000 sds - $20.95  5,000 sds - $41.10
10,000 sds - $70.15  (30C0)

PEROVSKIA
Russian Sage
34,000 sds/oz  3-4 weeks

BLUE STEEL - 6596

20,000 sds/oz  70° - 75°

PETUNIA, DOUBLE
250,000 sds/oz  70° - 75°

DOUBLE MADNESS SERIES
10 - 15 in. - The same superior performance as the original Madness Series, these double petunias look spectacular in pots, baskets, beds and landscapes. The compact, large 3 in. double flowers will bloom all summer. Very heat and weather tolerant. (Petunia Madness Series is a registered trademark of the Ball Seed Company.) PELLETED SEED.

Blue - 0948PE
Burgundy - 0930PE
Lavender - 0335PE
Red And White - 0931PE
Rose - 0932PE
Rose And White - 0933PE
Satin Pink - 0946PE
Salmon-pink with a satin sheen.

Mixtture - 0936PE
Each of the above: (28F0)  100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  (28B0)

BONANZA MIXTURE (PELLETED) - 0522PE
14 in. - (F-1 Hybrid). (Formerly Tart Mixture). Frilly double, 2 - 2 1/2 in. multiflora flowers in uniform mounded plants.

100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  (28B0)

PETUNIA, GRANDIFLORA
250,000 sds/oz  70° - 75°

DADDY SERIES-PELLETED
10-15 in. - 245,000-357,000 S. Beautiful, large 4 in. blooms with prominent darker veins. Early flowering, uniform compact habit with good weather tolerance. PELLETED SEED.

Blue - 0165PE
Orchid - 0184PE
(Let all America Winner - 1989). Light orchid.
Peppermint - 0870PE
Orchid pink.
Pink - 0873PE
Soft pink.
Red (strawberry) - 0132PE
Coral red.
Sugar - 0188PE
Orchid-purple with wine-red veins.

Mixtture - 0225PE
Each of the above: (28B0)  250 sds - $8.35
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95

DREAMS SERIES-PELLETED
10-15 in. - 228,000-346,000 S. Very large, 3 1/2 - 4 in. flowers provide a 5 - 7 day bloom time between all colors. Requires less pinching to maintain its shape. Taller plants help prevent Botrytis. Compact, mounding habit stays tidy in the landscape and requires less pinching to maintain its shape. Great for small and large packs, pots and bowls. Weeks to flower: 9-11. PELLETED SEED.

Blue - 0147PE
Light blush salmon.
Burgundy - 0151PE
Burgundy Picotee - 0185PE
Burgundy with white edge.

PETUNIA, GRANDIFLORA SINGLE
Dreams Series - Pelleted (continued next column)

PETUNIA, GRANDIFLORA SINGLE
Dreams Series - Pelleted (continued)

Coral Morn - 0110PE
Coral-red margin with creamy white throat.

Midnight - 0179PE
Dark blue.

Neon Rose - 0867PE
Magenta-purple.

Pink - 0872PE
Deep pink flowers with white throat.

Red - 0120PE
Deep red.

Red Picotee - 0154PE

Rose - 0149PE

Rose Morn - 0127PE

Rose Picotee - 0186PE

Rose with white edge.

Salmon - 0153PE
Salmon.

Sky Blue - 0191PE
Light to mid blue.

White - 0857PE
Clean white.

Mixture - 0228PE

Patriot Mixture - 0141PE
A patriotic blend of red, white and midnight blue.

Waterfall Mixture - 0142PE
Mixture of Midnight, Sky Blue and White.

Wild Rose Mixture - 0166PE
A vibrant combination of Appleblossom, Neon rose and Burgundy.

Mixture of the above: (28B0)  250 sds - $8.35
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95

DUVET SERIES
6-8 in. - A tried and true garden plant, modernized for easy care. Large, bright, trumpet-shaped flowers are held upright to help prevent Botrytis. Compact, mounding habit stays tidy in the landscape and requires less pinching to maintain its shape. Great for small and large packs, pots and bowls. Weeks to flower: 7-9. PELLETED SEED.

Blue - 0525PE
Burgundy - 0524PE

Pink - 0526PE
Red - 0527PE

Salmon - 0528PE
White - 0529PE

Mixture - 0530PE

FROST SERIES
12-14 in. - (F-1 Hybrid). A striking bicolor pattern! Bright white picotee edge provides contrast with solid colors of each flower makes magnificent eye catching displays. Weeks to flower: 9-11. PELLETED SEED.

Blue - 0814PE

Cherry - 0819PE
Cherry-red.

Fire - 0820PE
Bright red.

Velvet - 0831PE

Mixture - 0230PE
Complete mixture of all colors.

Mixture of the above: (29C0)  250 sds - $9.70
500 sds - $17.45  1,000 sds - $26.60
2,000 sds - $45.35  5,000 sds - $94.25

PRISM SUNSHINE (PELLETED) - 0210PE
8-10 in. - 25,000 S. (F-1 Hybrid). (All America Winner - 1998). Beautiful 3 in. yellow blooms. Very uniform and long flowering.

250 sds - $9.70
500 sds - $17.45
1,000 sds - $26.60
2,000 sds - $45.35
5,000 sds - $94.25  (29C0)
### PETUNIA, GRANDIFLORA SINGLE (continued)

<table>
<thead>
<tr>
<th>Hula Hoop Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 in. - Very early bi-color series with 3 in. flowers that have a crisp, white edging similar to the Frost/Picotee Series. PELLETED SEED.</td>
</tr>
<tr>
<td><strong>Blue</strong> - 0420PE</td>
</tr>
<tr>
<td><strong>Burgundy</strong> - 0239PE</td>
</tr>
<tr>
<td><strong>Red</strong> - 0241PE</td>
</tr>
<tr>
<td><strong>Rose</strong> - 0242PE</td>
</tr>
<tr>
<td><strong>Velvet</strong> - 0243PE</td>
</tr>
<tr>
<td><strong>Mixture</strong> - 0244PE</td>
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<tr>
<td>Each of the above: (29B0) 250 sds - $8.55</td>
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<tr>
<td>500 sds - $14.60</td>
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<td>1,000 sds - $21.85</td>
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<td>2,000 sds - $36.55</td>
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<tr>
<td>5,000 sds - $74.95</td>
</tr>
</tbody>
</table>

### SOPHISTICA SERIES

10-15 in. - 285,000 s. (F-1 Hybrid). Large flowers in unique colors. Colors change as the environment changes, so gardeners get 2 for 1. Weeks to flower: 8-11. PELLETED SEED.

- **Antique Shades** - 0205PE  Antique rose with yellow throat in a star-shaped bloom.
- **Blackberry** - 0209PE
- **Blue Morn** - 0206PE  Blue margin with silver white throat.
- **Lime Bicolor** - 0207PE  The most unique and distinguishable color that will change based upon light, heat and age of flowers.
- **Lime Green** - 0212PE  Yellow with underlying lime tone.
- **Mixture** - 0208PE  Each of the above: (29B0) 25 sds - $8.30
| 50 sds - $14.20 |
| 100 sds - $20.70 |
| 250 sds - $40.30 |
| 500 sds - $67.75 |

### SUPERCASCADE SERIES-PELLETED

10-15 in. - Early flowering improved Cascade with very large flowers and a more compact growing habit. PELLETED SEED.

- **Blue** - 0173PE  Midnight blue.
- **Burgundy** - 0102PE  Deep burgundy-red.
- **Lilac** - 0178PE  Soft lilac-lavender.
- **Pink** - 0866PE  Bright pink.
- **Red** - 0122PE  Bright scarlet-red.
- **Rose** - 0886PE  Deep rose flowers.
- **White** - 0855PE  Purest paper white.
- **Mixture** - 0222PE  Each of the above: (29B0) 250 sds - $8.55
| 500 sds - $14.60 |
| 1,000 sds - $21.85 |
| 2,000 sds - $36.55 |
| 5,000 sds - $74.95 |

### TRITUNIA SERIES

10-12 in. - (F-1 Hybrid). Best of the Best! Selections from our top performers that simplifies your Petunia program. Matched for uniformity in habit and flowering. Performance you can trust from greenhouse to garden. A one stop shop for color selection, bold bright solids, crisp bi-colors, novelty veined and morn patterns. Great for packs, pots, containers, mass plantings. Weeks to flower: 8-14. PELLETED SEED.

- **Blue** - 0439PE
- **Blue Star** - 0441PE
- **Blue Vein** - 0440PE
| **Burgundy** - 0442PE |
| Each of the above: (29B0) 250 sds - $8.55 |
| 500 sds - $14.60 |
| 1,000 sds - $21.85 |
| 2,000 sds - $36.55 |
| 5,000 sds - $74.95 |

### PETUNIA, GRANDIFLORA SINGLE (continued on next column)
PETUNIA, MULTIFLORA SINGLE (continued)
Sugar - 0915PE Orchid with darker veins.
Summer - 0916PE
Salmon-red with deep rose veins.
Total Madness - 0919PE A blend of all varieties except Burgundy Star and Rose Star.
White - 0917PE Pure white.
Yellow - 0972PE Light yellow.
Merlot Mixture - 0990PE A mixture of burgundy and lavender shades.
Each of the above: (25C0) 25 sds - $9.70
500 sds - $17.45 1,000 sds - $26.60
2,000 sds - $45.35 5,000 sds - $94.25

MERLIN BLUE MORN (PELLETED) - 0260PE
100 sds - $7.25 200 sds - $12.20
500 sds - $20.70 1,000 sds - $33.10
2,000 sds - $59.65

PETUNIA, SPREADING
250,000 sds/oz 70° - 75°

COMBO BLUE (PELLETED) - 0106PE
6-12 in. - (F-1 Hybrid). Large, 2-3 in. velvety deep blue flowers on a mounding, well-branched plant. Excellent fragrance too. Fragrance has notes of hyacinth, sweet honey and rose. As the name implies, the scent is stronger in the evening hours, though it can be experienced throughout the day as well. Scent is perceived differently by each individual. Works well in containers, hanging baskets and in mass plantings.
10 sds - $7.25 25 sds - $12.80
50 sds - $20.70 100 sds - $31.70
250 sds - $69.10

EVENING SCENTSATION (PELLETED) - 0252PE
5 in. - (F-1 Hybrid). (All America Winner - 2017). Multiflora type. One of the best blue petunias ever seen. Nice mounding and spreading habit. Excellent fragrance too. Fragrance has notes of hyacinth, sweet honey and rose. As the name implies, the scent is stronger in the evening hours, though it can be experienced throughout the day as well. Scent is perceived differently by each individual. Works well in containers, hanging baskets and in mass plantings.

PETUNIA, SPREADING (continued)

EASY WAVE SERIES
6-12 in. - (F-1 Hybrid). Grower friendly - earlier to flower under short days with more flowers. Reduces the need for plant growth regulators required in other spreading petunias. Use similar culture as Multiflora petunias. More of a mounded and less spreading habit that the Wave Series. Ideal for baskets, containers and small space gardens. 2 1/4-2 1/2 in. flowers with a 30-36 in. spread. Looks good all season. Weeks to flower: 12-16 in the spring; 9-13 in the summer. PELLETED SEED.

Berry Velour - 0922PE
Flowers are rosy-red in cool night low light conditions. The color warms up with orange undertones in warm high light conditions.

Blue - 0986PE Dark blue flowers with some shading to light blue.

Burgundy Star - 0696PE
Rich burgundy with pure white star.

Burgundy Velour - 0923PE
Deep cabernet with velvet undertones.

Coral Reef - 0978PE
Deep coral with small white throat.

Lavender Sky Blue - 0956PE
Shades of lavender to sky blue.

Neon Rose - 0878PE Vivid rose-pink.

Pink - 0981PE Bright pink.

Pink Passion - 0884PE Mid-pink with rose eye. A true bubblegum color.

Plum Vein - 0971PE
Mid-lavender with purple veins.

Red - 0987PE
Flowers open red and lighten to soft red as they mature.

Red Velour - 0924PE True blood red.

Rose Fusion - 0977PE New for 2020

Rosy Dawn - 0988PE
Coral-pink with a morn pattern center.

Silver - 0890PE
Soft white with blue-purple veins.

Violet - 0973PE
Richer violet color is more blue-toned than Ramblin Violet.

White - 0983PE Pure white.

Yellow - 0958PE
True yellow, slightly veined.

Merlot Mixture - 0990PE A mixture of burgundy and lavender shades.

Beachcomber Mix - 0979PE, Mix of Blue, Coral Reef and Shell Pink.

Great Lakes Mixture - 0881PE
Improved for 2018! A formula mixture of Blue, Violet and White.

Opposites Attract Mixture - 0882PE
Mix of Coral Reef and Violet.

Plum Pudding Mixture - 0974PE
Plum Vein and Violet.

Starfish Mixture - 0999PE A formula mixture of Burgundy Star and White.

Each of the above: (25H0) 25 sds - $11.30
50 sds - $21.35 100 sds - $32.65
250 sds - $66.55 500 sds - $113.95

Salmon - Crop failure. As a substitute, we suggest Easy Wave Coral Reef (pelleted).
**PETUNIA, SPREADING** (continued)

**FOTOFINISH SERIES** ♻️ New for 2020

10-14 in. - The most uniform spreading series with perfectly matched plant habits and flower timing. Extremely free flowering with masses of color all over the plant for high impact retail and long lasting garden displays. Mounding and branching habit is ideal for high density growing, holds better at retail and provides faster garden fill due to the need for fewer Plant Growth Regulators in production. Weeks to flower: 9-10. PELLETED SEED.

- Blue - 0938PE ♻️ New for 2020
- Burgundy - 0939PE ♻️ New for 2020
- Pink - 0940PE ♻️ New for 2020
- Red - 0941PE ♻️ New for 2020
- Salmon - 0942PE ♻️ New for 2020
- White - 0943PE ♻️ New for 2020
- Patriot Mixture - 0945PE ♻️ New for 2020

A mixture of Blue, Red and White.

<table>
<thead>
<tr>
<th>Each of the above: (25C0)</th>
<th>25 sds</th>
<th>50 sds</th>
<th>100 sds</th>
<th>250 sds</th>
<th>500 sds</th>
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<tr>
<td></td>
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<td>$15.95</td>
<td>$23.70</td>
<td>$46.90</td>
<td>$79.30</td>
</tr>
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</table>

**SHOCK WAVE SERIES**

7-10 in. - Lush, full plants are blanketed with tons of color from the amazing amount of small, high impact flowers of 1.5 to 2 in. in size. Spreading 30-36 in. Earliest to flower and fastest to recover after rain or weather compared with any Petunia. Self-cleaning plants stay flower-filled to deliver the best looking outdoor displays. This series plays well with other, making them an excellent choice for mixed combos and the quickest fill in hanging baskets. It's the new kid in town. Weeks to flower: 9-12. PELLETED SEED.

- Coconut - 0270PE Not a white, but more crisp and clean than Ivory with a green throat leading outward to the veins.
- Coral Crush - 0272PE Shimmering coral bloom with yellow throat.
- Deep Purple - 0264PE
- Denim - 0269PE Dark blue-purple, changes to blue-lavender silver in high light and hot conditions.
- Pink Shades - 0262PE
- Pink Vein - 0263PE Bright pink with dark pink veins.
- Purple Tie Dye - 0277PE Wonderfully fluid color between bright white and intense blue.
- Red - 0273PE
- Rose - 0265PE
- Yellow - 0276PE Mid-yellow with slightly lighter margin.

**RAMBLIN SERIES**

14-16 in. - Taller hedge shape. Attractive 2 in. flowers cover the plants. The growth habit is determined on how closely the plants are spaced in the garden. The closer the spacing, the taller the plants. When given plenty of room, it makes a floriferous groundcover, spreading 30-36 in. Good garden performer. PELLETED SEED.

- Cherry - 0201PE Hot Pink - 0202PE Purple - 0204PE
- Red Velour - 0200PE Velvety deep red.

Each of the above: (25H0) 25 sds - $11.30 50 sds - $21.35 100 sds - $32.65 250 sds - $66.55 500 sds - $113.95

**TIDAL WAVE SERIES**

14-16 in. - Taller hedge shape. Attractive 2 in. flowers cover the plants. The growth habit is determined on how closely the plants are spaced in the garden. The closer the spacing, the taller the plants. When given plenty of room, it makes a floriferous groundcover, spreading 30-36 in. Good garden performer. PELLETED SEED.

- Blue - 0278PE Hot Pink - 0279PE Hot Pink Shades - 0280PE
- Burgundy - 0281PE Denim - 0282PE Dark blue-purple, changes to blue-lavender silver in high light and hot conditions.
- Coral Crush - 0272PE Shimmering coral bloom with yellow throat.
- Deep Purple - 0264PE
- Denim - 0269PE Dark blue-purple, changes to blue-lavender silver in high light and hot conditions.
- Pink Shades - 0262PE
- Pink Vein - 0263PE Bright pink with dark pink veins.
- Purple Tie Dye - 0277PE Wonderfully fluid color between bright white and intense blue.
- Red - 0273PE
- Rose - 0265PE
- Yellow - 0276PE Mid-yellow with slightly lighter margin.

**WAVE SERIES**

3-6 in. - Beautiful 3 in. single flowers on prostrate habit to 36-48 in. Weather tolerant with good garden performance all season. Blooms freely without being cut back. Flowering will not occur before 12 sets of true leaves, so growth regulators are encouraged to tighten the internodes for flowering. Ideal for baskets, large pots and landscape. Use as a ground cover. Weeks to flower: 12-16 in spring; 9-13 in summer. PELLETED SEED.

- Carmine Velour - 0985PE
- Hot carmine-cherry.
- Misty Lilac - 0993PE Pink - 0992PE Purple - 0996PE Slightly different color but up to two weeks earlier to flower.
- Purple Classic - 0991PE (All America Winner - 1995).

Each of the above: (25C0) 25 sds - $9.10 50 sds - $15.95 100 sds - $23.70 250 sds - $46.90 500 sds - $79.30

**NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL**
**PETUNIA-FUSEABLES**

**MULTI-SPECIES COLLECTION**
Fantastic for making dazzling, well-mixed petunia combos. Also exciting combinations (Petunia and Bacopa) bring together great textures, colors and includes outstanding varieties. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

**Healing Waters (multi-seed) - 0312MP**
Includes Shock Wave Denim (Petunia), Easy Wave Violet (Petunia), and large flowered blue Bacopa.

<table>
<thead>
<tr>
<th>Sds/oz</th>
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<tbody>
<tr>
<td>10 sds</td>
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<td>$21.30</td>
</tr>
<tr>
<td>100 sds</td>
<td>$57.25</td>
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</tbody>
</table>

Blueberry Lime Jam - Sorry, no longer available.
Strawberry Wine - Sorry, no longer available.
Ooh La La - Sorry, no longer available.

**PHLOX, DRUMMONDI**
14,000 sds/oz 60°-65° 10 days
For best germination, sow seed on sterilized media, cover seed lightly and place flat in the dark. Maintain 65° soil temperature.

**21ST CENTURY SERIES-ENHANCED**
Mixture - 3605EN
All colors in the series.

**Patriot Mixture - 3611EN**
Blue, Crimson and White.

<table>
<thead>
<tr>
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<td>250 sds</td>
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</table>

Blue, Crimson, Pink, Salmon, Scarlet, White - Discontinued. As a substitute, we suggest 21st Century Mixture (enhanced).

**TWINKLE DWARF STAR MIXTURE - 3622**
7 in. - 15,500 S. Big trusses of star-shaped flowers in a beautiful color range, both solid and bicolors are lavishly produced on dwarf, compact plants. Blooms very early in flats and continues will into the summer.

<table>
<thead>
<tr>
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<td>1,000 sds</td>
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<tr>
<td>5,000 sds</td>
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</table>

PHYSOSTEGIA (continued)

**VIRGINIANA ROSE - 6132**
Perennial. 24 in. - 14,000 S. P. virginiana. Rose-pink flowers. Zones: 2-9

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>250 sds</td>
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</table>

**PLATCODON**
Tufted Harebell or Balloon Flower
28,000 sds/oz 65°-70° 10 days
Light will help germination. A showy plant with balloon-shaped flower buds that open into 3 in. cupped flowers with 5 pointed lobes. Nice cutflower. Will bloom June-August the same year sown.

**ASTRA SERIES**
Perennial. 8 in. - 25,000-31,500 S. (F-1 Hybrid). Long lasting 2-3 inch blooms with thick, durable petals. Zones: 3-8

**Blue - 6315**
Pink - 6670
Semi-double Blue - 6672
Semi-double Pink - 6674
Semi-double White - 6669

**White - 6671**
Mixed - 6673
All colors in the series, including the single and semi-doubles.

**GRANDIFLORA**
Perennial. 24 in. - 26,000 - 42,000 S. P. grandiflora. Large, single flowers on long graceful stems.

**Blue - 6135**
Shell Pink - 6139

**POP STAR SERIES**
New for 2020
Perennial. 6-8 in. - P. grandiflorus. Compact habit. A fun perennial that features flower buds that swell into huge plump balloon-like orbs then pop open to reveal huge star-shaped blossoms. Wonderful in the mixed garden, in containers and as a cut flower. Zones: 3-9

**Blue - 6675**
New for 2020
Pink - 6676
White - 6677

**Mixture - 6678**
A mixture of all the above.

**SENTIMENTAL BLUE - 6116**
Perennial. 8 in. - 35,000 S. (F-1 Hybrid). Large blue flowers on compact, uniform plants. Zones: 3-8

**New for 2020**

**NEW ITEM THIS YEAR**
**PLECTRANTHUS**  
46,400 sds/oz  68-74°  6-9 days

**SILVER CREST - 3629**  

**SILVER SHIELD (PELLETED) - 3625PE**  
24-30 in. - 25,500 S. P. argentatus. Robust plants with upright, spreading habit and silver-gray leaves add texture to any planting. Stress tolerant and vigorous, featuring long, graceful flower spikes with small pale blue florets.

**POLEMONIUM**  
Jacob's Ladder, Greek Valerian  
16,500 sds/oz  65°-70°  20 days

**BLUE WHIRL - 6162**  
刊登 12 in. - 25,000 S. P. viscosum. Compact growing with uniform habit. Nice foliage rosettes and loose flower clusters; on short-stemmed spikes. Ideal for pots or border plant. Will flower the first year. Zones: 5

**CAERULEUM BLUE - 6142**  
刊登 24 in. - 26,000 S. Large clusters of lavender-blue flowers with fern-like feathery foliage that blooms all season. Ideal as a cut flower or border plant. Will start to flower about 90 days after seeding. Blooms May-August. Zones: 3-8

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**POLEMONIUM (continued)**

**HEAVENLY HABIT - 6191**  
**Perennial.** 10 in. - 25,000 S. P. haydenii. Sky blue flowers with yellow throat.

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**POPPY**

**Papaver**  
175,000 sds/oz  70°  10 days

After sowing seeds, do not cover with media; place flat in a dark area and maintain 70° soil temperature. Cover seed flat with glass and place in dark area. Cup shaped 3-4 in. flowers with 4 broad crepe-like petals borne on stout stems held above the lobed hairy foliage. Blooms May - July the same year sown. Nice cutflower. Will repel aphids in the garden.

**ALPINE POPPY - 6149**  
**Perennial.** 10 in. - 192,000 S. A dwarf plant, 10 in. high with white, yellow-orange fragrant flowers, nearly stemless. Zones: 4-7

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**CHAMPAGNE BUBBLES SERIES**  
12 in. - 165,000 S. (F-1 Hybrid). P. nudicaule. (Iceland Poppy). Flowers 2-3 times the size of regular strains that are produced over a much longer period of time. ENHANCED SEED for improved and more uniform germination.

**Citrus Mixture - 3442EN**  
Mixture of orange, white and yellow.

**Mixture - 3631EN**  
A mixture of orange, pink, scarlet, white and yellow, all with pale yellow centers.

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**PORTULACA**

**Purslane**  
280,000 sds/oz  70°-75°  4-8 days

After sowing, do not cover seed with media. Easily direct seeded.

---

**POPPY, ORIENTALE**  
125,000 sds/oz

Makes colorful beds and borders.

**BEAUTY OF LIVERMORE - 6145**  
**Perennial.** 36 in. - 150,000 S. Dark oxblood red. Zones: 2-7

**BRILLIANT - 6147**  
刊登 36 in. - 105,000 S. Vivid fiery scarlet. Zones: 2-7

**CARNEUM - 6158**  
刊登 40 in. - 104,000 S. Stunning salmon-pink blooms are a highlight in a cottage garden at midsummer but equally at home teamed with grasses and other plants for a more contemporary look. Slightly lighter shade than Princess Victoria Louise. Handsome green leaves make a solid clump when the plant is not in flower and add texture and interest. Zones: 4

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**PRINCE OF ORANGE - 6146**  
**Perennial.** 36 in. - 93,500 S. Orange scarlet. Zones: 2-7

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**PRINCESS VICTORIA LOUISE - 6148**  
**Perennial.** 36 in. - 104,000 S. Salmon-red. Zones: 2-7

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**PORTULACA (continued on next page)**
PORTULACA (continued)

HAPPY TRAILS SERIES
6-9 in. - TRAILING. Big, semi-double flowers in intense, vivid colors. Excellent garden performer is great for hot, dry, full sun conditions. MULTI-SEED PELLET contains 5-6 seeds per pellet.

Deep Red - 3461MP
Fuchsia - 3462MP
Orange - 3463MP
Peppermint - 3464MP
Pink - 3465MP
Rosita - 3466MP
White - 3467MP
Yellow - 3468MP

200 sds - $14.85 500 sds - $24.55
1,000 sds - $47.85 2,000 sds - $89.90
5,000 sds - $187.00 10,000 sds - $358.00

HAPPY TRAILS SERIES-RAW SEED

PORTULACA SUNDALE SERIES
4 in. - (F-1 Hybrid). Very early to flower with compact growth habit. Outstanding garden performance. MULTI-SEED PELLET contains 5-6 seeds per pellet.

2,000 sds - $12.20
5,000 sds - $22.20
10,000 sds - $33.10

PORTULACA SUNDIAL SERIES-RAW SEED

PORTULACA PRITZELAGO SERIES

PORTULACA ICECUBE SERIES

PORTULACA ROBINSON SERIES

PORTULACA SUPERNOVA SERIES

PORTULACA FIREBALL MIXED

PORTULACA PRIMULA

PORTULACA POTENTILLA

PORTULACA PRITZELAGO

PORTULACA PYRETHRUM ROSEUM

PORTULACA ROBINSON DARK CRIMSON

PORTULACA ROBINSON SINGLE MIXTURE
QUINOA, ORNAMENTAL

BRIGHTEST BRILLIANT RAINBOW - 1131
24 in. - 9,500 S. 90-120 days. Selected for its vivid display of colorful seed heads, this ancient plant is a delicious and nutritious edible green and grain. The leaves are thick and succulent with a salty, savory flavor similar to spinach. The tiny grain is nutty, delicious and packed with protein. It’s a practical and striking addition to ornamental beds, adding dazzling shades of fuchsia, burgundy, lime green, cream, orange and yellow. If planting for greens, sow seeds 1 in. apart and harvest entire plant when it reaches 6-8 in. tall. For grain production and enjoying selected leaves throughout the season, space plants 12-14 in. apart. Bloom in late summer to autumn. Organically grown seed.

- 250 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

RANUNCULUS

42,000 sds/oz  55°-60°  25 days
For the best germination; refrigerate seed for 5 days before sowing. After the cotyledons have expanded, increase temperature to 64° days. Temperatures can be reduced after transplant. August/Sept sowings for March/April sales.

- 250 sds - $53.45
- 500 sds - $90.85
- 1,000 sds - $140.10

BLOOMINGDALE II MIXTURE (PELLETED) - 6213PE
Perennial. 10-14 in. - (F-1 Hybrid). A stunning mixture of brilliant clear colors. Early and uniform flowering. Compact habit is ideal in 4 in. pots, quarts, gallons and mixed containers.

- 50 sds - $17.75
- 100 sds - $35.50
- 250 sds - $70.70

RATIBIDA, COLUMBINIFERA

Mexican Hat, Prairie Coneflower
45,000 sds/oz  65°-70°  14 days

RED MIDGET - 6523

- Perennial. 15 in. - 56,000 S. Dwarf, compact branching habit with festive copper-red flowers and yellow edged petals. Good for dried flowers. Attracts butterflies. Zones: 3-10
- 1,000 sds - $7.25
- 5,000 sds - $18.45
- 25,000 sds - $61.85

YELLOW - 6214

- Perennial. 24-42 in. - 45,000 S. A well branched plant with long leafless stalks bearing sombrero-shaped yellow flower heads. The flowers central brown disk protrudes above the drooping petals. Leaves on the lower portion of the stem are feathery and deeply cleft.
- 1,000 sds - $7.95
- 5,000 sds - $22.95
- 25,000 sds - $80.95

RHODOCHITON

100,000 sds/oz  70°  5-7 days

PURPLE BELLS - 3690

Climber. 120 in. - 95,000 S. R. atrosanguineus. Masses of bell-shaped, tubular maroon-purple flowers with deep purple corollas. Free-flowering and vigorous climbing vine growing 8-10 feet. Ideal as a climbing vine or in hanging baskets. A tender perennial in many areas that will need protection to winter over. Weeks to flower: 16.

Each of the above: (26H0) 50 sds - $12.80
- 100 sds - $24.95
- 250 sds - $50.25
- 500 sds - $79.70
- 1,000 sds - $140.10

RICINUS (continued)

CARMENCITA SERIES

- 60 in. - 65-90 S. Fast growing, tall and dramatic with huge leaves and interesting flower spikes that add drama to borders and beds. The palmate leaves have deeply incised lobes and grow to 12-30 in. across. Remarkably architectural and can be used very effectively in the center of island beds or at the back of the border.

Bright Red - 3695
Dark brown leaves. The bright red flower buds and seedpods appear early.

Pink - 3696
Dark green foliage with red stems that have a silver shine. An added attraction is the attractive pink fruit.

Mixture - 3697
A blend of the above varieties.

- Each of the above: (25D0) 25 sds - $9.80
- 50 sds - $17.75
- 250 sds - $34.25
- 1,000 sds - $92.80

RED GIANT - 3683

36 in. - 130 S. R. communis. Brighter red leaves and seed heads than many other forms. Deep red-bronze shiny leaves only produce their strongest color when in full sun and as it matures. This absolutely stunning plant will in time grow into a tree in warmer countries. Please note that these seeds are extremely poisonous if eaten.

- 50 sds - $9.80
- 100 sds - $17.75
- 250 sds - $34.25
- 1,000 sds - $92.80

ZANZIBARIENSIS MIXTURE - 3699

- 60 in. - 80 S. Bright green foliage, various colors and variations.
- 50 sds - $7.55
- 100 sds - $15.10
- 500 sds - $27.00

In an lifetime, the average person walks the equivalent of five times around the world.
**RUDBECKIA, HIRTA**

**AUTUMN COLORS - 3676**

- **20-24 in. - 37,000 S.** Vivid fall colors for a delightful addition to autumn mixed bouquets. Large, 5-6 inch blooms in shades of red, gold and bronze all with the classic black-eye. A vigorous grower, it is well suited for use as a classic landscape plant. Weeks to flower: 14-16.
  - 100 sds - $10.40  
  - 500 sds - $35.65  
  - 2,000 sds - $110.10  

**CHEROKEE SUNSET - 3178**

- **24-30 in. - 45,000 S.** (All America Winner - 2002). A blend of sunset colors - golden yellow, orange, bronze and mahogany shades on double to semi-double 4 in. flowers. Outstanding branching habit and garden performance. Ideal as a cut flower. Zones: 5-9
  - 100 sds - $8.65  
  - 250 sds - $34.25  
  - 1,000 sds - $93.45  
  - 2,000 sds - $198.80  

**CHERRY BRANDY - 3628**

  - 100 sds - $10.40  
  - 500 sds - $32.65  
  - 2,000 sds - $65.30

**CHIM CHIMINEE - 3967**

- **20 in. - 40,000 S.** Quilled flower petals in a range of gorgeous autumn colors.
  - 100 sds - $8.10  
  - 250 sds - $34.25  
  - 1,000 sds - $79.80

**DENVER DAISY - 3983**

- **22-26 in. - 30,750 S.** Abundant 6-8 in. golden flowers with a distinct ring surround the dark eye drawing attention to mass plantings or single plants alike. Named after the mile high city, it will add height in the landscape for high visibility. Requires minimal maintenance it will thrive in the heat and has few pests making it a natural for large commercial landscapes.
  - 100 sds - $9.30  
  - 500 sds - $29.65  
  - 2,000 sds - $89.90

**GOLDSTURM (ENHANCED) - 6220EN**

- **24-28 in. - 62,500 S.** Beautiful 3-4 in. bright golden-orange daisy-like flowers are mostly double, with some semi-double opened. Weeks to flower: 14-16. Zones: 5-9
  - 500 sds - $7.25  
  - 2,000 sds - $14.10  
  - 10,000 sds - $42.30

**HURTA - 3669**

- **24 in. - 89,000 S.** Bright yellow flowers that will bloom the first year from summer to frost.
  - 1,000 sds - $7.25  
  - 5,000 sds - $36.75  
  - 25,000 sds - $182.60

**INDIAN SUMMER - 3707**

  - 100 sds - $8.10  
  - 500 sds - $23.70  
  - 2,000 sds - $69.70

**IRISH EYES - 3685**

- **24-30 in. - 55,500 S.** Large single, golden yellow flowers have an emerald green center. A profuse bloomer.
  - 250 sds - $7.25  
  - 1,000 sds - $16.95  
  - 2,000 sds - $55.55

**MAYA - 3684**

- **18-20 in. - 47,000 S.** Compact, pot type variety producing an abundance of fully double 1-2 in. golden yellow flowers. Weeks to flower: 13-15. Zones: 5-9
  - 100 sds - $8.10  
  - 500 sds - $23.70  
  - 2,000 sds - $69.70

**PRAIRIE SUN - 3682**

- **28-32 in. - 38,000 S.** (All America Winner - 2003). Sturdy habit, beautiful 6-8 in. single, two-toned light yellow and golden yellow petals with a green eye. The contrasting eye brightens up the entire plant. Weeks to flower: 15-17. Zones: 5-9
  - 100 sds - $11.10  
  - 500 sds - $38.65  
  - 2,000 sds - $120.10

**SONORA - 3703**

- **18-20 in. - 37,500 S.** Beautiful 5-6 in. golden petals with large deep mahogany ring, which provides a striking yellow-brown contrast. Foliage is bushy and dark green. Ideal for pots or packs. Weeks to flower: 13-15. Zones: 5-9
  - 100 sds - $10.40  
  - 500 sds - $35.65  
  - 2,000 sds - $110.10

**TOTO SERIES**

- **12-15 in. - 64,000 S.** Compact, well branched, early flowering series. Beautiful single 2-3 in. round flowers. Ideal for 4-5 in. pot production. Thriving in full sun, these varieties are weather and heat tolerant for summer long performance. Weeks to flower: 12-14.
  - **Gold - 3704** Golden-yellow.
  - **Lemon - 3687** Light yellow.
  - **Rustic - 3686** Yellow bronze petals with red ring.
  - **Mixture - 3681** Each of the above: (2880) 100 sds - $7.25  
  - 200 sds - $12.20  
  - 500 sds - $20.70  
  - 1,000 sds - $33.10  
  - 2,000 sds - $59.65

Rudbeckia. Also see listing of Echinacea and Rudbeckia, hirta under Flowers.

**RUDBECKIA**

30,000 sds/oz  70-75°  20 days

These varieties require special treatment for satisfactory germination. Before sowing, freeze seed for 5 days, refrigerate for 5 more days. Sow seed and maintain 70° day temperature, 60° nights. Do not use bottom heat as seed will rot! Nice cutflower. Will attract butterflies all season. Flowers July-September.

**GREEN WIZARD - 6481**

- **Perennial.** 46-60 in. - 15,000 S. R. occidentalis. Extraordinary and unusual plant. Dark black cones, bright green sepals and no petals! Interesting cut or dried flower. Novel addition to the perennial border. Zones: 3-9
  - Each of the above: (2880) 100 sds - $7.25  
  - 200 sds - $12.20  
  - 500 sds - $20.70  
  - 1,000 sds - $33.10  
  - 2,000 sds - $59.65
**RUDBECKIA** (continued)

**TRILOBA (BROWN-EYED SUSAN) - 6482**

- **Perennial.** 24-60 in. - 28,000 S. (Brown-eyed Susan). Outstanding bloom power for 2 months or longer! Sprays of showy yellow flowers with jet black centers that fade to brown. Vigorous plants produce masses of stems for cutting. Perfect addition to any bouquet. Blooms late August to first frost first year, July to frost second year. Hardy biennial that may be grown as an annual. Zones: 4-7

  - 500 sds - $7.65
  - 1,000 sds - $11.70
  - 2,000 sds - $17.55
  - 5,000 sds - $33.40
  - 10,000 sds - $56.25

**SAGINA**

**Irish Moss**

- 70° 14 days

**SUBULATA (IRISH MOSS) - 6266**

- **Perennial.** 4 in. - 1,428,500 S. (Formerly Spergula pilifera). Evergreen creeper, densely tufted, covering the ground like a sheet of moss. White flowers on slender stems. Excellent for rock walls. Will flower June to September. Zones: 4-7

  - 500 sds - $10.10
  - 1,000 sds - $17.40
  - 2,000 sds - $27.95
  - 5,000 sds - $56.60
  - 10,000 sds - $97.95

**SALPIGLOSSIS**

**Painted Tongue**

- 125,000 sds/oz 70°-75° 2 weeks

Sow seeds on sterilized media and do not cover with soil. Place seed flat in a dark area and maintain 70° soil temperature.

**GRANDIFLORA FINEST MIXTURE - 3710**

- **Annual.** 36 in. - 125,000 S. A breeder's blend of many beautiful and rich colors.

  - 5,000 sds - $8.10
  - 10,000 sds - $11.65
  - 25,000 sds - $21.45
  - 50,000 sds - $38.55

**SALVIA** (continued)

**BLUE BEDDER - 3765**

- **Annual.** 36 in. - 19,000 S. S. farinacea. Deep blue flowers on long graceful stems for cutting. Very effective in mass plantings.

  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

- **CORAL NYMPH - 6249**

  - 16 in. - 28,000 S. S. coccinea. (Texas Sage). Coral-salmon and white bicolor flowers. Zones: 7-9

  - 100 sds - $7.25
  - 200 sds - $12.20
  - 500 sds - $20.70
  - 1,000 sds - $33.10
  - 2,000 sds - $59.65

- **EVOLUTION DEEP VIOLET - 3480**


- **EVOLUTION WHITE - 3478**


- **FAIRY QUEEN - 3884**

  - 18 in. - 21,000 S. S. farinacea. Unique bicolor type with dense blue flower spikes and a small white spot on each blue flower, creating the illusion of fairy dust. Excellent performance throughout the summer until first frost.

    - Each of the above: (29B0) 250 sds - $8.55
    - 500 sds - $14.60
    - 1,000 sds - $21.85
    - 2,000 sds - $36.55
    - 5,000 sds - $74.95

- **LADY IN RED - 3743**

  - 12-14 in. - 21,000 S. S. coccinea. (All America Winner - 1992). (Texas Sage). Bright red trumpet-shaped blooms. It is a LD plant and requires at least 13 hours to flower.

    - Each of the above: (28B0) 100 sds - $7.25
    - 200 sds - $14.20
    - 500 sds - $26.65
    - 1,000 sds - $43.60
    - 2,000 sds - $79.80

- **LANCELOT**


    - Each of the above: (29B0) 250 sds - $8.55
    - 500 sds - $14.60
    - 1,000 sds - $21.85
    - 2,000 sds - $36.55
    - 5,000 sds - $74.95

- **LANTICOMA - 3776**

  - 12,500 S. S. canariensis. Summer flowering with silvery felted and fragrant foliage and spikes of carmine-purple blooms. It is a LD plant and requires at least 13 hours to flower.

    - Each of the above: (28B0) 100 sds - $7.25
    - 200 sds - $14.20
    - 500 sds - $26.65
    - 1,000 sds - $43.60
    - 2,000 sds - $79.80

- **MAGGIE MAE - 3784**

  - 18 in. - 21,000 S. S. coccinea. Unique bicolor type with dense blue flower spikes and a small white spot on each blue flower, creating the illusion of fairy dust. Excellent performance throughout the summer until first frost.

    - Each of the above: (29B0) 250 sds - $8.55
    - 500 sds - $14.60
    - 1,000 sds - $21.85
    - 2,000 sds - $36.55
    - 5,000 sds - $74.95

- **NEW DIMENSION SERIES**

- **MERLEAU SERIES**

  - **Perennial.** 12-15 in. - 29,000 S. S. superba. An erect, clump forming habit noted for its compact, evenly branched form and its long summer bloom. Use as a border front, beds or containers. Will tolerate drought, deer and rabbits. Flowers will attract bees and butterflies. Weeks to flower: 12-14. Zones: 4

    - **Blue - 6791**
      - Deep-violet blue.
    - **Blue Compact - 6796**
      - Rose - 6792
      - Rose-pink.
    - **White - 6793**

- **NEW ITEM THIS YEAR**

- **OXFORD BLUE - 3778**

  - 24 in. - 11,000 S. S. horminum. (Annual Clary). Lustrous, gentian blue blooms on neat, compact plants have large, long leaves that are oval to triangular in shape, lightly hairy and bright green with toothed margins. Use as a path edging, border, groundcover or container plant.

    - Each of the above: (28D0) 100 sds - $8.65
    - 200 sds - $15.10
    - 500 sds - $26.65
    - 1,000 sds - $43.60
    - 2,000 sds - $79.80

- **PATENS (BLUE) - 6221**

  - **Perennial.** 30 in. - 3,500 S. patens. Large, bright blue flowers.

    - Each of the above: (25B0) 10 sds - $7.25
    - 25 sds - $12.80
    - 50 sds - $20.70
    - 100 sds - $31.70
    - 250 sds - $69.10

- **PATIO SERIES**


    - **Deep Blue - 6788**
      - Sky Blue - 6789

  - Each of the above: (25B0) 25 sds - $8.30
    - 50 sds - $14.20
    - 100 sds - $20.70
    - 250 sds - $40.30
    - 500 sds - $77.75

- **SALVIA** (continued on next page)**
**SALVIA** (continued)

**PINK SUNDAY - 3775**
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.20

**QUEEN SERIES**
- **Perennial.** 20,000-25,000 S. x superba (S. nemorosa). Clump forming habit, with fragrant foliage and masses of pencil thin flower spikes, so densely set that they present a solid wall of color in any border. Not fussy about soil, it flourishes in blazing sun, tolerating drought and often reblooms. Zones: 4-9
  - **Dwarf Blue - 6245**
    - 12 in. Vibrant violet-blue.
      - 250 sds - $10.90
      - 1,000 sds - $31.40
      - 2,000 sds - $54.20
      - 5,000 sds - $113.55
  - **Rose - 6233**
    - 24 in. Rosy-pink.
      - 250 sds - $8.55
      - 1,000 sds - $21.85
      - 2,000 sds - $36.55
      - 5,000 sds - $74.95

**RHEA - 3767**
- 14 in. - 31,000 S. farinacea. A mini version of Victoria. Deep blue spikes on uniform plants that will flower July through the Summer.
  - 250 sds - $7.25
  - 1,000 sds - $16.95
  - 2,000 sds - $27.70
  - 5,000 sds - $55.55

**SALVATORE BLUE - 6246**
**Perennial.** 10-12 in. - S. nemorosa. Tallest spikes and the deepest blue color with black stems. Extremely vigorous which means better suited for gallons. Weeks to flower: 9-12. Zones: 4-8
  - 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10
  - 2,000 sds - $99.95

**SCARLEA (CLARY SAGE) - 3755**
- 36 in. - 6,000 S. coccinea. An attractive biennial or short-lived perennial which forms a basal rosette of strongly scented, wrinkled, gray-green leaves. In late spring, the very showy inflorescence of tubular, two-lipped, creamy white to lilac flowers opens well above the foliage. Although the flowers are quite small, they are subtended by papery, mauve-pink bracts that attract attention. Adding a cottage flavor to the garden, this sage thrives on neglect and always creates real drama when in peak bloom. Very useful and adaptable in the garden. Zones: 3-9
  - 250 sds - $7.25
  - 1,000 sds - $16.95
  - 2,000 sds - $27.70
  - 5,000 sds - $55.55

**SALVIA** (continued)

**SCARLET SAGE - 6230**
- **Perennial.** 30 in. - 18,500 S. coccinea. (Texas Sage). Large, bright scarlet spikes. Zones: 7-9
  - 500 sds - $7.65
  - 1,000 sds - $11.70
  - 2,000 sds - $17.55
  - 5,000 sds - $33.40
  - 10,000 sds - $65.25

**SALVIA, SPLENDENS**
7,500 sds/oz
Will attract hummingbirds all season.

**FLARE - 3748**
- 18 in. - 7,000 S. A popular bedding plant that is known for its beautiful bright scarlet spikes that contrast splendidly with the dark green foliage. Like huge, jagged tongues of flame, pierce the landscape with color so intense it almost shimmers. Unbelievable in a mass planting and also grown in those blazing trouble spots where little else has been successful. It is remarkably floriferous over an extra-long season and thrives on neglect. Brings bees, butterflies and hummingbirds into the garden by the dozen.
  - 250 sds - $10.90
  - 1,000 sds - $31.40
  - 2,000 sds - $54.20
  - 5,000 sds - $113.55

**BONFIRE - 3754**
  - 500 sds - $7.65
  - 1,000 sds - $11.70
  - 2,000 sds - $17.55
  - 10,000 sds - $56.25

**LIGHHOUSE PURPLE - 3769**
- 24-30 in. - 8,800 S. Background music does not get lovelier than this. Upright, deep purple spikes with dark to black corollas, planted in the border behind Petunias, Marigolds or other low-growing flowers, become beacons of sense-drenching color. Showy in the garden bed and great for large patio containers. Upright and heat tolerant plants are low-maintenance and high impact.
  - 250 sds - $7.25
  - 500 sds - $11.75
  - 1,000 sds - $16.95
  - 2,000 sds - $27.70
  - 5,000 sds - $55.55

**Mojave Improved Red - 3726**
- 14 in. - 7,500 S. True red flowers on deep green broad leaf foliage. New spikes cover the old, giving an intense and prolonged display.
  - 100 sds - $7.25
  - 200 sds - $10.70
  - 500 sds - $17.70
  - 1,000 sds - $27.85
  - 2,000 sds - $49.55
**SANVITALIA (continued)**

**CREeping Zinna**

- **29,000 sds/oz  70°  1 week**
  After sowing, do not cover seeds - needs light to germinate.

**GOLD BRAID - 3721**

4-6 in. - 54,000 S. Excellent low growing border plant with small yellow flowers and black centers.

- 1,000 sds  $7.25
- 2,000 sds  $10.40
- 5,000 sds  $18.45
- 10,000 sds  $30.10
- 25,000 sds  $61.85

**MANDARIN ORANGE - 3722**

6 in. - 54,000 S. (All America Winner - 1987). Outstanding variety producing 1 in. double orange flowers with a contrasting dark center, resembling a miniature sunflower. Very versatile in hanging baskets, ground cover or bedding. It loves sun, but accepts partial shade kindly.

- 250 sds  $8.55
- 500 sds  $14.60
- 1,000 sds  $21.85
- 2,000 sds  $36.55
- 5,000 sds  $74.95

**QUEEN OF SUNLIGHT - 3723**

10-12 in. - 38,500 S. (F-1 Hybrid). Exceptional uniformity and compactness from seed. Heavily branched, uniform and compact plants with masses of shiny yellow flowers make this seed-raised variety a true alternative to cuttings. High germination rates provide uniform and efficient plug production. An excellent addition for mixed combinations or for use as a cheerful patio plant.

- 50 sds  $8.30
- 100 sds  $14.20
- 250 sds  $26.15
- 500 sds  $40.30
- 1,000 sds  $69.20

**SAPONARIA**

**Rock Soapwort**

5,600 sds/oz  60°-70°  2 weeks

Darkness will help germination. Blooms May-August. Will flower the first year from seed.

- 50 sds  $8.30
- 250 sds  $26.15
- 500 sds  $40.30
- 1,000 sds  $69.20

**SCABIOSA, ANNUAL**

**Pincushion Flower**

4,500 sds/oz  70°  10 days

A fine long-stemmed and free-flowering annual for spring greenhouse or outdoor summer cutting. 2-1/2 to 3 ft. tall.

**SAXIFRAGA**

**Rockfoil**

445,000 sds/oz  65°-70°  2-3 weeks

For the best germination, freeze seed 3-5 days before sowing. Blooms April-July. Nice ground cover.

**HIGHLANDER RED SHADES - 6801**

**Perennial**

4-6 in. - 500,000 S. S. arendsi. A very low, dense, cushion-forming evergreen with tiny vivid colored flowers. Extremely uniform with extra-early flowering habit. Zones: 5-9

- 100 sds  $7.25
- 200 sds  $10.70
- 500 sds  $17.70
- 1,000 sds  $27.85
- 2,000 sds  $49.55

**ROCCO RED (PELLETTED) - 6087PE**

**Perennial**

3-5 in. - S. arebdsii. Spring flowering plant produces masses of bright red blooms. Compact and mounded evergreen plants are low maintenance. Good for rock gardens. More uniform plant size, shorter stems and less color variability than Highland Red. Zones: 4-7

- 100 sds  $8.10
- 200 sds  $13.55
- 500 sds  $23.70
- 1,000 sds  $38.35
- 2,000 sds  $69.70

**SCABIOSA, ANNUAL (continued on next page)**
SCABIOSA, ANNUAL (continued)

FATA MORGANA - 3784
\* 32-40 in. - 13,000 S. Sweet creamy apricot blooms with a blush of pink. The 2 in. blooms attracts butterflies like crazy. Cut flower growers dream of these to fill vases and gardens with soft sofisticated color and a light honey fragrance. Birds love the dried seed heads in late fall and winter.  
Each of the above: (29C0) 250 sds - $9.70  
500 sds - $17.45 1,000 sds - $26.60  
2,000 sds - $45.35 5,000 sds - $94.25

FIRE KING - 3783
\* 24-36 in. - 11,500 S. Bright red 2 in. blooms with white stamens (look like pins in a pincushion) on long stems. Does well in poor and dry soil once established and then somewhat drought tolerant after that so plan on some summer water for improved appearance and long season flowering. Attracts butterflies, bees and other beneficial insects too.  
Each of the above: (29C0) 250 sds - $9.70  
500 sds - $17.45 1,000 sds - $26.60  
2,000 sds - $45.35 5,000 sds - $94.25

GIANT FLOWERED IMPERIAL MIXTURE - 3781
\* 30-36 in. - 5,500 S. Big, slightly irregular ball shaped flowers in a full range of colors. Blooms are carried on long stems, making them suitable for cut flower arrangements. Also useful in borders and mass planting. Will attract hummingbirds, butterflies and pollinators to you.  
Each of the above: (29C0) 250 sds - $9.70  
500 sds - $17.45 1,000 sds - $26.60  
2,000 sds - $45.35 5,000 sds - $94.25

QIS SERIES
\* 36 in. - 4,000-5,500 S. Highly desirable, easy to grow free-flowering annual. Uniform height and flowering time. Masses of long, wiry stems topped by fluffy, round, 2-3 inch blossoms that resemble pincushions.  
Dark Blue - 3993 \*  
Deep Red - 3990 \*  
Unique burgundy red.  
Mixture - 3996 \*  
Each of the above: (2980) 250 sds - $8.55  
500 sds - $16.95 2,000 sds - $35.55  
2,000 sds - $36.55 5,000 sds - $74.95

SCABIOSA, PERENNIAL

Pincushion Flower
2,400 sds/oz 65°-70° 2 weeks  
Needs light for good germination. Blooms from June to September. Nice cut flower, fresh or dried. Will attract butterflies, hummingbirds, and songbirds all season as well as repel deer.

FAMA SERIES
\* 1. Annual. 20 in. - 1,300 S. S. caucasica. A compact variety that provides many long-lasting flowers for cutting or border decoration. Grayish-green, lance shaped basal leaves and slender, pinnatifid, stem leaves.  
COATED SEED. Zones: 4-9

Deep Blue - 6805PE \* 1  
A unique deep blue flower color that is sure to draw attention.

White - 6806PE \* 1  
A true pure white.

Each of the above: (25E0) 25 sds - $10.20  
50 sds - $18.70 100 sds - $28.15  
250 sds - $56.70 500 sds - $96.60

HOUSES HYBRIDS - 6239
\* 1. Perennial. 24 in. - 2,000 S. Very large 2-3 in. flowers in shades of lavender, light to deep blue, and silvery white. Will flower the first year from seed. Zones: 3-7  
Each of the above: (29E0) 250 sds - $9.70  
500 sds - $18.70 100 sds - $28.15  
250 sds - $56.70 500 sds - $96.60

SCHIZANTHUS

Butterfly Flower
50,000 sds/oz 60° 2 weeks  
After sowing on sterilized media, do not cover seeds with soil. Place flat in a dark area and maintain soil temperature of 60°. Bushy plants with butterfly-like flowers. Sow in January for 3 in. blooming plants or for spring combinations. A September to November sowing will produce larger pot plants for spring sales. Flowers can also be used in corsages.

ANGEL WINGS - 3716  
18 in. - 38,500 S. A great improvement over other strains, has more compact, conical plants of uniform, dwarf character. The blooms all have a distinct gold center contrasting with bright and deep colors.

SCABIOSA, PERENNIAL

Pincushion Flower
2,400 sds/oz 65°-70° 2 weeks  
Needs light for good germination. Blooms from June to September. Nice cut flower, fresh or dried. Will attract butterflies, hummingbirds, and songbirds all season as well as repel deer.

FAMA SERIES
\* 1. Annual. 20 in. - 1,300 S. S. caucasica. A compact variety that provides many long-lasting flowers for cutting or border decoration. Grayish-green, lance shaped basal leaves and slender, pinnatifid, stem leaves.  
COATED SEED. Zones: 4-9

Deep Blue - 6805PE \* 1  
A unique deep blue flower color that is sure to draw attention.

White - 6806PE \* 1  
A true pure white.

Each of the above: (25E0) 25 sds - $10.20  
50 sds - $18.70 100 sds - $28.15  
250 sds - $56.70 500 sds - $96.60

ACRE (GOLDEN CARPET) - 6241

Perennial. 3 in. - 525,000 S. (Creeping Moss). Has small leaves and bright yellow star-like flowers in June - September. Zones: 3-8  
Each of the above: (31B0) 1,000 sds - $7.25  
2,000 sds - $10.40 5,000 sds - $18.45  
10,000 sds - $30.10 25,000 sds - $61.85

ALBUM - 6205

Perennial. 4 in. - 1,250,000 S. S. crassulaceae. (Worm grass). A mat forming, slow spreading evergreen, with small white flowers held above foliage. Zones: 4-10  
Each of the above: (31D0) 5,000 sds - $8.10  
10,000 sds - $11.65  
25,000 sds - $21.45  
50,000 sds - $38.55  
(34A0)

LIZARD - 6812
\* New for 2020 1. Perennial. 4 in. - S. rubens. Low-growing with tight, rosy-green cushion of needles with reddish tips. Throughout the summer the plant is covered with many tiny, star shaped white flowers. Perfect for containers and for use as a groundcover. Zones: 8-10  
Each of the above: (29C0) 100 sds - $7.25  
200 sds - $12.20  
500 sds - $20.70 1,000 sds - $33.10  
2,000 sds - $59.65  
(2880)

MANY SPECIES MIXTURE - 6244

Perennial. 485,500 S. Complete blend of the species. Zones: 4-8  
Each of the above: (31B0) 1,000 sds - $7.25  
2,000 sds - $10.40  
5,000 sds - $18.45 10,000 sds - $30.10  
25,000 sds - $61.85  
(31B0)

ORACLE - 6512

Perennial. 10 in. - 714,000 S. S. forsterianum. Silver-green whorls of foliage provide bright yellow flowers in late summer. This succulent beauty is a wonderful accent plant for mixed containers or xeriscape containers.  
Each of the above: (31D0) 100 sds - $7.25  
200 sds - $12.20  
500 sds - $20.70 1,000 sds - $33.10  
2,000 sds - $59.65  
(2880)

REFLEXUM - 6243

Each of the above: (31B0) 1,000 sds - $8.75  
2,000 sds - $14.30  
5,000 sds - $27.45 10,000 sds - $46.85  
25,000 sds - $99.95  
(31D0)

SOLARITY DEEP ROSE

Sorry, no longer available.
SNAPDRAGON, DWARF
Antirrhinum majus
180,000 sds/oz      60°-70°     7-10 days
For the best germination, we suggest pre-chilling the seed in the refrigerator for 3-5 days before sowing. Sow seed on sterilized media and do not cover seed with media. Light is helpful in germination. Will attract butterflies all season.

**SNAPTINI SERIES-RAW SEED**
Burgundy Bicolor - 3868
Red - 3870
Rose Bicolor - 3871
Scarlet - 3867
Sunglow - 3873
Violet - 3874
White - 3875
Yellow - 3876
Mixture - 3877
A blend of all the above colors.
Each of the above: (29A0) 250 sds - $8.55 500 sds - $14.60 1,000 sds - $21.85 2,000 sds - $36.55 5,000 sds - $74.95

**SNAPTINI SERIES-PELLETED**
Burgundy Bicolor - 3868PE
Red - 3870PE
Rose Bicolor - 3871PE
Scarlet - 3867PE
Sunglow - 3873PE
Violet - 3874PE
White - 3875PE
Yellow - 3876PE
Mixture - 3877PE
A blend of all the above colors.
Each of the above: (29B0) 250 sds - $8.55 500 sds - $14.60 1,000 sds - $21.85 2,000 sds - $36.55 5,000 sds - $74.95

**SURRENDER RED**
Sorry, no longer available.

**HIPPIE CHICKS MIXTURE (PELLETED) - 6257PE**
100 sds - $8.65 200 sds - $15.10
500 sds - $26.65 1,000 sds - $43.60
2,000 sds - $79.80 (28D0)

**PERENNIAL SPECIES MIXTURE**
Crop failure. As a substitute, we suggest Hippie Chicks Mixture (pelleted).
SNAPDRAGON, DWARF (continued)

**ANTIOQUITY SERIES**
8-12 in. - 180,000-200,000 S. (F-1 Hybrid). Open flowered, which is ideally suited to larger containers or garden borders. Extremely robust foliage and great branching, resulting in outstanding garden performance. Improved branching also makes this variety much more suitable for summer and autumn production, where it fills the pot better before flowering. Weeks to flower: 9-11.

- Lemon - 3793
- Orange Bicolor - 3795
- Purple - 3792
- Red - 3791

**Red Bicolor - 3794**

**Mixture - 3796** A formula mixture of Lemon, Orange Bicolor, Orchid, Purple, Red and Red Bicolor.

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**MONTEGO SERIES**
Crop failure. As a substitute, we suggest Snaptini Series.

**SNAPSHOT SERIES**
6-10 in. - 200,000 S. For cool-season beds filled with color. Blooms deliver picture perfect garden beds and pots. Plant at the same time as pansies for best flowering. Occasional deadheading will promote even more flowering.

- Plum Blossom - 3599 Purple to white blooms. Mixture - 3600 A variety of colors.

**TWINNY SERIES**
12 in. - 165,000 S. (F-1 Hybrid). Unique, showy open double flowers on compact, basal-branching plants and exhibits excellent weather tolerance to both hot and wet summer growing conditions. Excellent candidate for both borders and mixed color bowls.

- Peach - 3594 (All America Winner - 2010). Soft shades of light orange, peach and yellow.
- Rose - 3595
- Violet - 3596 Bright crimson and magenta.
- Yellow Shades - 3597

**Mixture - 3598** A formula mixture of appleblossom, bronze, peach, rose, violet, white and yellow.

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**SNAPDRAGON, TALL (continued)**

**CHANTILLY SERIES**
36-48 in. - (F-1 Hybrid). Vigorous and high performing. Gorgeous 4 to 4-1/2 in. flowering stems crowded with huge, open-faced butterfly type blooms. These lightly scented blooms are longer lived in the garden and the vase than other varieties. Spectacular when mass planted.

- Bronze - 3856
- Deep Orange - 3857
- Pink - 3858
- Velvet - 3859

**Mixture - 3861** A beautiful formula mixture.

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**GIANT RUFFLED TETRA MIXTURE - 3872**
30 in. - 113,000 S. Larger florets with thicker petals and foliage than the ordinary kind. A blend of all colors.

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**LIBERTY CLASSIC SERIES**
18-22 in. - (F-1 Hybrid). 130,000-169,500 S. An intermediate height variety with sturdy, long and graceful spikes in a broad color range. Weeks to flower: 16-18.

- Crimson - 3853
- Lavender - 3809
- Rose Pink - 3816
- White - 3818

**Yellow - 3819**

**Mixture - 3820**

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**MADAME BUTTERFLY SERIES**
30-40 in. - 140,000 S. (F-1 Hybrid). Now available in separate colors! Unusual azalea-shaped flowers. Create a riot of color through the summer. The unique, double petals prevent insects from pollinating the flowers, so they last much longer than single-flowered varieties. Perfect for a long-lasting display in cottage garden beds, borders and containers. These pretty flowers can also be used as garnishes or dressings but can have a bland or sometimes bitter taste.

- Pink - 3839
- Red - 3837
- Yellow - 3836

**Mixture - 3841**

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**SONNET MIXTURE - 3844**
20-24 in. - 158,000 S. (F-1 Hybrid). Very early. Strong, sturdy stems and good weather tolerance make this an excellent garden variety and cut flower.

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SNAPDRAGON, TALL (continued)

SNAPTASTIC SERIES
- 18-22 in - 125,000 S. Produces large flowers and long lasting color. Large central flower gives a Christmas tree shape with rapid secondary flowering. Strong root system makes for more resilient to heat and its tough stems support lateral branching, which leads to less breakage.

Dark Pink - 3973
Magenta - 3976
Orange Flame - 3977
Red - 3974
Yellow - 3975
Mixture - 3978
A complete mixture of the above colors.
Each of the above: (28A0) 100 sds - $7.25
200 sds - $12.20
500 sds - $20.70
1,000 sds - $36.65
2,000 sds - $55.00
5,000 sds - $96.50
SNAPDRAGON, GREENHOUSE (continued)

SNAPDRAGON, GREENHOUSE

AXIOM SERIES DEEP ORANGE
Crop failure. As a substitute, we suggest Potomac Dark Orange.

MARYLAND SERIES

Appleblossom - 3905
Bright Yellow - 4051
Dark Orange - 3906
Lavender - 4053
Rose (flamingo) - 3908
Royal - 4009
Shell Pink - 3920
White - 3895
Pure white.

Each of the above: (28C0) 100 sds - $8.10
200 sds - $13.55
500 sds - $23.70
1,000 sds - $38.35
2,000 sds - $69.70

Golden Bronze - Crop failure. As a substitute, we suggest Maryland Dark Orange.
White & Yellow BiColor - Crop failure. As a substitute, we suggest Potomac Ivory White.

OPUS SERIES
- 36 in. - 139,000-204,000 S. Group 3-4. Late Spring/Summer flowering. Superior stem length and flower quality. Setting the standard for the modern hybrid cut flower. Weeks to flower: 10-12.

Appleblossom - 3919
Early Bronze - 3929
Early White - 3930
Fresh White - 3925
Lavender - 3932
Pink - 3933
Red - 3985
White - 3938
Yellow - 3939
Mixture - 3947
Complete mixture of all colors in the series.
Each of the above: (2880) 100 sds - $7.25
200 sds - $12.20
500 sds - $20.70
1,000 sds - $36.65
2,000 sds - $55.00
5,000 sds - $96.50

OVERTURE SERIES

Pink - 3913
Red - 3915
Yellow - 3917
Mixture - 3918

SOLANUM

ORNAMENTAL EGG PLANT
6,500 sds/oz 75°-80° 14 days

PUMPKIN ON A STICK - 4559

BABY GOLD (GOLDEN BABY) - 6263

Perennial. 24 in. - 625,000 S. Compact, rigid, upright growth. Dense, small golden-yellow flowers. Fine plants for the perennial border; produces good flowers for cutting. Will attract butterflies all season. Will bloom June-September the same year sown. Zones: 3-10

1,000 sds - $7.25
2,000 sds - $14.50
5,000 sds - $28.95
10,000 sds - $55.90

STACHYS

Lamb’s Ear
16,000 sds/oz 65°-70° 2 weeks

After sowing seed, cover lightly with vermiculite. Light will help germination. Refrigerate seed 7 days before sowing. Blooms May - August. Tolerates drought conditions and helps repel deer all season.

LANATA - 6269

Perennial. 12-18 in. - 20,000 S. S. byzantina. Plants are clothed with densely soft white wooly leaves. Small bright purple flowers, but mainly grown for its decorative foliage. Zones: 3-8

500 sds - $7.25
1,000 sds - $9.80
2,000 sds - $14.10
5,000 sds - $25.60
10,000 sds - $46.30

All Seed orders are shipped the same day received - most within 4 hours!
STATICE  
Limonium Species
65°-70° 18 days

Good for cutting, can be dried and dyed. Darkness will help germination. Blooms June-September.

DUMOSA (TATARICA) - 6272
ी Perennial. 18-20 in. - 25,000 S. (German Statice). Clean seed. Produces clusters of snowy white frilly flowers. Delicate and exquisite, they look like they are made from paper. Grow them as bedding plants, in containers or window boxes. Zones: 4-9

- Each of the above: (28C0) 100 sds - $8.10 250 sds - $16.20 500 sds - $29.70
- 2,000 sds - $43.70 5,000 sds - $88.90
- 24 in. - 17,000 S. 

LATIFOLIA - 6273
ी Perennial. 18 in. - 30,000 S. (Sea Lavender). Clean seed. Dozens of slender, multi-branched stems topped with masses of tiny, blue-violet flowers. Zones: 3-9

PEREZII - 6271
ी Perennial. 18 in. - 26,000 S. (Blue Sea). Clean seed. Rich, deep blue heads. Flowers first year from seed. A tender perennial in many areas. Zones: 8-10

- Each of the above: (29B0) 100 sds - $8.55 250 sds - $16.80 500 sds - $28.30
- 1,000 sds - $49.60 2,000 sds - $81.90 5,000 sds - $163.30

STOCKS
16,000 sds/oz 70° 10 days

Plant only in sterilized soil and benches to protect against root rot. After sowing seed, cover lightly with vermiculite. Light will help germination. For selectable varieties, double-flowering plants may be selected from single-flowering types by exposing seedlings with fully expanded cotyledons to 41°F for approximately 4-7 days. At this point, seedlings of double-flowering plants will appear a pale green, white singles remain dark green. After removal from cold treatment, double-flowering seedlings will appear yellow and chlorotic within 1-2 days, while single-flowering seedlings remain robust and green. This cold treatment may only be done once to selectable plugs.

STOCKS (continued)

MIDGET SERIES
8 in. - 16,000 S. Very early and dwarf variety. Compact habit with good branching habit.

- Lavender - 4010 Red - 4013
- Rose - 4020 Violet - 4008
- White - 4021 Mixture - 4012
- Each of the above: (29C0) 250 sds - $9.70 500 sds - $17.45 1,000 sds - $34.90 2,000 sds - $52.35 5,000 sds - $94.25

NIGHT SCENTED - 4852
12 in. - 43,800 S. (Evening Scented). An old time favorite. Small pale lilac to white flowers. While not the showiest of plants, it is well worth adding to the garden for the wonderful evening fragrance. Sow anywhere that is close enough to the house to get the benefit of such a beautiful fragrance. Below windows, patio tubs, window boxes, even a small sowing in hanging baskets.

TOSCA SERIES
24-32 in. - 14,500 S. A fully double selectable series that is a good series to grow in Summer with higher light levels and temperatures. Transplant to finish: Autumn: 8-10 weeks, Summer: 6-8 weeks, Winter: 12-14 weeks. Spring flowering. Group 2-3.

- Blue Sea - 4983
- Rose - 4984
- White - 4985
- Yellow - 4986
- Mixture - 4992
- Each of the above: (29C0) 250 sds - $8.55 500 sds - $14.60 1,000 sds - $29.20 2,000 sds - $36.55 5,000 sds - $74.95

HARMONY PURPLE - 4778
10 in. - 13,300 S. One sniff of this luxuriant fragrance and you will be utterly enchanted with its romantic shade of deep rose purple and haunting sweet scent. This stock has a Victorian, English country house aura. Perfect for early cutting, with slender spikes densely loaded with fully double flowers. The harmony in its name refers to its matching color and fragrance.

- 250 sds - $9.70 500 sds - $17.45
- 1,000 sds - $26.60 2,000 sds - $45.35
- 5,000 sds - $94.25
- Each of the above: (28C0)

HOT CAKES SERIES
12 in. - 17,000 S. Amazingly versatile, producing very well-branched, dwarf plants with highly fragrant, brightly colored blooms. (Please note: Selectable is the key, fully double plants produce more attractive plants than comparable gray-leaf, non-selectable types that can show up to 50% singles). Ideal for sowing in succession, adding its delightful fragrance to spring or autumn flowering displays in borders or containers. Weeks to flower: 10.

- Hot Rose - 4781
- Pink - 4782
- Purple - 4783
- White - 4784
- Mixture - 4785
- Each of the above: (29D0)

VINTAGE MIXTURE - 4962
15 in. - 18-29,500 S. An early flowering dwarf garden variety with 60% double flowers and sturdy, branching habit.

- Each of the above: (29B0) 250 sds - $8.55 500 sds - $14.60 1,000 sds - $21.85 2,000 sds - $36.55 5,000 sds - $74.95

CHEERFUL SERIES
24 in. - 11,000 S. (F1Hybrid). Flowers are about 95% double. Very fragrant, full spikes bearing 2 in. blooms and glossy deep green foliage. Does not require low temperatures for bud initiation.

- White - 4030
- Yellow - 4031
- Mixture - 4032
- Each of the above: (28C0)

FORTRESS WHITE
Crop failure.
As a substitute, we suggest QIS White.
SUNFLOWER

Helianthus annus
70° 4-5 days

Do not overfeed. Excess nitrogen reduces the number and size of flower petals. Will attract butterflies and doves all season. Seed count varies from 400-1800 seeds per ounce.

FLORENZA - 4964
$48-52 in. 1,000 S. Branching. Flowers are 5 in., beautifully shaped light yellow petal tips which form a lovely contrast with the distinct rusty red ring. Use it for an attractive background in an annual bed or as a center piece in large patio containers. Blooms June-August.

100 sds - $8.10 200 sds - $13.55
500 sds - $23.70 1,000 sds - $38.35
2,000 sds - $69.70

FULL SUN IMPROVED - 4081

GOLD RUSH - 4089
$48-64 in. Pollenless. Blooms rush to open. Flowers quickly and is covered with golden orange with rich chocolate colored center disc. If you have ever wanted to stop and cut wild sunflowers along the road, you will find that this flower will satisfy that urge. Traditional-looking flowers are suitable for small bouquets. You will be cutting for days.

IKARUS
Crop failure. As a substitute, we suggest Sonja.

JUA INCA (BICOLOR) - 4015

JUA MAYA (YELLOW) - 4014

Each of the above: (28C0) 100 sds - $9.30
200 sds - $16.55 500 sds - $29.65
1,000 sds - $48.85

SUNFLOWER (continued)

MAMMOTH (JUMBO) - 4093
84 in. 250 S. Heirloom. Enormous yellow flowers with brown centers up to 12 in. across yield heavy loads of seeds. Great for creating a sunforest for kids, a tall annual hedge or screen. Edible seeds attract birds and make great snacks. To save seeds, cut the stem beneath flower heads when the backs of the flower heads turn yellow. Hang upside down and let dry in a cool, dry place for about a month. Cover with netting or a paper sack with holes to keep seeds from falling. But watch out for squirrels! Weeks to flower: 9-10.

250 sds - $7.25 500 sds - $11.75
1,000 sds - $16.95 2,000 sds - $27.70
5,000 sds - $55.55

MOONSHADOW - 4003
60-84 in. Shine in the garden with flower faces of creamy, lemon-custard colored petal petals surrounding a traditional dark disk. Full-framed beauties produce lots of striking flowers. Bring lots of branching stems of these free flowering sunflowers indoors for charming, casual bouquets. Make a joyful and colorful border or flowering summer garden screen.

100 sds - $8.65 200 sds - $15.10
500 sds - $26.65 1,000 sds - $43.60
2,000 sds - $79.80

PREMIER SERIES
$48-60 in. 700 S. (F-1 Hybrid). Pollen free. Single-early flowering series. Day-length neutral for year round sowing in the field and greenhouse. Flowers maintain their beautiful shape after harvest, with petals that are wide and overlapping.

Lemon - 4075
Bright yellow with velvety black center.

Light Yellow - 3692
Creamy yellow with a velvety black center.

Each of the above: (28C0) 100 sds - $10.40
200 sds - $19.45 500 sds - $35.65
1,000 sds - $59.35 2,000 sds - $110.10

RING OF FIRE - 4007
45 in. 900 S. (All America Winner - 2001). Branching. This bicolor variety has dark red flower petals at the base and golden-yellow at the tips. Flowers are 6 in. in diameter with a dark red center.

100 sds - $9.30 200 sds - $16.55
500 sds - $29.65 1,000 sds - $48.85
2,000 sds - $89.90

SOLAR POWER - 4072
40 in. 550 S. (F-1 Hybrid). Pollen free. Branching. Flowers are 4 in., rich burgundy with contrasting bright golden-orange tips and a deep maroon center.

50 sds - $7.55 100 sds - $12.35
250 sds - $22.20 500 sds - $33.75
1,000 sds - $57.40

White Nite - 4042
Truly unique color. Amazing flowers that open with a creamy vanilla color quickly turning white in a few days of sunlight contrasted with a dark center. Try dying them for stunning bouquets!

Each of the above: (28C0) 50 sds - $9.10 100 sds - $15.95
250 sds - $30.20 500 sds - $46.90
1,000 sds - $80.95

SUNFLOWER (continued on next page)
**SUNFLOWER (continued)**

**SONJA - 4070**
- **40 in. - 1,700 S.** Single stem. Early flowering, 4 in. orange flowers with a brown center.

**SORAYA - 4069**
- **72 in. - 1,700 S.** (All America Winner - 2000). Branching. The first sunflower to win this award. Produces big, richly-colored golden-orange flowers with cheery dark brown faces. The vigorous, self-supporting plants stand tall and will not tip over even in full bloom. They are so well branched that you can expect 20-25 flowers from each plant during the long bloom season. These 4-6 in. flowers arise on long, strong 20 in. stems, held well above the lush foliage. They make a great sight in the garden, held straight up and facing the sun. Prized for cut arrangements, where they are long-lasting.

**SUN SERIES**
- **84 in. - (F-1 Hybrid).** Pollen free. Single stem. Beautiful 4-6 in. uniform flowers with rounded petals on strong stems. This series is daylength-neutral and can be grown year round for cut flower production.

**Sunbright - 4096**
- Bright yellow petals with black centers. Each of the above: (28C0) 100 sds - $8.10
  - 200 sds - $15.55
  - 500 sds - $23.70
  - 1,000 sds - $38.35
  - 2,000 sds - $69.70

**Sunbright Supreme - 4066**
- **40-60 in. - 1,100 S.** (2001 Cut Flower of the Year). One of the earliest sunflowers to mature. Weeks to flower: 9-10.
  - 100 sds - $8.65
  - 200 sds - $15.10
  - 500 sds - $26.65
  - 1,000 sds - $43.60
  - 2,000 sds - $79.80 (28D0)

**SUNFLOWER SUNRICH SERIES**
- **36-60 in. - 500 S.** (F-1 Hybrid). Pollen free. Single stem. Very early, large 5-6 in. pollen-less flowers with clear centers. This series is daylength neutral and can be grown year round for cut flower production.

**Orange Dmr - 4100**
- Golden orange with dark center. The world's first downy mildew resistant variety. Strong neck and upward-facing flowers. Round, overlapping flower petals create a better filled, more attractive flower. Each of the above: (28F0) 100 sds - $9.30
  - 200 sds - $16.55
  - 500 sds - $29.65
  - 1,000 sds - $48.85

**Gold - 4082**
- Golden orange with green center.

**Lemon - 4097**
- Bright yellow with dark center.

**Lemon Summer - 3982**
- Bright lemon-yellow with dark center. 5-10 days earlier flowering than the rest of the series. Each of the above: (28G0) 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10

**SUNFLOWER SUNFINITY - 4019**
- 38 in. - 650 S. AMAZING PRODUCT!! Free-branched and ever-blooming makes this item truly unique from any other. 3-4 in. blooms makes this a sensational color choice. Due to this habit, plant benefits from the application of plant growth regulators (PCRs) during finish. For best branching, pinch off the main stem above the fourth or fifth pair of leaves as it’s growing. Great for the landscape border or back of the garden planting. Plants won’t set seed and are disease resistant.
  - 10 sds - $16.75
  - 25 sds - $35.30
  - 50 sds - $63.90
  - 200 sds - $236.50
  - 500 sds - $482.75

**TERRA COTTA - 3670**
- **70 in. - 630 S.** (F-1 Hybrid). 65 days. AKA Cappuccino. Pollen free. Large flower heads of golden russet petals with a dark brown central disk bring another distinctive color form to the cut sunflower market. Multi-branching plants produce 4-5 inch blooms, ensuring plenty of stems for cutting.
  - Each of the above: (28B0) 100 sds - $9.85
    - 200 sds - $17.95
    - 500 sds - $32.65
    - 1,000 sds - $54.10
  - 2,000 sds - $99.95 (30C0)

**VANILLA ICE - 4099**
- **50-60 in. - 4,500 S.** Branching. Creamy lemon-yellow flowers with black centers on sturdy branching plants.
  - 500 sds - $8.30
  - 1,000 sds - $13.55
  - 2,000 sds - $20.95
  - 5,000 sds - $41.10
  - 10,000 sds - $70.15

**VINCENT’S CHOICE (BROWN DISK) - 4001**
- **48 in. - 500 S.** (F-1 Hybrid). Pollen free. Brown center with deep orange petals. Broad, well rounded overlapping petals form sturdy flower heads, with an extra ring of petals, provides a better filler and more attractive flower.
  - 100 sds - $9.30
  - 200 sds - $16.55
  - 500 sds - $29.65
  - 1,000 sds - $48.85
  - 2,000 sds - $89.90 (28E0)

**VINCENT’S CHOICE DEEP ORANGE DMR - 4011**
- **60-72 in. - (F-1 Hybrid).** Pollen free. Deep orange with brown center. 5 1/2 in. blooms with and extra ring of flower petals create better filled, more attractive flower heads. Strong neck and upward-facing flowers. Round, overlapping flower petals create a semi-double look. Well suited for producing smaller flowers for bouquets or extra large mature flowers. Downy mildew resistant.
  - 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10
  - 2,000 sds - $99.95 (28F0)

**VINCENT’S FRESH (GREEN DISK) - 4000**
- **48 in. - 600 S.** (F-1 Hybrid). Pollen free. Large flowers with a crisp, green center and broad, well rounded overlapping petals. An extra ring of petals and upward facing flowers makes a very attractive flower head.
  - 100 sds - $9.30
  - 200 sds - $16.55
  - 500 sds - $29.65
  - 1,000 sds - $48.85
  - 2,000 sds - $89.90 (28G0)

**SUNFLOWER FURNISH SERIES (continued)**

**Limoncello Summer - 4002**
- Unique, stable bicolor of vibrant yellow transitioning to a light, creamy yellow at the tips.

**Orange - 4098**
- Golden orange with dark center.

**Summer Provence - 4017**
- Deep orange with dark center. Lime - Discontinued, as a substitute, we suggest Sunrich Gold.

**Orange Summer - Discontinued, as a substitute, we suggest Sunrich Orange.**

**NEW ITEM THIS YEAR | CUT FLOWERS | 1ST YEAR FLOWERING PERENNIAL**
**SUNFLOWER, DWARF**

**MISS SUNSHINE - 4047**
- New for 2023
- 10-16 in. - (F-1 Hybrid).
- Pollen free. This delightful dwarf variety produces plentiful double yellow blooms with dark brown center. Low maintenance and mildew tolerant. Excellent for small sunny spaces and containers.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>50 sds</td>
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<td>250 sds</td>
<td>$30.20</td>
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<tr>
<td>500 sds</td>
<td>$46.90</td>
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</table>

**PACINO SERIES**
- 12-16 in. - 1,000 s. Dwarf, pot and bedding type series with improved lateral branching. High bud count, long flowering season. 4-5 in. flowers. Crop time varies with the time of year. Weeks to flower: 10-11.

**Cola - 4275**
- (Floreselect Quality Mark). Golden yellow petals with dark center.

**Gold - 4109**
- (Formerly Pacino). Golden yellow with green center.

**Lemon - 4276**
- Primrose yellow petals with green center.

**Mixture - 4965**
- Mixture of Cola, Gold and Lemon.
- Each of the above: (28CO) 100 sds - $8.10
- 200 sds - $13.55
- 500 sds - $23.70
- 1,000 sds - $46.90

**SMILEY - 4046**
- New for 2020
- 5-8 in. - 850 s. Pollen free. Broad, rich yellow petals surround an attractive dark brown disk. Early bloomer to kick off your pot crop sales.

<table>
<thead>
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<tbody>
<tr>
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<td>500 sds</td>
<td>$46.90</td>
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**SUN BUZZZ - 4018**
- 12-20 in. - 12,000 s. (F-1 Hybrid). Meet the pot sunflower they will want again and again. Clear, yellow-filled flowers make a real standout, pumping out more blooms thanks to the big show of secondary flowers. Great for pots! Compact, smaller-leaved plants are more manageable and programmable on the bench and more appealing in the store. Delivers better seed uniformity and needs fewer PGRs than similar varieties. Less long day sensitivity, faster flowering and a more compact habit.

<table>
<thead>
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<tr>
<td>500 sds</td>
<td>$33.75</td>
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</table>

**SUNTASTIC - 4079**
- 10-24 in. - 825 S. (F-1 Hybrid). (All America Winner - 2014). 65 days. Gardeners will love the number of yellow with black center flowers each one produces, up to twenty, 5-6 in. flowers per plant in three successive blooming periods. Perfect as a cheery long blooming potted plant or window box accent or maybe to add a burst of color to a sunny garden bed.

<table>
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**SUNFLOWER, DWARF (continued)**

**TEDDY BEAR - 4108**

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<td>5,000 sds</td>
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**BALLAD**
- 24-30 in. - Crop failure. As a substitute, we suggest Sunbuzz.

**SUNFLOWER, DWARF (continued)**

**CUTHBERTSON FLORIBUNDA**

**Formula Mixture - 4085**
- Climer. 300-350 S. Spring flowering. This class is midway between the Multiflora Gigantea (winter flowering) and summer types, preferred by most growers for spring greenhouse blooming. Do not sow before October for this purpose. Also widely planted for outdoor use, being a week or two earlier than the summer class and more heat resistant.

<table>
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<td>1/2 oz.</td>
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<td>2 oz.</td>
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<td>4 oz.</td>
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**KNEE HIGH MIXTURE - 4078**

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<td>4 oz.</td>
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</table>

**SWEET PEA (continued)**

**ROYAL FAMILY MIXTURE - 4457**
- Climer. 72 in. - 300 S. Bring the fabulous fragrance into your garden with a rainbow of colors in this stunning mixture. Mixture includes Lavender, Maroon, Mid Blue, Navy Blue, Pink, Rose Pink, Salmon Pink, Scarlet and White.

<table>
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<tr>
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<td>4 oz.</td>
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**WINTER ELEGANCE MIXTURE - 4086**
- Climer. 60-72 in. - 300 S. This series is the only true winter flowering series. Selected for cut flower qualities; long stems and large ruffled flowers. Colors include: Burgundy, Deep Blue, Mid Blue, Salmon Cream Pink, Scarlet and White. Excellent for greenhouse production, developed specifically for flowering under short days and low light conditions.

<table>
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<tbody>
<tr>
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<tr>
<td>1 oz.</td>
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<td>2 oz.</td>
<td>$50.70</td>
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<tr>
<td>4 oz.</td>
<td>$82.10</td>
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</table>

**TALINUM**
- 73,700 sds/oz - 70° - 6-10 days

**LIMON - 4277**
- 24 in. - 88,000 S. (Kingswood Gold). Trendy lime-green foliage with small jewel-like flowers. Great heat tolerance. Can be used as a pot plant.

<table>
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<td>$19.60</td>
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<tr>
<td>250 sds</td>
<td>$60.10</td>
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</table>

**THALICTRUM**
- Meadow Rue
- 12,000 sds/oz - 65-70° - 2 weeks
- Refrigerate seed 7 days before sowing. Partial shade or sun. Has fern-like foliage and is a nice cutflower. Will flower May to June.

**AQUELIGOFIUM MIXTURE - 6281**
- Perennial. 36 in. - 12,000 S. Graceful foliage topped off with clouds of flowers in pink, white, rose and light lavender. Attractive to butterflies and once established drought tolerant. Zones: 5-8

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>100 sds</td>
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<td>500 sds</td>
<td>$35.65</td>
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<td>2,000 sds</td>
<td>$110.10</td>
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**DIPTEROCARPUM - 6282**
- Perennial. 36 in. - 17,000 S. Graceful sprays of lilac-mauve flowers with lemon-yellow anthers. Strong plants. Zones: 5-8

<table>
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<td>$16.95</td>
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<tr>
<td>5,000 sds</td>
<td>$55.55</td>
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</table>
**THERMOPSIS**  
3,700 sds/oz  76°  2-3 weeks

**CAROLINANA - 6509**  
Perennial.  30-48 in. - 3,700 S. T. leguminosae.  Cheerful yellow spikes of pea-like flowers and lovely trifoliate grey-green leaves.  The newly emerging flower stems are a charcoal grey, with softly silver hairs.  Zones: 3-9

- 100 sds - $10.40  
- 200 sds - $19.45
- 500 sds - $35.65  
- 1,000 sds - $59.35
- 2,000 sds - $110.10  
(28G0)

**THUNBERGIA**  
Black-eyed Susan Vine  
1,150 sds - 75°-80°  12-15 days

Sow on sterilized media and cover lightly with soil.  Maintain 75° soil temperature with even surface moisture.  For satisfactory germination, we suggest soaking the seed in water before sowing.  Be sure to change the water daily.

**AFRICAN SUNSET - 4291**  
Climber.  78 in. - 1,000 S.  Unique shades of red, apricot and buff with dark burgundy eyes.  Blooms May-October.

- 25 sds - $8.80  
- 50 sds - $14.20
- 100 sds - $20.70  
- 250 sds - $40.30
- 500 sds - $67.75  
(2580)

**ALATA - 4112**  
Climber.  96 in. - 1,000 S.  Moderate-sized vine used as a ground cover or low climber with triangular and 5 petaled tubular flowers in orange, white and yellow with a dark brown eye.

- 250 sds - $8.55  
- 500 sds - $14.60
- 1,000 sds - $21.85  
- 2,000 sds - $36.55
- 5,000 sds - $74.95  
(2980)

**SUSIE SERIES**  
Climber.  60-72 in. - 900-1,500 S.  A complete series available in separate colors or a mixture.  Use in hanging baskets where the vine can twist around the basket supports.  If given good support it will look stunning when left to climb over trellises, arbors, fences or other structures around the home.  Alternatively, plant this creeper as a ground cover or on a bank or terrace where it can be left to roam.

- Orange With Eye - 4101
  - Solid White - 4105
  - Solid Yellow - 4106
- White With Eye - 4103
- Yellow With Eye - 4102
- Mixture - 4111
  Each of the above: (25A0)  
  - 25 sds - $7.55
  - 50 sds - $12.35  
  - 100 sds - $17.70
  - 250 sds - $33.75  
  - 500 sds - $56.20

Solid Orange - Crop failure.  As a substitute, we suggest Orange With Eye.

**Thymus.  Also see listing under Herbs.**

**THYMUS**  
Mother of Thyme  
224,500 sds/oz  70°-75°  2 weeks

Will help repel deer from the garden.  Blooms June - September.

**SERPHULLUM - 6286**  
Perennial.  2 in. - 250,000 S.  (Mother of Thyme).  Creeping, sweet scented foliage, purple flowers.  Will flower June - September.  Zones: 3-9

- 1,000 sds - $7.25  
- 2,000 sds - $8.60
- 5,000 sds - $13.90  
- 10,000 sds - $21.65
- 25,000 sds - $42.90  
(31A0)

**TITHONIA**  
FIESTA DEL SOL - 4005  
Ø  24-36 in. -  (All America Winner-2000).

The first dwarf Mexican sunflower and the most compact on the market.  Intense, bright orange, 3 in. single daisy type blooms enjoy extreme heat, are drought tolerant and will attract butterflies all summer long.  A wind tolerant variety for commercial cut flower production.  There is an abundance of daisy flowers so that you can cut many for informal bouquets and numerous flowers will remain on the plant for the wildlife.  Use in large patio containers or landscape.  Basically, pest-free, not even deer find the hairy leaves worth eating.

- 50 sds - $7.55  
- 100 sds - $12.35
- 250 sds - $22.20  
- 500 sds - $33.75
- 1,000 sds - $57.40  
(26A0)

**TORCH - 4116**  
Ø  48 in. - 3,000 S.  (All America Winner - 1951).  A quick-growing summer annual that thrives on hot weather, easy to grow as a Zinnia.  Brilliant orange-scarlet flowers, fine for cutting; blooms from August until frost.

- 250 sds - $7.25  
- 500 sds - $11.75
- 1,000 sds - $16,952,000 sds - $16,952,000  
(29A0)

**TORENIAS**  
Wishbone Flower  
375,000 sds/oz  75°-80°  7-10 days

Sow seeds on sterilized media and do not cover seed with soil.  It is very important that you maintain 75° soil temperature throughout the germination process.  Ideal as a pot plant, window boxes, hanging baskets or as a bedding plant; also called Florida Pansy.

Do not cover seeds.  Needs 16 hour daylengths for faster flowering.  Cutflower types bloom 17-27 weeks from sowing.  Pot and bedding types bloom 16-20 weeks from sowing.

**TRACHELUM**  
Throatwort  
65-75°  7-14 days

Do not cover seeds.  Needs 16 hour daylengths for faster flowering.  Cutflower types bloom 17-27 weeks from sowing.  Pot and bedding types bloom 16-20 weeks from sowing.

**LAKE MICHIGAN SERIES**  
Ø  Perennial.  30-42 in. - T. caeruleum.  Mid-season flowering, fragrant cut flower type with a large central umbel and smaller side umbels.  Transplant mid-winter to early spring for spring to early summer flowering.  May also be transplanted late summer to early autumn for autumn to early winter flowering.  PELLETED SEED.  Zones: 6-9

- Blue - 6514PE  
- Purple - 6468PE  
- Violet - 6515PE  
- White - 6513PE  
- Mixture - 6520PE  

Complete mixture of all colors.

Each of the above: (28C0)  
- 100 sds - $8.10
- 200 sds - $13.55  
- 500 sds - $23.70
- 1,000 sds - $38.35  
- 2,000 sds - $69.70
TRITOMA
Kniphofia
20,000 sds/oz 70°-75° 3 weeks
After sowing seed, cover lightly with vermiculite. Light will help germination. A cylindrical cluster of small, tubular flowers held above tufts of bright, evergreen leaves. The flower cluster is bright red at the tip and yellow at the base, in which the nickname “Red Hot Poker” is derived. Blooms June - August from sowing. Zones: 5-9

FLOWER: 50 sds - $14.45 100 sds - $28.90
250 sds - $69.00 500 sds - $138.00
1,000 sds - $230.00 2,000 sds - $460.00
5,000 sds - $1,140.00

VERBASCUM
Mullein
125,000 sds/oz 55°-60° 2-3 weeks
Will flower the same year from sowing.

PHOENICEM MUXTURE - 6318
PHOENICUM 24-36 in. - 260,000 S. Shades of white, pink, salmon and purple. Attractive border plant. Nice cut flower. Zones: 4-8
1,000 sds - $7.25 2,000 sds - $8.60
5,000 sds - $13.90 10,000 sds - $21.65
25,000 sds - $42.90

SOUTHERN CHARM (PELLTED) - 6480PE
Perennial. 24-30 in. - This unique variety offers a blend of creamy yellow, soft lavender, and peachy-rose shades, each marked with a fuzzy-like bee. Will bloom June-August from seed the first year sown. A tender perennial in many areas. Zones: 6-9
25 sds - $9.10 50 sds - $15.95
100 sds - $23.70 250 sds - $46.90
500 sds - $79.30

VERBENA
10,000 sds/oz 70°-75° 14 days
For the best germination, we suggest freezing the seed for 5 days before sowing. Sow seed on sterilized media and cover very lightly. Keep surface of seed flat moist and maintain a soil temperature of 70° days and 60° nights after treating with Captan. (Cover flat with glass or plastic to maintain moisture). Once established, grow on at 65°; pinch early to avoid leggy growth. Darkness will help germination.

IMAGINATION (ENHANCED) - 4170EN
12 in. - 25,000 S. V. speciosa. (All America Winner - 1993). Intense violet-blue flowers contrast with the beautiful lacy foliage. The spreading habit makes this variety ideal in hanging baskets or tubs. Very heat and drought resistant under adverse conditions. Tender Perennial.
25 sds - $9.70 50 sds - $17.45
100 sds - $34.90 250 sds - $45.35
500 sds - $94.25

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VERBENA (continued)

PEACHES AND CREAM - 4178
8 in. - 10,500 S. (All America Winner - 1992). A distinctly different color. The flowers are a blend of salmon and apricot that are pleasingly visible from a distance.
- 100 sds - $7.25 200 sds - $12.20
- 500 sds - $20.70 1,000 sds - $33.10
- 2,000 sds - $59.65 (2880)

QUARTZ SERIES
10-12 in. - 11,000 S. Primed Seed. XP varieties are improved with earlier flowering, dark green foliage and better branching. The series has excellent plug vigor and 85%+ germination.
- Strong garden performance, uniformity and proven mildew tolerance. Heat and drought resistant plants on spreading mound plants make this strain a garden standout for beds and mixed containers. Weeks to flower: 11:13
- Blue - 4550 Solid medium blue.
- Bordeaux XP - 4159
- Burgundy With Eye XP - 4182
- Pink XP - 4166 * New for 2020
- Purple XP - 4527
- Red With Eye XP - 4160
- Scarlet XP - 4165
- Violet With Eye XP - 4162
- White XP - 4554
- Mixture XP - 4164 Complete mix of all colors.
- Patriot Mixture XP - 4558 Scarlet, Blue and White.
- Waterfall Mixture - 4161 Lavender Blue With Eye, Purple With White Eye and Solid White.

TUSCANY SERIES
8-10 in. - 11,000 S. These full, bushy plants are naturally compact and well branched, big florets form large bloom heads. With a uniform germination, habit and flowering time, this series is sure to grow with ease in any hot and dry climate. Enhanced seed for better and more uniform germination. Weeks to flower: 12-14
- Blue - 4662EN Improved for 2020!
- Lavender Picotee - 4547EN
- Orchid Frost - 4591EN
- Rose With Eye - 4544EN
- Scarlet - 4592EN
- Scarlet With Eye - 4477EN
- White - 4546EN
- Mixture - 4549EN A complete mixture.
- Pastel Mixture - 4975EN A formula mixture of Lavender Picotee, Peach, Pink Picotee and White.
  Each of the above: (28C0) 100 sds - $8.10
  200 sds - $13.55 500 sds - $23.70
  1,000 sds - $38.35 2,000 sds - $69.70
- Burgundy With Eye - Discontinued. As a substitute, we suggest Quartz Burgundy With Eye.
- Peach - Discontinued. As a substitute, we suggest Peaches And Cream.
- Pink Picotee - Discontinued. As a substitute, we suggest Tuscan Rose With Eye (enhanced).

VERBENA, HALF HARDY
95,000 sds/oz 70° 15 days
For the best germination, cover seed lightly after sowing and alternate temperatures from 75° days and 60° nights. Be sure to provide winter protection as these are tender perennials. Will attract hummingbirds, butterflies and songbirds all season.

BONARIENSIS (ENHANCED) - 6322EN
- Perennial. 36-48 in. - 96,000 S. (Finesse). One of the best plants for attracting butterflies. This is a long-blooming, tough, drought tolerant plant that is among the easiest perennials to grow. An abundance of magenta-purple blooms are tiny and extremely profuse. ENHANCED SEED for improved and more uniform germination. Zones: 7
- 250 sds - $12.10 500 sds - $23.10
- 1,000 sds - $36.25 2,000 sds - $62.95
- 5,000 sds - $132.85 (29E0)

CANADENSIS - 6320
Perennial. 8-10 in. - 25,000 S. A blooming machine of rose-lilac flowers. A great choice for the low-maintenance garden. Be sure to allow plenty of room, spills over edges nicely. This flamboyant knockout is stunnin paired with silver-leaved plants.
- 250 sds - $7.25 500 sds - $11.75
- 1,000 sds - $16.95 2,000 sds - $27.70
- 5,000 sds - $55.55 (29A0)

DESSERT JEWELS - 6337
Perennial. 5 in. - 25,500 S. Enjoy the pretty flowers and lacy foliage of this semi-trailing verbena. This fabulous color mix of blue, purple, red, rose and white produces long lasting blooms on drought tolerant plants that make a lovely addition to any garden.
- Zones: 9
- 250 sds - $12.10 500 sds - $23.10
- 1,000 sds - $36.25 2,000 sds - $62.95
- 5,000 sds - $132.85 (29E0)

POLARIS - 6321
Perennial. 12 in. - 35,500 S. V. rigida. Dwarf, creeping habit with bluish flowers. Great as a groundcover that will spread and flourish in your flower bed or work perfectly between stepping stones or in a rock garden. Will tolerate light foot traffic and deer usually will avoid.
- 250 sds - $7.25 500 sds - $11.75
- 1,000 sds - $16.95 2,000 sds - $27.70
- 5,000 sds - $55.55 (29A0)

SPICATA BLUE - 6327
Perennial. 18 in. - 417,000 S. (Cat’s Tail). Dense clusters of blue flowers from June to August. Fine for cutting. Zones: 3-8
- 250 sds - $7.25 500 sds - $11.75
- 1,000 sds - $16.95 2,000 sds - $27.70
- 5,000 sds - $55.55 (29A0)

SANTOS (ENHANCED) - 6319EN
- Perennial. 12 in. - 35,500 S. V. rigida. Compact and upright, well-branched plants are early-flowering and high Powdery Mildew resistance. Single flowers are deep purple to magenta. ENHANCED SEED for improved and more uniform germination.
- Zones: 7-11
- 250 sds - $10.90 500 sds - $20.25
- 1,000 sds - $31.40 2,000 sds - $54.20
- 5,000 sds - $113.55 (29D0)

VERONICA
Speedwell
225,000 sds/oz 65°-70° 2 weeks
After sowing seed, cover lightly with vermiculite. Light will help germination. Free-flowering plants of great value in the perennial garden. Blooms June - August. Nice cut flower. Will attract butterflies, hummingbirds and songbirds all season.

BLUE BOUQUET (PELLETED) - 6323PE
- Perennial. 18 in. - V. spicata. An excellent variety with tapered blue spikes with many small florets, highlighted by deep glossy green foliage. Easy to grow and will flower the first year. Zones: 5-9
- 100 sds - $10.40 200 sds - $19.45
- 500 sds - $35.65 1,000 sds - $59.35
- 2,000 sds - $110.10 (28G0)

REPENS - 6326
Perennial. 2 in. - 278,000 S. V. repens. Dwarf, creeping habit with bluish flowers. Great as a groundcover that will spread and flourish in your flower bed or work perfectly between stepping stones or in a rock garden. Will tolerate light foot traffic and deer usually will avoid.
- 100 sds - $10.40 200 sds - $19.45
- 500 sds - $35.65 1,000 sds - $59.35
- 2,000 sds - $110.10 (28G0)

ROYAL BLUE - 6329
- 1,000 sds - $16.95 2,000 sds - $27.70
- 5,000 sds - $55.55 (29A0)

$3.29 per 100 Color Pixie Tags
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**VINCA**
Periwinkle, Catharanthus roseus
21,000 sds/oz  75°-80°  15 days
For the best germination, several growers have suggested that freezing the seed for 5 days before sowing will help germination. Saw seed on sterilized media, cover seed lightly with soil, darkness will help germination. Maintain 75°-80° soil temperature, use bottom heat and keep the surface moist. Once established, grow at 65°. They are very sensitive to temperatures below 65°, and overwatering – this will affect the growth and flowering time and give disappointing results. Do not pinch as flowering could be delayed 3-4 weeks.
Water Vinca sparingly and let them dry out before watering again, this practice develops a proper root structure and prevents root rot. Always allow the plants to get established before applying fertilizer, then apply only at low rates. Low temperatures below 65° will cause yellowing of foliage, stunted growth, and a poor quality plant.

**CORAS CASCADE SERIES**
6-8 in. - 14,500 S. (F-1 Hybrid). Large flowers and thick glossy foliage. So well-branched they start to spread early on, creating a nice mound. Evenly covered with extra-large blooms, filling large beds, landscapes and baskets without bald spots. Very high tolerance to aphythophthora and an excellent choice for regions that experience extended periods of hot, dry weather.

**APRICOT** - 4203 Soft pastel apricot with contrasting dark eye.
**Bright Rose** - 4215 **New for 2020**
**Cherry** - 4204 Improved for 2020! Cherry-red.
**Lavender With Eye** - 4212 Soft lavender blooms with bright white center.
**Lilac** - 4205 Light purple with a red eye.
**Peach Blush** - 4207 Dusty peach with red eye.
**Polka Dot** - 4208 White with red eye.
**Shell Pink** - 4213 Soft pink.
**Strawberry** - 4209 Bicolor pink blooms with a rosy center.
**Violet** - 4201
**White** - 4214 Pure white.

**CORAS XDR SERIES**

**WHITE**
- 4189 Mixture

**CORAS CLASSIC RED** - 4193
14-16 in. - 12,000 S. Rockin’ red. Still the only true-red vinca on the market with resistance to aerial Phytophthora.

**JAMS N JELLIES SERIES**
10-14 in. - 13,000 S. Easy to grow plants have excellent tolerance to drought and heat. Mature plants reach 10-14 inches tall making them a perfect medium height divider. The 2-inch flowers are complimented by deep green shiny leaves creating a rich background for the richly dark flowers. Weeks to flower: 9.

**BLACKBERRY** - 4196 (All America Winner - 2012). Unique velvety deep purple.
**BLUEBERRY** - 4198 Unique color! Deep blue-purple with a dark eye.

**AMERICAN PIE Mixture** - 4197 Mixtures of Blackberry, Red and White.

**MEDITERRANEAN SERIES**
5-6 in. 18,000 S. Trailing/cascading habit. Big, high-impact blooms with over-lapping petals smothered in cheery 2 in. flowers from May till frost. Sun loving and trouble free. Outstanding with great heat and weather tolerance. XP varieties are improved with earlier flowering, better spreading habit, larger flowers and improved germination. Weeks to flower: 10-12.

**PACIFICA SERIES**
12-14 in. - 14,000-21,000 S. Large 2 in. flowers with overlapping petals. Very early and free-flowering with excellent basal-branching habit, resists stretching even in intense heat. XP varieties are improved with earlier flowering, better spreading habit, larger flowers and improved germination. Weeks to flower: 10-14.

**Blush Xp** - 4141 Light rose with deeper rose eye.
**Apricot Xp** - 4163 Soft pastel ivory with a dark eye.
**Burgundy Xp** - 4183 Burgundy-red with small white center.
**Dark Red Xp** - 4113 Dark red eye makes it the darkest red in its class!
**Deep Orchid Xp** - 4129 Deep lavender orchid.
**Icy Pink Xp** - 4049
**Lilac Xp** - 4145 Light purple.
**Magenta Halo Xp** - 4127 Magenta with large white eye
**Orange Xp** - 4114 Dark reddish-orange.
**Polka Dot Xp** - 4155 White with small red center.
**Punch Xp** - 4154 Deep rose-pink with dark rose eye.
**Really Red Xp** - 4125 True red with small yellow eye.
**Rose Halo Xp** - 4054
**White Xp** - 4056


**VINCA (continued on next page)**
VINCA (continued)

**Tattoo Series**

10-14 in. - The art of plants comes alive on every bloom. With out a doubt, the most unique vinca on the market. Each petal looks like it is inked or airbrushed with soft brush strokes of black. Very floriferous and well-branched: displaying one of a kind blooms with an overlapping, fully rounded form that won’t show gaps in hot temperatures. Adding these standouts to your lineup shows that you have your finger on the pulse of what today’s gardener really wants: bold, fun and head-turning. Week fo flower: 5-6.

- **Black Cherry - 4184**
  Swirls of cherry and raspberry are lightly airbrushed with black tones.
- **Blueberry - 4181** ◆ **New for 2020**
  Petals look like it is inked or airbrushed with soft brush strokes of dark purple.
- **Papaya - 4185**
  Beautiful, soft orangesicle-toned petals are marked with an inky black eye.
- **Raspberry - 4186**
  Deep raspberry blooms mature to a soft rose color, each accented with an inky black eye.
- **Tangerine - 4187**
  Swirls of black airbrushed into tangerine blooms with a bright eye.
- **American Pie Mixture - 4180** ◆ **New for 2020**
  A formula mixture of Tattoo Blueberry, Pacifica Really Red XP and Pacifica White XP.

Each of the above: (26B0) 50 sds - $8.30
100 sds - $14.20   250 sds - $26.15
500 sds - $40.30   1,000 sds - $69.20

**VIOLA**

25,000 sds/oz  65°  2-3 weeks
Pre-chill seed in refrigerator 3-5 days before sowing. Do not use bottom heat. After sowing, cover seeds lightly and place seed flat in dark area. Needs darkness to germinate. Perfectly Hardy, fine for bedding. Does well in shady areas. Will flower March-June the first year from seed.

**FRIZZLE SIZZLE MINI SERIES MIXTURE - 6341**
6-8 in. - (F-1 Hybrid). Unique frilly flower! Mixture includes Purple Shades, Tapestry and Yellow.

**LABRADORICA - 6358**
Perennial. 3-6 in. - 33,000 S. V. purpurea. Decorative dark purple foliage with lavender-blue flowers. Semi trailing habit. Zones: 2-8

**QUICKTIME SERIES**
6-8 in. - (F-1 Hybrid). Early blooming, free flowering provide bright color in early Spring and Autumn gardens. Flowering 2 weeks faster than comparable series. Weeks to flower: Autumn 3-4, Spring 5-6.

- **Blue - 6755**
  **Blue Purple Jump Up - 6757**
  Light blue face with deep purple cap.
- **Lemon Jump Up - 6756**
  Lemon-yellow with purple cap and whiskers.
- **Mickey - 6758**
  Deep purple cap with white face and a blotch.
- **Yellow Blotch - 6754** ◆ **New for 2020**
  Yellow with purple caps and whiskers.

Each of the above: (28C0) 100 sds - $8.10
200 sds - $13.55   500 sds - $23.70
1,000 sds - $38.15   2,000 sds - $69.70

**JOHNNY JUMP UP (HELEN MOUNT) - 6366**
Perennial. 10 in. - 43,000 S. Pansy-like faces of purple, blue and yellow combinations are produced in abundance. Delicately fragrant flowers are edible and make delightful garnishes. Zones: 4-9

- **Black - 6428**
  **Blue - 6416** Clear mid-blue.
  **Clear Yellow - 6522**
  **Deep Blue - 6406**
  **Denim Jump Up - 6767** Purple with faded white face and a blotch. Dark purple cap.
  **Marlies - 6524** Yellow lower petal, fading to lilac upper petals with blotch.
  **Mickey - 6768**
  Purple with white face and a blotch with whiskers. Deep purple cap.
  **Orange - 6446**
  **Orange Jump Up - 6407** Improved for 2020! Orange with mahogany upper petals.

Each of the above: (31C0) 100 sds - $8.05
200 sds - $12.40   500 sds - $23.70
1,000 sds - $38.45   2,000 sds - $74.95

**VIOLA PENNY SERIES**
(continued next column)
VIOLA, PENNY SERIES (continued)

Peach Jump Up - 6528
Peach shades with purple cap.

Primrose Picotee - 6530
Soft yellow face with dark whiskers and deep purple halo around outer edges.

Purple Marina - 6443

Purple Picotee - 6529
Cream with whiskers and mahogany cap.

Red Blotch - 6462
Shades of scarlet and red with blotches.

Red Wing - 6771
Yellow with whiskers and mahogany cap.

Rose Blotch - 6769
Rose with a dark blotch.

Violet Face - 6773
Violet outer petals surrounding violet and white center face.

White - 6408

Yellow - 6415
Golden yellow.

Yellow Jump Up - 6429
Improved for 2018! Deep violet upper petals with golden-yellow lower petals.

Yellow With Blotch - 6463

All Seasons Mixture - 6584
Blue, Deep Blue, Orange, Yellow and Yellow Frost.

Jump Up Mixture - 6587
A formula mixture of all Jump Up colors.

Penny Lane Mixture - 6414
A formula mix of all colors.
Each of the above: (2880) 100 sds - $7.25 200 sds - $12.20 500 sds - $20.70 1,000 sds - $33.10 2,000 sds - $59.65

Azure Wing - Crop failure. As a substitute, we suggest Penny Azure Dawn.

SORBET SERIES
6-8 in. - 25,500-62,000 S. (F-1 Hybrid). An outstanding series of beautiful colors and color combinations. Free flowering and uniform growth with good heat and cold tolerance make this is good item for Spring and Fall production. Sorbet XP offers the most uniform habit and tightest flowering window. Superior branching for more blooms and less stretch means excellent shelf life. The most colors of any Viola series, the best choice available for creating programs. Weeks to flower: 7-9.

Antique Shades - 6370
Maroon rose shades.

Babyface Ruby And Gold - 6425
Ruby with a gold center and blotch.

Beaconsfield - 6351
Rich lavender with deeper shades on the lower petals.

Black Delight - 6371
Pure velvety black.

Blackberry Xp - 6500
Velvety, purple-black flowers with a tiny yellow eye.
Each of the above: (28C0) 100 sds - $8.10 200 sds - $13.55 500 sds - $23.70 1,000 sds - $38.35 2,000 sds - $69.70

VIOLA SORBET SERIES (continued)

Blue Blotch Xp - 6308
Dark blue with dark blotch.

Carmine Rose - 6483 (Formerly Skippy Carmine Rose). Deep, clear carmine rose.

Deep Orange Xp - 6365

Delft Blue Xp - 6435
Unique true blue with white face.

Denim Jump Up Xp - 6477
Blue with deep blue upper petals.

Fire - 6541
Yellow-red bicolor with blotch.

Honeysbee - 6374
Mustard yellow with a copper-orange bicolor.

Icy Blue - 6354
Sky blue with dark center.

Lavender Pink - 6381

Lemon Chiffon - 6394
Lemon and yellow bicolor.

Lemon Jump Up Xp - 6312

Marina Xp - 6493
Light blue with white blotch.

Midnight Glow - 6484
Unique, purple bloom with a yellow and blue face with consistent blotch.

Morpho Xp - 6538
Blue & yellow bicolor.

Neptune Xp - 6379
Beautiful cream with blue picotee.

Orange Jump Up - 6439
(Formerly Orange Duet). Purple cap and orange face.

Orchid Rose Beacon Xp - 6451
Orchid-rose with light cap.

Phantom Xp - 6542
Deep black-purple with varying degrees of white around the blotch.

Pink Halo Xp - 6333
Light pink with white around the face.

Pink Wing Xp - 6486
White lower bloom with light pink cap.

Primrose Blotch Xp - 6539
Light yellow with large blotch.

Purple Face Xp - 6454
Deep violet purple with white face and babyface blotch.

Purple Xp - 6378
Pure deep violet.

Raspberry Xp - 6442
Rose pink and white shades.

Red Blotch Xp - 6382

Red Wing - 6364
Deep pink to rose cap with a white face.

True Blue Xp - 6356

Violet Beacon Xp - 6455
Purple-blue with a light cap.

White Blotch Xp - 6536

White Jump Up Xp - 6436
(Formerly Coconut Duet XP). Purple cap with white face and whiskers.

White Xp - 6456
Bright white.
Each of the above: (28C0) 100 sds - $8.10 200 sds - $13.55 500 sds - $23.70 1,000 sds - $38.35 2,000 sds - $69.70

VIOLA SORBET SERIES (continued)

Yellow Blue Jump Up - 6362

Yellow Burgundy Jump Up Xp - 6363

Yellow Jump Up Xp - 6388
(Formerly Yellow Duet XP). Purple cap with golden yellow lower petals.

Yellow Pink Jump Up Xp - 6361
Yellow with pink upper petals.

Yellow Violet Jump Up - 6376
Yellow with bright violet purple caps.

Yellow Xp - 6349
Pure yellow.

Ytt Xp - 6400
(Formerly Skippy XP). Purple cap and white face and whiskers.

Blotch Mixture Xp - 6373
A mixture of all blotched colors.

Mixture - 6401
A formula mixture of all colors.
Each of the above: (28C0) 100 sds - $8.10 200 sds - $13.55 500 sds - $23.70 1,000 sds - $38.35 2,000 sds - $69.70

Lemon Blueberry Swirl - Crop failure. As a substitute, we suggest Sorbet Neptune XP.

TIGER EYE SERIES
4-8 in. - 35,400 S. (F-1 Hybrid). An absolute must for any Halloween promotion. Unique, no freak of nature, rather the result of an impressive breeding program. Flowers are 1 1/2 in. and have black vein-like loops radiating from a black center. Earlier flowering, much improved plant habit and better seed quality means it can be grown alongside mainstream Viola and Pansy crops. Create an eyecatching display in borders or containers. Culinary note: Some parts of these flowers are edible. The crystallised petals are great decorations for cakes and cookies or they can be added straight to green salads for an injection of color. Zones: 4-9

Red - 6476
Yellow Improved - 6475
Mixture - 6479
A mixture of the above colors.
Each of the above: (28F0) 100 sds - $9.85 200 sds - $17.95 500 sds - $32.65 1,000 sds - $54.10 2,000 sds - $99.95

ZINNIA, ANGUSTIFOLIA
Z. linearis
50,000 sds/oz

CRYSTAL SERIES
6-8 in. - 70,000 S. Very early and compact. Single daisy-like blooms measure 1-2 in. across and are held just above the dense, handsome dark green foliage. A terrific low maintenance choice for any sunny location where fast, lush coverage is needed. Tolerant of heat, humidity and dry conditions. Weeks to flower: 8-10.

Orange - 4437
White - 4433 (All America Winner - 1997).

Yellow - 4438
Each of the above: (28E0) 100 sds - $9.30 200 sds - $16.55 500 sds - $29.65 1,000 sds - $48.85 2,000 sds - $89.90

ZINNIA, ANGUSTIFOLIA (continued next page)
### ZINNIA, ANGSTUSTIFOLIA (continued)

#### STAR SERIES

- **Cherry** - 4286
- **Apricot** - 4292
- **Orange** - 4291
- **Pink** - 4293
- **Red** - 4294
- **Scarlet** - 4295
- **White** - 4296
- **Yellow** - 4297

Each of the above: (26A0) 10 sds - $7.25
- 50 sds - $15.95
- 250 sds - $23.70
- 500 sds - $46.90

#### BUTTON BOX MIXTURE - 4411

- **Deep Apricot** - 4305
- **Double Deep Salmon** - 4346 (All America Winner - 2013)
- **Double Fire** - 4876
- **Double Golden** - 4875
- **Double Hot Cherry** - 4345 (All America Winner - 2013)
- **Double White** - 4877
- **Double Yellow** - 4347
- **Fire** - 4274
- **Lemon** - 4303
- **Orange** - 4281 (All America Winner - 1999)
- **Red** - 4289 (All America Winner - 2017)
- **White** - 4286 (All America Winner - 2001)
- **Yellow** - 4327
- **5 Color Mixture - 4325**
- **All America Mixture - 4233**
- **All America Mixture - 4234**
- **Mixture - 4878**
- **Sunrise Mixture - 4326**
- **Mixture - 4866**

Each of the above: (26B0) 50 sds - $9.10
- 100 sds - $15.95
- 250 sds - $23.70
- 500 sds - $39.00

#### MAGELLAN SERIES

- **12-14 in. - 3,500 S.** (F-1 Hybrid).
- **Replacement for Peter Pan series.**
- **Significant improvement with large, fully double, 4-5 in. brightly colored flowers on strong, vigorous plants that are uniformly compact.**
- **Weeks to flower: 8-9.**
- **Cherry - 4296**
- **Coral - 4298** (All America Winner - 2005)
- **Ivory - 4249**
- **Pink - 4297**
- **Scarlet - 4262**
- **Mixtures - 4299**

#### OLD MEXICO - 4419

- **12-15 in. - 16,000 S.** (All America Winner - 1962).
- **Attractive 2-1/2 in. bicolor flowers on rich mahogany-red base overlaid with varying shades of golden-yellow.**
- **Nice, large flowered, heat resistant variety.**
- **500 sds - $7.25**
- **2,000 sds - $14.10**
- **10,000 sds - $42.30**

#### PROFUSION SERIES

- **12 in. - 13,500 S.** (F-1 Hybrid).
- **Beautiful 2 in. flowers are early flowering and uniform in habit with compact growth.**
- **Double series features unique fully double flowers petal.**
- **Heat and drought tolerant, ideal for pots and bedding.**
- **Weeks to flower: 4-6.**
- **Apricot - 4273**
- **Light coral with terra cotta center**
- **Cherry - 4280** (All America Winner - 1999)

#### ZINNIA, DWARF PROFUSION SERIES (continued)

- **Double Apricot - 4305**
- **Double Deep Salmon - 4346** (All America Winner - 2013)
- **Double Fire - 4876**
- **Double Golden - 4875**
- **Double Hot Cherry - 4345** (All America Winner - 2013)
- **Double White - 4877**
- **Double Yellow - 4347**
- **Fire - 4274**
- **Lemon - 4303**
- **Orange - 4281** (All America Winner - 1999)
- **Red - 4289** (All America Winner - 2017)
- **White - 4286** (All America Winner - 2001)
- **Yellow - 4327**
- **5 Color Mixture - 4325**
- **All America Mixture - 4233**
- **All America Mixture - 4234**
- **Mixture - 4878**
- **Sunrise Mixture - 4326**
- **Mixture - 4866**

#### ZINNIA, MEDIUM

- **Z. Elegans**

#### ZINNIA MEDIUM

- **from 6 to 12 inch height**

#### SHORT STUFF MIXTURE - 4264

- **8-10 in. - 4,000 S.** (F-1 Hybrid).
- **Aptly named, this variety is distinctly more dwarf than others.**
- **Large 3-4 in. fully double blooms.**
- **Colors include, Cherry Red, Coral, Gold, Orange, Red, Scarlet and White blooms.**
- **Ideal for pot production.**
- **Weeks to flower: 8-9.**
- **Cherry And Ivory - 4235**
- **Scarlet And Ivory - 4237**
- **Mixtures - 4239**

#### THUMBELINA MIXTURE - 4399

- **6 in. - 5,500 S.** (All America Winner - 1963).
- **A spectacular, early blooming little zinnia, covered with double and semi-double 1-1/2 in. flowers throughout the season.**
- **A colorful mixture of orange, scarlet, pink, yellow and white.**
- **The tiny plants begin to flower in flats or pots about 60 days after the transplanting when they are less than 4 in. high.**
- **Outstanding garden performance.**
- **500 sds - $7.25**
- **2,000 sds - $14.10**
- **10,000 sds - $42.30**

#### ZINNITTA MIXTURE - 4344

- **6-8 in. - 5,000 S.** Naturally compact habit with an abundance of 1/2 - 2 in. fully double flowers. Well branched, globe shaped habit.
- **ZINNIA, PROFUSION SERIES (continued)**

#### ZAHARA XL SERIES

- **18-24 in. - 12,500 S.** Z. Marylandica.
- **Tremendous disease resistance means great landscape performance.**
- **More vigorous and has larger blooms filling in quickly in the landscape.**
- **Once established, can be considered drought tolerant and capable of withstandintg intermittent watering.**
- **The ideal choice for busy people who do not have time to take care of plants or avid gardeners who are bound by water restrictions.**
- **A great choice for low water gardens. Suitable for pot tight production of 4 in. pots for sales of bold colored bedding plants.**
- **Fire - 4862**
- **Pink - 4863**
- **White - 4864**
- **Yellow - 4865**
- **Mixture - 4866**

Each of the above: (26B0) 50 sds - $8.30
- 100 sds - $14.20
- 250 sds - $26.15
- 500 sds - $40.30
- 1,000 sds - $69.20

#### BURPEEANA GIANT MIXTURE - 4293

- **24 in. - 3,000 S.** Giant Cactus Type.
- **Large zinnias with a unique habit of growth.**
- **Large, full blossoms that appear curled and twisted, full range of colors.**
- **Strong laterals continue the lively display of bloom all through summer and early fall.**
- **Pop Art Golden and Red - 4434**

- **24 in. - 2,500-4,000 S.** A real “wow factor” dazzling the eye with sensuous color. (All America Winner - 1999).
**ZINNIA, MEDIUM (continued)**

**SUN SERIES**
24-32 in. - 4,000 S. (F-1 Hybrid). (All America Winner - 1978). Beautiful, 4 in. fully double flat dahlia-type flowers. Compact, strong growing habit with good weather tolerance and garden performance. Weeks to flower: 8-10.

**Cherry - 4224**

**Gold - 4223**
(All America Winner - 1979). Golden yellow.

**Red - 4234**

**Mixture - 4232**

Each of the above: (26D0) 50 sds - $9.80 100 sds - $17.75 250 sds - $34.25 500 sds - $53.45 1,000 sds - $92.80

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**SWIRLS - 4420**

24-60 in. - 4,000 S. Pretty 4 in. bicolor flowers of rose and white or red and yellow. Flowers are fully double to semi double with flat petals that are slightly ruffled.

500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30

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**LILLIPUT FINEST MIXTURE - 4355**

5,000 S. The most popular for cut flowers. A formula mixture of Canary Yellow, Pink, Purple, Scarlet, and White. Flowers are small, compact and symmetrical, on strong stemmed plants.

1,000 sds - $7.25 2,000 sds - $10.40 5,000 sds - $18.45 10,000 sds - $30.10 25,000 sds - $61.85

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**ZAHARA SERIES**

12-18 in - 14,000 S. Z. marylandica.

- Larger, single flowers, with some double flowers, in stronger colors than the Profusion Series.
- Outstanding in sunny, hot and dry conditions.
- Superior disease tolerance.
- Weeks to flower: 4-6.

50 sds - $8.30 100 sds - $14.20 250 sds - $26.15 500 sds - $40.30 1,000 sds - $69.20

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**CHERRY - 4416**  New for 2020

**Double Bright Orange - 4417**

Intense bright orange color. Very floriferous, with slightly smaller flowers than the others in the series.

**Double Cherry - 4427**
(All America Winner - 2017).

**Double Fire - 4428**
(All America Winner - 2010).

**Double Raspberry Ripple - 4450**

Rose and white bicolor. Cooler temperatures accentuate the rose color; as flowers age and under more heat, the white comes out more.

**Double Salmon - 4439**

**Double Strawberry - 4426**
Rose with white petals toward the center.

**Double White - 4418**
White with some blooms showing a pink blushing.

**Double Yellow - 4424**
Improved for 2020!

**Fire - 4391**
Bright orange-red.

**Raspberry - 4379**

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**RED - 4389**

**Starlight Rose - 4392**
(All America Winner 2010). White with rose stripe.

**Sunburst - 4436**

Ravishing bicolor orange-yellow.

**White - 4382**
Pure White.

**Yellow - 4383**

**Double Brilliant Mixture - 4421**

A mixture of Double Cherry, Double Fire and Double Yellow.

**Double Duo Mixture - 4488**

Mixture of Cherry and Fire.

**Double Mixture - 4447**

A formula mixture which contains all the Doubles in the series.

**Mixture - 4384**

Well-balanced mix of the above colors.

**Raspberry Lemonade Mixture - 4487**

A formula mixture of Coral Rose, Starlight Rose and Yellow.

**Double Salmon Rose - Crop failure.**
As a substitute, we suggest Zahara Double Salmon.

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**NEW ITEM THIS YEAR**  |  **CUT FLOWER**  |  **1ST YEAR FLOWERING PERENNIAL**
ZINNIA, TALL

30 in. height and greater

BENARYS GIANT SERIES - RAW SEED

CUT FLOWER

ZINNIA, TALL (continued)

DAHLIA FLOWERED

36-40 in.  2,500-3,000 S. (Giant Mammoth). Tall sturdy stems with 5 1/2 in. blooms. Good garden performer and cut flower.

Bright Pink (luminosa) - 4309
Bright deep pink.

Canary Yellow (canary Bird) - 4655
Canary yellow.

Carmine Rose (exquisite) - 4665
Rose-carmine.

Deep Red (meteor) - 4658
Reddish purple.

Golden Orange (golden State) - 4656
Golden orange.

Orange (oriole) - 4657
Orange gold.

Purple (purple Prince) - 4659
Purple-purplish.

Salmon Queen (eldorado) - 4660
Salmon-rose.

Scarlet (scarlet Flame) - 4661
Scarlet.

White (polar Bear) - 4661
White.

Mixture - 4654
A mixture of all the above colors.

Each of the above: (30A0) 500 sds - $7.25
1/2 oz. - $10.20  1 oz. - $13.85
2 oz. - $23.75  4 oz. - $38.55

CANDY CANE - 4422

24-30 in.  4,000 S. Novel bicolor zinnia with stripes, flecks and splashes of color. Old-fashioned dahlia-flowered type with 4 inch and double blooms. Flower in white with bright pink, rose & cherry and yellow with scarlet.

ENVY - 4292

30 in.  4,500 S. These flowers really make people stop and take notice, their lovely chartreuse-green color is absolutely stunning. Large flowers, 3-4 in. across. A fine cut flower, combining well with almost any color.

GIANTS OF CALIFORNIA MIXTURE - 4333

36-48 in.  3,000-4,000 S. The plants are taller than the Dahlia flowered type, which adapt it particularly for use as a cut flower. The flowers are very large and flat, giving a graceful effect. A formula blend of Cherry, Orange, Pink, Purple, Scarlet, White and Yellow.

INDIAN SUMMER MIX - 4342

36-48 in.  4,000 S. Blend of California Giant and Dahlia flowered zinnias in rich autumn tones, such as bright reds, yellows and orange. For an ideal home garden cut flower. Intermediate flowers between Giants and Lilliputs.

OKLAHOMA SERIES

28-40 in.  4,000 S. Beautiful Pumilla or Ruffled type 2 in. fully double flowers with some semi doubles present. Disease resistant and less susceptible to Powdery Mildew.

Pink - 4867
Salmon - 4868

Scarlet - 4872
White - 4870

Mixture - 4869
A blend of all the above colors.

Each of the above: (29A0) 250 sds - $9.80
50 sds - $17.75
250 sds - $53.45
500 sds - $90.85

ZINNIA, TALL (continued)

QUEENY SERIES

Lime - 4471
Unique lime green color.

Lime Red - 4472
Maroon-red petals, then crowded with lime green.

Lime With Blotch - 4474
Lime with maroon center.

Lime Orange - 4465
24 in.  (All America Winner-2018). The unique color evolves from shades of lime, orange, peach, salmon and yellow, with a dark center as the flowers age. For an ideal home garden cut flower. Weeks to flower: 9-12.

LIME - 4300
Unique and fashionable lime green color.

Orange (golden State) - 4320
Golden-orange.

Purple (purple Prince) - 4324
Violet-purple.

Salmon Rose (eldorado) - 4317
Salmon-rose.

Scarlet (scarlet Flame) - 4308
Orange-scarlet.

White (polar Bear) - 4323
White.

Mixture - 4306
A complete mixture of all colors.

CUPCAKES SERIES

30 in. - 3,500 S. A party in your garden! A vibrantly colored smorgasboard of scrumptious flowers. The fully double and semi double, 2 in. blooms burst open into puffy mounds of petals. Like single serving temptations, they look as though they are heaped and piled high with frosting. Fill beds, borders and planters with these delightful garden treats. Weeks to flower: 9-12.

Cream White - 4360

Deep Orange - 4362
Intense reddish orange with a sprinkling of gold around the center.

Pink - 4366
Shades of cotton candy and bubblegum pink.

Red - 4365

Yellow - 4367

Mixture - 4359
A blend of all the above colors.

Each of the above: (28D0) 100 sds - $8.65
200 sds - $15.10
500 sds - $26.65
1,000 sds - $43.60
2,000 sds - $79.80

CACTUS FLOWERED MIXTURE - 4410

24-36 in. - 4,000 S. Add fireworks to bouquets! Stunning cactus-type flower form with layers of narrow, pointed petals. Large 3-4 inch fully double and semi-double blooms. Sturdy upright plants produce an abundance of flowers in orange, red, yellow, pink, salmon and purple.

Each of the above: (30A0) 500 sds - $7.25
1,000 sds - $9.80
2,000 sds - $14.10
5,000 sds - $25.60
10,000 sds - $42.30

PUMILA DOUBLE MIXTURE - 4377

24-30 in.  4,000 S. Cut and Come Again. This garden favorite is an important early cut flower. Intermediate flowers between Giants and Lilliputs.

STATE FAIR MIXTURE - 4288

36-48 in.  4,000 S. A well balanced formula blend. A giant Tetraploid zinnia with thicker leaves and stockier growth than regular types with very large 5-6 in. flowers. Especially good in packs or flats for bedding plant sales, as the small plants present a much better appearance. Has more resistance to powdery mildew than California or dahlia flowered strains.

Each of the above: (30A0) 500 sds - $7.25
1,000 sds - $9.80
2,000 sds - $14.10
5,000 sds - $25.60
10,000 sds - $42.30

ZOWIE YELLOW FLAME - 4390

24-30 in.  4,000 S. (F-1 Hybrid). Vivid rose color. Well branched, bushy plants are covered with double flowers. Hybrid vigor creates exceptional uniformity and flower quality. Weeks to flower: 8-10.

Each of the above: (25D0) 25 sds - $9.80
50 sds - $17.75
100 sds - $26.65
250 sds - $53.45
500 sds - $90.85

NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL
**Ornamental Grasses**

75° - 80°  3 weeks

*For the best germination; we suggest before sowing to refrigerate seed for 5 days and then soak in warm water for 3 days.*

*Sow thickly, in larger cells to develop nice strong plants within the shortest time.*

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**AGROSTIS NEBULOSA - 1011**

- 18 in. - 500,000 S.  (Cloud Grass). Upright with green leaves and tiny spikelet flowers. A light, airy grass whose star-shaped panicles produce cloud effects. Very decorative and used in fresh or dried flower arrangements.  
  (34A0)
  5,000 sds - $8.10  10,000 sds - $11.65  25,000 sds - $21.45  50,000 sds - $38.55

**BRIZA MAXIMA - 2611**

  (31A0)
  1,000 sds - $7.25  2,000 sds - $8.60  5,000 sds - $13.90  10,000 sds - $21.65  25,000 sds - $42.90

**BRIZA MINIMA - 4701**

- 8 in. - 62,500 S.  (Baby Totter Grass). Ideal as an accent filler in fresh or dried arrangements.  
  (34A0)
  5,000 sds - $8.10  10,000 sds - $11.65  25,000 sds - $21.45  50,000 sds - $38.55

**BROOM CORN MIXED COLORS - 1190**

- 84-120 in. - 1,000 S.  Airy, spray-like seed heads. Mixture of many different varieties and colors; gold bronze, brown, black, burgundy, red, white, cream, natural.  
  (34A0)
  5,000 sds - $8.10  10,000 sds - $11.65  25,000 sds - $21.45  50,000 sds - $38.55

**BROOM CORN RED - 1191**

  (30A0)
  Each of the above:
  500 sds - $7.25  1,000 sds - $9.80  2,000 sds - $14.10  5,000 sds - $25.60  10,000 sds - $42.30

**CAT GRASS - 2619**

- 24-48 in. - Hordeum vulgare.  Bring a touch of the outdoors inside with this attractive bright white and green varigated grass. In as little as 2 weeks from sowing, this grass will reach 6 in. tall. Its trending for indoor living as a soothing dining room centerpiece or as an edible and healthy treat for feline pets and can also be used like wheatgrass for health-conscious juicers. Grass will continue to grow, so keep pots trimmed for a neat and attractive apperance. A sharp accent in the garden or in pots indoors.  
  (29A0)
  250 sds - $7.25  500 sds - $11.75  1,000 sds - $16.95  2,000 sds - $27.70  5,000 sds - $55.55

**CAREX AMAZON MIST (MULTI-SEED) - 1173MP**

- 8-10 in. - C. comans.  Pale green leaves grow in a thick clump and curl over to make a unique spray of color resembling a fountain. Delicate flowers appear atop tiny stems in Mid-Summer. Fantastic in containers. MULTI-SEED PELLET contains 5-6 seeds per pellet. Weeks to finish: 10-14. Zones: 7

**CAREX BRONCO (MULTI-SEED) - 1172MP**

- 8-10 in. - C. comans.  Deep bronze-brown variety makes a unique addition to the garden. Thin foliage is gracefully arching, forming an attractive mound. Winter and early season growth is tinged a beautiful coppery-pink, tipped with silver. Great for containers, rock gardens or as a border plant. Tidy up in the spring to remove any dead foliage to encourage new growth. Best of the group. MULTI-SEED PELLET contains 5-6 seeds per pellet. Weeks to finish: 10-14. Zones: 7

**CAREX RED ROOSTER (MULTI-SEED) - 1170MP**

- 24 in. - C. buchanii.  Upright, deep bronze-red color. Great in the border, in mass plantings or near a water garden. MULTI-SEED PELLET contains 5-6 seeds per pellet. Weeks to finish: 10-14. Zones: 6-9  
  (25B0)
  Each of the above:
  25 sds - $8.30  50 sds - $14.20  100 sds - $20.70  250 sds - $40.30  500 sds - $67.75

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Cat Grass  Carex Amazon Mist  Carex Bronco  Carex Red Rooster
### CORTADERIA WHITE FEATHER - 2610
- **Height:** 48-108 in. - 147,000 S.
- **Description:** Cortaderia selloana. The ultimate architectural plant, adding texture, autumn color and winter shapes to the home landscape. Dozens of large stalks that grow thickly to an average height of about 3 feet topped with silky, soft white plumes soaring above them. An elegant addition to your yard and makes a great screen for hiding unsightly views. Zones: 7-10
- **Prices:**
  - 50 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

### ERIANTHUS RAVENNAE - 1129
- **Height:** 110-180 in. - 71,000 S.
- **Description:** Lush gray-green foliage and tall silver-white flower spikes. Autumn color is bronzy, with white seed heads.
- **Prices:**
  - 250 sds - $9.70
  - 500 sds - $17.45
  - 1,000 sds - $26.60
  - 2,000 sds - $45.35
  - 5,000 sds - $94.25

### FESTUCA BUDDY BLUE - 2614
- **Height:** 12 in. - 35,500 S.
- **Description:** F. valesiaca. (Wallis Fescue). Silvery blue leaves, open panicles of tiny beige spikelets. Tuft forming habit. Use in heath and rock gardens, roof coverage, gravel bed plantings and soil coverage. Ideal for fall and winter sales. Perennial. Zones: 4-8
- **Prices:**
  - 50 sds - $9.30
  - 100 sds - $16.55
  - 250 sds - $29.65
  - 1,000 sds - $48.85
  - 2,000 sds - $89.90

### FESTUCA ELIJAH BLUE - 2620
- **Height:** 10 in. - 25,000 S.
- **Description:** F. glauca. Known for its blue foliage, this is one of the most dependable fescues. Grows in a tight clump. Spikes of blue-tinged inflorescences emerge in summer, with unusual, blue-tinted flowers. Maintains its color throughout the winter months. Works well in perennial borders and with pastel color themes. Provides a bright accent in container plantings and is just beautiful in mass plantings. Perennial. Zones: 4-8
- **Prices:**
  - 100 sds - $9.30
  - 200 sds - $16.55
  - 500 sds - $29.65
  - 1,000 sds - $48.85
  - 2,000 sds - $89.90

### FESTUCA GLAUCA - 2613
- **Height:** 16 in. - 27,000 S.
- **Description:** Soft powdery, spiky foliage that keeps its color all year round. Small clumping grass with a rounded habit. In early summer, wheat-like seed heads are produced on tall, spiky stalks in great numbers. Preferring drier conditions, this is the perfect grass for rock gardens, in stone troughs or pots, for coastal climates or even for use as edging. Tolerates moist conditions and will help repel deer all season. Perennial. Zones: 4-8
- **Prices:**
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

### FESTUCA OVIDIA GLAUC - 1178
- **Description:** New for 2020
- **Height:** 10-12 - 45,000 S.
- **Description:** (Sheep Fescue). Foliage is light blue-silver early in the season, turning to more blue-green in the summer. In fall, it turns a darker mottled green. The linear leaves radiate outward from the crown to form a dense clump of foliage with a very fine texture. In early summer, airy inflorescences develop, growing above the foliage to 14-18 in. tall. The light green flowers with a purple tinge occur in terminal panicles that eventually turn a buff color. These wispy flower spikes are not highly ornamental and the stalks can be sheared off if desired to improve the appearance of the plant. Zones: 4-8
- **Prices:**
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

### ISELEPS LIVE WIRE (MULTI-SEED) - 1199MP
- **Height:** 6-12 in.
- **Description:** Scirpus cernuus. (Fiber Optic Grass). Close-tufted evergreen grass with fine hair-like blades ending in a tuft of white florets. Ideal as an aquatic. Primarily grown as an annual. MULTI-SEED PELLET contains 5-6 seeds per pellet. Zones: 8-10
- **Prices:**
  - 25 sds - $8.30
  - 50 sds - $14.20
  - 100 sds - $20.70
  - 250 sds - $40.30
  - 500 sds - $67.75

### JOB'S TEARS - 4498
- **Height:** 36-48 in.
- **Description:** C. lacryma-jobi. Upright grass with thin, drooping, corn-like foliage. White to bluish-grey seed heads yield glossy seeds often used as beads. Seeds that are harvested for jewelry must be taken when green and then set out to dry fully. Once dry they change color to an ivory or pearly hue. Ream out the center hole prior to inserting a wire or jewelry line. Interesting landscape item. For fresh or dried use.
- **Prices:**
  - 50 sds - $9.80
  - 100 sds - $17.75
  - 250 sds - $34.25
  - 500 sds - $53.45
  - 1,000 sds - $92.80
<table>
<thead>
<tr>
<th><strong>Grasses</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW ITEM THIS YEAR</strong></td>
</tr>
</tbody>
</table>

| **JUNCUS BLUE ARROWS (MULTI-SEED) - 3495MP** | 36 in.-J. inflexus. Stiff and upright, blue-green foliage. Heat tolerant in a wide range of environments. Can be grown as a pond plant, but it is quite drought tolerant when grown in the ground. **MULTI-SEED PELLET contains 5-6 seeds per pellet.** Perennial. Zones: 5-9 |
| **JUNCUS BLUE DART (MULTI-SEED) - 3488MP** | 14-16 in.-J. tenuis. Linear, blue foliage with strong vertical habit; more blue color than comparable varieties. Excellent alternative to spike Dracontias Eye-catching foliage offers great texture. **MULTI-SEED PELLET contains 5-6 seeds per pellet.** **ZONE 5. (25B0)** |
| **JUNCUS EFFUSUS SPIRALIS - 1197PE** | 12-18 in.-J. effusus (Corkscrew Rush). A neat variety with spiraled, twisted stems. A true moisture lover suitable for a pond side or bog garden. Excellent in dried floral arrangements. Prefers full sun to part shade. **Perennial. Zones: 3-7 (26A0)** |
| **JUNCUS JAVELIN (MULTI-SEED) - 3494MP** | 48 in.-J. pallidus. (Giant Rush). Tall and stately green grass makes a dramatic statement. Rugged plant can grow in standing water, but also handles heat and drought well. Great Winter interest, maintaining its upright, stiff foliage in a straw color. Can grow up to 5 ft. **MULTI-SEED PELLET contains 5-6 seeds per pellet.** Zones: 7-10 (25B0) |
| **JUNCUS TWISTED ARROWS (MULTI-SEED) - 3486MP** | 18-36 in.-Includes Juncus Blue Arrows and Juncus Spiralis (curly juncus). Delivers not only blue and green color contrast, but eye-catching mix of straight and twisted. For use in mixed containers or as an indoor lifestyle plant. **MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.** Zones: 5 (25H0) |
| **LEMONGRASS - 1167** | 36-60 in.-Cymbopogon flexuosus. (East Indian Lemon Grass). Raw seed. Good for mass plantings. Handsome grass used in Asian cuisine. Clump forming, lemon-scented, linear strap leaves fall over at the tip. The fibrous leaves have a very strong lemon aroma and are the source for oil that is used to flavor candy, ice cream and pastries. The stalks are usually removed before serving. Gives a sweet-sour lemon flavor to a wide range of dishes from soups, curries, sauces to fish and chicken dishes. It is also great for keeping the mosquitoes away. Makes a wonderful ingredient for hot teas, which can help with digestive problems. Germination can be erratic. A germination temperature of 75-80 degrees is advised. Zones: 8-10 (07C8) |
| **LEMONGRASS (ENHANCED) - 7756EN** | 67,000 S. Cymbopogon flexuosus. (East Indian Lemon Grass). Pure clean seed for sowing and enhanced for germination. **ZONE 9 (25C0)** |
| **MELINIS SAVANNAH - 1195** | 6-12 in.-46,000 S. M. nerviglumis. (Ruby Grass). This showy, ornamental grass forms tight clumps of soft, blue-green foliage that grows 10 in. tall and wide. In June, ruby-pink blooms emerge 18 in. above the foliage on vertical spikes. During summer, flowers turn creamy white. Stunning accent in fresh and dried arrangements. **ZONE 9 (28F0)** |

<p>| <strong>Each of the above:</strong> | |
| 25 sds | 50 sds | 100 sds | 250 sds | 500 sds | |
| $8.30 | $14.20 | $20.70 | $40.30 | $67.75 |
| $7.55 | $12.35 | $22.20 | $33.75 | $57.40 |
| $8.30 | $14.20 | $20.70 | $40.30 | $67.75 |
| $11.30 | $21.35 | $32.65 | $66.55 | $113.95 |
| $7.25 | $10.20 | $17.65 | $31.75 | $53.90 |
| $9.10 | $15.95 | $23.70 | $46.90 | $79.30 |
| $9.85 | $17.95 | $32.65 | $54.10 | $99.95 |</p>
<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Height</th>
<th>Seeds/Bag</th>
<th>Price per Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Millet Aureum - 3419</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Milium effusum</em> (Golden Millet)</td>
<td>24 in.</td>
<td>24,000 S</td>
<td>$24.00, 100 sds: $0.60, 200 sds: $1.20, 500 sds: $3.00, 1,000 sds: $5.95, 2,000 sds: $11.10</td>
</tr>
<tr>
<td><strong>Millet Cramer’s Tapestry - 4497</strong></td>
<td>24-36 in.</td>
<td>9,500 S</td>
<td>$2.25, 500 sds: $0.90, 1,000 sds: $1.80, 2,000 sds: $3.60, 5,000 sds: $7.20, 10,000 sds: $14.40</td>
</tr>
<tr>
<td><strong>Millet Jade Princess - 3428</strong></td>
<td>24-30 in.</td>
<td>3,500 S</td>
<td>$1.50, 100 sds: $0.30, 200 sds: $0.60, 500 sds: $1.50, 1,000 sds: $2.50, 2,000 sds: $4.20</td>
</tr>
<tr>
<td><strong>Millet Jester - 3404</strong></td>
<td>42 in.</td>
<td>3,000 S</td>
<td>$1.50, 25 sds: $0.60, 50 sds: $1.20, 100 sds: $2.40, 250 sds: $6.00, 500 sds: $12.00</td>
</tr>
<tr>
<td><strong>Millet Limelight Spray - 1169</strong></td>
<td>36-48 in.</td>
<td>8,500 S</td>
<td>$1.50, 500 sds: $0.75, 1,000 sds: $1.50, 2,000 sds: $2.50, 5,000 sds: $5.00, 10,000 sds: $10.00</td>
</tr>
<tr>
<td><strong>Millet Purple Baron - 3421</strong></td>
<td>30-40 in.</td>
<td>3,500 S</td>
<td>$1.50, 10 sds: $0.15, 25 sds: $0.35, 50 sds: $0.70, 100 sds: $1.40, 250 sds: $2.60, 500 sds: $5.30</td>
</tr>
<tr>
<td><strong>Millet Purple Majesty - 3409</strong></td>
<td>48-60 in.</td>
<td>3,000 S</td>
<td>$1.50, 25 sds: $0.60, 50 sds: $1.20, 100 sds: $2.40, 250 sds: $6.00, 500 sds: $12.00</td>
</tr>
<tr>
<td><strong>Millet Purple Mist - 1181</strong></td>
<td>36-48 in.</td>
<td>14,000 S</td>
<td>$1.50, 500 sds: $0.75, 1,000 sds: $1.50, 2,000 sds: $2.50, 5,000 sds: $5.00, 10,000 sds: $10.00</td>
</tr>
<tr>
<td><strong>Miscanthus Sinensis - 2623</strong></td>
<td>72 in.</td>
<td>55,000 S</td>
<td>$1.50, 250 sds: $0.85, 500 sds: $1.50, 1,000 sds: $2.50, 2,000 sds: $5.00, 5,000 sds: $9.50</td>
</tr>
<tr>
<td><strong>Panicum Frosted Explosion (Multi-Seed) - 3489MP</strong></td>
<td>24-30 in.</td>
<td>Panicum capillare</td>
<td>$1.50, 25 sds: $0.60, 50 sds: $1.20, 100 sds: $2.40, 250 sds: $6.00, 500 sds: $12.00</td>
</tr>
</tbody>
</table>

*New for 2020*
**NEW ITEM THIS YEAR**

**PANICUM VIOLACEUM - 2780**
- 40 in. - 5,500 S. (Fountain Grass). Attractive, purplish-green pendulous flower heads. An attractive addition to the garden and filler for floral work, both fresh and dried. (30A0)
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

**PENNISETUM ALOPECUROIDES - 4987**
- 24-48 in. - 15,500 S. This tufted or clump-forming grass boasts graceful, arching leaves that bear feathery, purplish flower heads. Strong self-seeder. Hardy perennial. (26A0)
  - 50 sds - $7.55
  - 100 sds - $12.35
  - 250 sds - $22.20
  - 500 sds - $33.75
  - 1,000 sds - $57.40

**PENNISETUM FUZZY - 2621**
  - 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10
  - 2,000 sds - $99.95

**PENNISETUM LONGISTYLUM - 2617**
- 24 - 36 in. - 15,000 S. Etaceum villosum. Long, graceful white sprays, otherwise same as other ornamental grasses. Clean seed for maximum germination. Will repel deer all season. (28B0)
  - 100 sds - $7.25
  - 200 sds - $12.20
  - 500 sds - $20.70
  - 1,000 sds - $33.10
  - 2,000 sds - $59.65

**PHALARIS CANARIENSIS - 2618**
- 30 in. - 3,000 S. (Canary Grass). A very attractive ornamental grass with cone shaped heads. Ideal for bouquets and seed heads can be used as bird food. (30A0)
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

**RHYNCHELYTRUM REPENS - 2608**
- 24-30 in. - 82,000 S. (Champagne Grass). Beautiful ruby red flowers (panicles) are long lasting and will fade to pink at the end of the season. Tinged purple, deep green leaves. (30B0)
  - 500 sds - $7.65
  - 1,000 sds - $11.70
  - 2,000 sds - $17.55
  - 5,000 sds - $33.40
  - 10,000 sds - $56.25

**SORGHUM COLORED UPRIGHTS - 1189**
- 84-120 in. - 1,000 S. Mixture of many different varieties and colors; red, brown, gold, black, burgundy and all shades in between. Compact, loose seed heads. For fresh or dried use. (30A0)
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

**SORGHUM EGYPTIAN WHEAT - 1186**
- 96-120 in. - 1,250 S. Fluffy, loose, airy seed heads 10-12 in. long with straw-colored seeds. Harvest at any stage of development for fresh use. Well adapted to high humidity. (31B0)
  - 1,000 sds - $7.25
  - 2,000 sds - $10.40
  - 5,000 sds - $18.45
  - 10,000 sds - $30.10
  - 25,000 sds - $61.85

**SORGHUM NIGRUM - 4726**
- 48 in. - 1,500 S. (Broom Corn). Robust green to dark brown oval spikes. A colorful, decorated grass with large seed heads. Attractive in the garden and in dried arrangements. (30A0)
  - 500 sds - $7.25
  - 1,000 sds - $9.80
  - 2,000 sds - $14.10
  - 5,000 sds - $25.60
  - 10,000 sds - $42.30

**SORGHUM TEXAS BLACK AMBER - 1188**
- 96-144 in. - 1,000 S. Heirloom. Variety from Texas. Compact 8-12 in. long seed heads with rich, shiny, black seeds. (30A0)
  - Each of the above:
    - 500 sds - $7.25
    - 1,000 sds - $9.80
    - 2,000 sds - $14.10
    - 5,000 sds - $25.60
    - 10,000 sds - $42.30

**STIPA PONY TAILS (MULTI-SEED) - 4820MP**
  - 50 sds - $12.80
  - 100 sds - $24.95
  - 250 sds - $50.25
  - 500 sds - $79.70
  - 1,000 sds - $140.10

**STIPA SIROCCO (MULTI-SEED) - 3498MP**
- 12-14 in. - S. arundinacea; Anemanthele lessoniana. (Pheasant’s tail grass). Like the warm winds from which it takes its name, this delightful grass adds movement and texture to any setting. Turns to shades of copper and pink under cool conditions, natural sunlight and maturity. Useful for landscapes, bedding, mixed containers and hanging baskets. MULTI-SEED PELLET contains 5-6 seeds per pellet. Zones: 6-10 (25B0)
  - 25 sds - $8.30
  - 50 sds - $14.20
  - 100 sds - $20.70
  - 250 sds - $40.30
  - 500 sds - $67.75

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed | Grasses

**NEW ITEM THIS YEAR**

![Panicum Frosted Explosion](image1.png)

![Stipa Pony Tails](image2.png)

![Pennisetum Fuzzy](image3.png)

![Stipa Sirocco](image4.png)
Harvest your favorite herbs from June until frost. Collect your favorite varieties for drying indoors. Pick the flowers when the blossoms are fully open, leaves should be harvested before the plants bloom. When drying, strip the leaves from the bottom 6-8 inches of each stem. Gather into a bundle by tying the stems together and hanging upside down to dry. The leaves and flowers are very popular and have great medicinal value. Please refer to individual varieties for their specific uses. Before using the stems, branches, oils from any plant, consult a physician or health reference book as many can be toxic if used incorrectly or in excess.

Do not mix herbal remedies or teas with medical prescription. Remember, self diagnosis and/or self medication is irresponsible and can be dangerous. Consult a health care professional or doctor in your area whenever in doubt. Herbs are essential in adding the zest and flavor to foods and drinks as a flavoring or seasoning. When leaves are used, cut and gather when the flower buds just start to form. During the past 4-5 years herbs have become more popular. They are easy and economically grown either in plant trays or pots.

Gourmet Tip: Many varieties are easily dried in the microwave or frozen to be used later in the year by yourself or friends.

**ARUGULA**

**ROCKET ROQUETTE - 7782**
12-18 in. - 17,000 S. Eruca sativa. Heirloom. Tender smooth leaves with robust, peppery flavor. Cook mature leaves with other greens or use as a zesty accent in salads. An essential ingredient in the Provenal mixed green, mesclum. Best when picked minutes before your meal. Annual.

1,000 sds - $7.25 2,000 sds - $8.60
5,000 sds - $18.00 10,000 sds - $21.65
25,000 sds - $42.90 ($1/A0)

**ARUGULA - SIMPLY SALAD**

**ARUGULA-(MULTI-SEED) - 8190MP**
30-45 days. Quick to establish and can be harvested at a young leaf size for a mild, nutty flavor. Leaves become spicy as they mature or are exposed to high temperatures. Upright type is perfect for bunching. Leaves have a mixture of lobes and smooth shapes that is perfect for salads or braising. PRESION MULTI-SEED PELLET assures a high level of uniformity of germination making this a great variety for use in hydroponic systems.

50 sds - $1.75 100 sds - $3.50
250 sds - $2.20 500 sds - $3.30
1,000 sds - $5.70 (26A0)

**BALSAM**

**BALSAM - 7712**
12-18 in. - 3,000 S. Impatiens balsamina. Dwarf and compact growth habit. Large double flowers displayed above the foliage. Chinese herbalists use as a tea to clear blockage in the throat. Concentrated water extract from the foliage will ease the pain and lesions associated with Herpes. Flowers can be used as a textile dye or used to color the skin and nails. Annual.

500 sds - $7.25 1,000 sds - $9.80
2,000 sds - $14.10 5,000 sds - $25.60
10,000 sds - $42.30 (30A0)

**BALSAM - 7773**
26-30 in. - 16,000 S. Ocimum basilicum. (Mexican Spice, Vietnamese Basil or Saigon Basil). 65 days. A tender annual with sturdy stems that are dark purple-red with dark green, cinnamon scented leaves. Very useful as an accent with tea, fish, poultry and as an all-purpose seasoning in Asian or Indian dishes. Annual.

1,000 sds - $7.25 2,000 sds - $10.40
5,000 sds - $18.45 10,000 sds - $30.10
25,000 sds - $61.85 ($3/A0)

**BASIL**

**BASIL (continued)**

**ARISTOTLE - 7724**
6-12 in. - 25,000 S. Ocimum basilicum. (Greek Basil). A stylish, compact variety with tightly packed, tiny leaves that create pretty pale green mounds. Perfect for patio gardens, containers and window boxes.

100 sds - $7.25 200 sds - $12.20
500 sds - $20.70 1,000 sds - $33.10
2,000 sds - $59.65 (28A0)

**DARK OPAL - 7797**

1,000 sds - $7.25 2,000 sds - $10.40
5,000 sds - $18.45 10,000 sds - $30.10
25,000 sds - $61.85 (31B0)

**EVERLEAF EMERALD TOWER - 7794**
24-36 in. - 12,000 S. Ocimum basilicum. 30-45 days. Dark green, glossy foliage. Traditional Genovese flavor. Flowers up to 10-12 weeks later than standard types. Well-branched variety with short internodes makes a beautiful columnar plant with huge harvest potential that stays tidy for many uses, including in-ground, container gardens and hydroponics. Perfect for eating fresh in caprese salad or chopped fresh in recipes.

100 sds - $8.65 200 sds - $15.10
500 sds - $26.65 1,000 sds - $43.60
2,000 sds - $79.80 (28D0)

**EVERLEAF GENOVESE - 7726**
18-24 in. - 10,000 S. 30-45 days. Compact, well branched variety with short internodes makes a beautiful columnar plant that stays tidy in both in-ground or container gardens. The robust flavor stands up to cooking, perfect for pesto and adding to sauces. Later flowering than most basilis allows for very large harvests.

100 sds - $8.10 200 sds - $13.35
500 sds - $23.70 1,000 sds - $38.35
2,000 sds - $69.70 (28C0)

**LEMON BALM - 7754**
24 in. - 40,000 S. (Melissa Officinalis). Leaves have a mild lemon aroma and are used to make medicine and tea. Use for digestive problems, including upset stomach, bloating, intestinal gas (flatulence), vomiting, and colic; for pain, including menstrual cramps, headache and toothache; and for mental disorders, including hysteria and melancholia. Many people believe lemon balm has calming effects so the take it as a textile dye or used to color the base of the plant or use drip irrigation.

1,000 sds - $10.40 2,000 sds - $10.40
5,000 sds - $30.10 10,000 sds - $30.10
25,000 sds - $61.85 (31B0)

**CINNAMON - 7737**
26-30 in. - 16,000 S. Ocimum basilicum. (Mexican Spice, Vietnamese Basil or Saigon Basil). 65 days. A tender annual with sturdy stems that are dark purple-red with dark green, cinnamon scented leaves. Very useful as an accent with tea, fish, poultry and as an all-purpose seasoning in Asian or Indian dishes. Annual.

100 sds - $8.65 200 sds - $15.10
500 sds - $26.65 1,000 sds - $43.60
2,000 sds - $79.80 (28D0)

**HOLY (GREEN) - 7736**

Each of the above: (30A0) 500 sds - $7.25
1,000 sds - $8.90 2,000 sds - $14.10
5,000 sds - $25.60 10,000 sds - $42.30

**CINNAMON - 7737**
26-30 in. - 16,000 S. Ocimum basilicum. (Mexican Spice, Vietnamese Basil or Saigon Basil). 65 days. A tender annual with sturdy stems that are dark purple-red with dark green, cinnamon scented leaves. Very useful as an accent with tea, fish, poultry and as an all-purpose seasoning in Asian or Indian dishes. Annual.

100 sds - $8.65 200 sds - $15.10
500 sds - $26.65 1,000 sds - $43.60
2,000 sds - $79.80 (28D0)

**EVERLEAF GENOVESE - 7726**
18-24 in. - 10,000 S. 30-45 days. Compact, well branched variety with short internodes makes a beautiful columnar plant that stays tidy in both in-ground or container gardens. The robust flavor stands up to cooking, perfect for pesto and adding to sauces. Later flowering than most basilis allows for very large harvests.

100 sds - $8.10 200 sds - $13.35
500 sds - $23.70 1,000 sds - $38.35
2,000 sds - $69.70 (28C0)
BASIL (continued)

LEMON - 7738

LETTUCE LEAF - 7889
- 18-24 in. - 16,000 S. Ocimum basilicum. 85 days. A somewhat frilly large leaf, fragrant and flavorful. A culinary delight, it can be used in any recipe calling for regular basil. Ideal for salads, pesto, many Italian dishes and other ethnic cuisine.

LICORICE - 7817
- 12-15 in. - 25,000 S. Ocimum basilicum. 75-90 days. Similar in habit to Cinnamon Basil with a licorice flavor. Used to flavor tea, candy and desserts. Used as a cough remedy in China for thousands of years as a tea. Annual.

MINNETTE - 7690
- 10 in. - 25,000 S. Ocimum basilicum. 75-90 days. An outstanding variety for pot plant sales. Attractive, bushy, very small-leaved variety that forms a tight, compact mound that keeps its shape all season without pinching. Good spicy, flavorful. Clouds of tiny white flowers appear in late summer. Annual. Each of the above: (31A0) 1,000 sds - $7.25 2,000 sds - $14.50 5,000 sds - $25.50 10,000 sds - $42.30

LIME - 7400
- 16-20 in. - 18,000 S. Ocimum americanum. 60 days. The compact plant has 2 in. long, bright green leaves. Add the distinct zesty aroma of lime and a citrus flavor to fish or salads. 60 days to harvest. Organically grown seed. Annual.

NEWTON - 7727
- 17,500 S. Ocimum basilicum. A fast-growing, highly fusarium-resistant variety with a traditional Genovese flavor with no licorice aftertaste. Large, bright green and crinkled leaves. Great for vegetable wraps and fresh chopped herbs.

NUFAR - 7729

PISTOU - 7768
- 10 in. - 24,000 S. Ocimum basilicum. (Greek Basil). 60-90 days. Compact plants with very small leaves. Much more uniform in terms of habit and leaf size than many of the classic compact varieties. Bred for pot plant production. Good flavor. Annual. Each of the above: (30A0) 500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30

SPICY GLOBE - 7755
- 8-14 in. - 22,000 S. Ocimum minimum. 70 days. Very round, compact shape and tiny, flavorful leaves. Hearty flavor makes a good candidate for spicier Thai and Italian dishes, in sparring amounts. Perfect for edging in small gardens or in containers and window boxes. Annual. Each of the above: (30B0) 500 sds - $7.65 1,000 sds - $11.70 2,000 sds - $17.55 5,000 sds - $33.40 10,000 sds - $65.25

SWEET GENOVESE - 7734
- 24 in. - 17,000 S. Ocimum basilicum. 68 days. Large, dark green, crinkled, thick leaves of strong scented, spicy basil flavor. Very popular as a fresh market basil and for gourmet cooking. Annual. Each of the above: (30A0) 1,000 sds - $7.25 2,000 sds - $14.50 5,000 sds - $25.50 10,000 sds - $42.30

NEW ITEM THIS YEAR

BASIL (continued on next page)
BASIL  (continued)

TRY BASIL (MULTI-SEED) - 8928MP
12-24 in. - Ocimum basilicum. Simply Herbs Collection. Three different Basil! Each pellet contains a large-leaf Genovese basil, a serrated green leaf type and a burgundy-leaf variety. PRECISION MULTI-SEED PELLET contains 8-14 seeds per pellet and assures a high level of uniformity of germination, making this a great variety for use in hydroponic systems.

50 sds - $7.55
250 sds - $22.20
1,000 sds - $57.40 (26A0)

BORAGINEOUS

1,300 sds/oz  70°  7-14 days
Herb Seedman's Guide.  Harvested anytime. Leaves should be harvested when young; old leaves are not as flavorful. Flowers can be harvested anytime.

18-24 in. - 10,000 S. Carum carvi. Heirloom. 70 days. Seed used for flavoring bread, meat and liquors. Used for flavoring in breads, soups, salads, stews, cheeses, pickling brines, and meat dishes. Will help in the digestion of heavy, rich meals. Caraway seeds were so revered by the 6th century Persians that citizens used them to pay taxes. Biennial.

CATNIP - 7763
18 in. - 45,000 S. Nepeta cataria. Heirloom. 80-90 days. Green or dried leaves used for seasoning and as a tea for nervous headaches and upset stomachs. Perennial.

CEYLON CLOVES - 7777

CELERY LEAF - 7821
12-15 in. - 70,000 S. 85 days. Solid, thick stalks that are topped with upright green foliage. Leaves are aromatic in season of stews, soups, meats and poultry. Annual.

CHERVIL - 7771
8-16 in. - 12,000 S. Anthriscus cerefolium. 60 days. Slow-bolting, vigorous. Curly type leaves resemble Parsley with an anise-tarragon like flavor. For culinary use, both the roots and leaves are used. Popular of salads, micro greens, and garnishing. The flavor lends itself well to fish, crab, meats, vegetables, sauces and soups. Also used as a diuretic and for skin ailments. Annual.

1,000 sds - $7.25
5,000 sds - $13.90
25,000 sds - $72.25

CLOVES

Each of the above: (34A0) 1,000 sds - $7.25
2,000 sds - $8.60
10,000 sds - $21.65
25,000 sds - $42.90

BORAGE

BORAGE - 7744
18 in. - 1,500 S. Borago officinalis. Heirloom. 50-60 days. Thick soft stems and large leaves that have the flavor of cucumbers, both of which are covered in fine bristly hairs. The flowers are star-shaped and a vivid sky blue, although an occasional pink bloom does appear. Often grown in vegetable gardens where it attracts pollinating bees and is considered a good companion plant for tomatoes, squash and strawberries. It’s even supposed to deter tomato hornworms and is considered a good companion plant for tomatoes, squash and strawberries. It's even supposed to deter tomato hornworms and is considered a good companion plant for tomatoes, squash and strawberries. It's even supposed to deter tomato hornworms and is considered a good companion plant for tomatoes, squash and strawberries. It's even supposed to deter tomato hornworms and is considered a good companion plant for tomatoes, squash and strawberries. 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CHIVES
6,000-23,000 sds/oz  68°-70°  10-14 days
Sow indoors at a depth of 4 times the size of seed. Alternatively, sow outdoors in early spring when the soil is still cool. When sowing outdoors, a maxium depth of 4 times the width of seed. Transplant when there are at least two sets of true leaves. Clumps may be lifted in the fall and grown indoors in a sunny window sill for winter harvesting. Chives reward you with long-lived plants that set lovely blooms, offer good garden protection and can be snipped as needed for cuisine.

GARLIC - 7747
Ø 10-12 in. - 6,000 S. Allium tuberosum. (Chinese Leeks). Heirloom. 85 days. Mild garlic-onion flavor. Thin flat foliage and edible, fragrant, white star-shaped flowers. Popular in salads and stir-fry recipes. If they begin to stretch, cut back for dense growth. Perennial.
1,000 sds - $7.25 2,000 sds - $10.40
5,000 sds - $18.45 10,000 sds - $30.10
25,000 sds - $61.85

GARLIC GEISHA - 7750
Ø 12-15 in. - 5,300 S. Allium tuberosum. (All America Winner - 2015). 75 days. Long, slender and elegant with hollow stems that are wider and flatter than others. Larger and more delicious foliage, topped by beautiful white blooms that bring butterflies into the late-summer garden. The flavor is more refined and truly evocative; not harshly garlicky, but highly aromatic and delicately, but robustly flavored. Reluctant to flower, it offers a longer than ever season of harvest and ends with a flourish so beautiful you will thank your lucky stars this plant is a perennial. An absolute must-have for the well-dressed herb garden or container display. Zones: 3-9
500 sds - $7.25 1,000 sds - $9.80
2,000 sds - $14.10 5,000 sds - $25.60
10,000 sds - $42.30

CILANTRO
Coriander, Chinese Parsley
2,000 sds/oz  65°-75°  7-14 days
Directly sow when new frost has passed. Not fussy about soil, but it does need full sun and regular moisture with a pH of 6.0-6.7. Both the seeds (Coriander) and the leaves (Cilantro) are aromatic and flavorful being used in numerous foods around the globe. Before seed begins to fall, cut stems 8 in. long, bundle stems together with rubber bands, place a bag over the bundle and hang up-side down, allowing the dried seeds to fall into the bag. Once it sets seeds, the plant quickly starts to degrade.

CALYPSO - 7897
3,400 S. Coriandrum sativum. Full, bulky plants provide a high leaf yield. This British bred coriander has excellent bolting resistance and can be cut back and allowed to re-grow at least 3 times throughout the summer due to its extremely low growing point. A quick growing annual herb which is best grown for its delicious foliage that can be added to salads, curries and soups. 3 weeks slower to bolt than Santo. Spread is 10 inches.

CORIANDER OR CHINESE PARSLEY - 7746
24 in. - 4,000 S. Coriandrum sativum. Heirloom. Leaves are sweet and spicy, used to season pickles and meats. Seeds are used in breads, curry powder, and pastries. Excellent in Mexican, Chinese and Latin American dishes. Seeds used in meats, sauces, sausages, pickles, etc., young green leaves in soups, salads and salsa. Annual.
Each of the above: (31B0) 1,000 sds - $7.25
2,000 sds - $10.40 5,000 sds - $18.45
10,000 sds - $30.10 25,000 sds - $61.85

CRUISER - 7749
Ø New for 2020 8-16 in. - 3,800 S. 50-55 days. Slow to bolt! Vigorous growing variety with large leaves and sturdy stems. Ideal variety for bunching and fresh market sales. Tidier, more upright habit will produce a continuous supply of dark green, glossy leaves. Similar to Calypso for bolt resistance, but more productive.

GRASS ONION - 7577
Ø 10-12 in. - 23,000 S. Allium schoenoprasum. Heirloom. 90 days. Waxy, grass-like clumps of tubular leaves with light purple blooms. Used in China over 3,000 years ago. Adds great flavor to salads, creamy soups, potatoes, and egg dishes. Great for containers and also makes a neat border. Enjoy the light purple booms in the spring— they are edible. Perennial.
1,000 sds - $7.25 2,000 sds - $8.60
5,000 sds - $13.90 10,000 sds - $21.65
25,000 sds - $42.90

CULANTRO
MEXICAN CULANTRO - 7793
Ø New for 2020 Eryngium foetidum. (Saw Tooth Mint). 80-90 days. Same earthy fragrance and flavor of cilantro but with a great pungency. Serrated leaves are both long and wide. A staple in many Caribbean and Latin dishes. Can be used in marinades, soups, stews, atop salads and in any other way cilantro would commonly be used. Medicinally, it has been used for a variety of illnesses from epilepsy to burns, fevers, snake bites and constipation. Zones: 8-11
Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $8.60 5,000 sds - $13.90
10,000 sds - $21.65 25,000 sds - $42.90

CORNFLOWER
Bachelor's Buttons
5,000 sds/oz  59°-68°  7-14 days

CORNFLOWER - 7828
Ø 36 in. - 5,000 S. Centaurea cyanus. Heirloom. Bright blue flowers all season. Herbalists believe the tonic has a curative and calming action for nervous disorders. As an eye wash it will clear and strengthen weak eyes. Annual.
Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $8.60 5,000 sds - $13.90
10,000 sds - $21.65 25,000 sds - $42.90

EDELWEISS
250,00 sds/oz  68°  20-35 days
Seeds are very small, so do not cover them, just gently press into the soil in a starter tray. Water from underneath the tray. Blooming may not occur the first season, but healthy plants should produce beautiful flowers the second season. Rock gardens, raised beds or even containers are ideal environments. Gritty, well-drained soil with a pH 6.8-7.8.

EDELWEISS - 7803
Ø 6 in. - 250,000 S. Leontopodium alpinum. White wooly star-like flowers. A familiar plant to many Europeans as this is a popular plant throughout the countryside and mountain roads. Popular as a tea to treat diarrhea and dysentery. Used widely as a cosmetic cream to aid healing and control facial wrinkles. Perennial.
Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $8.60 5,000 sds - $13.90
10,000 sds - $21.65 25,000 sds - $42.90

EPAZOTE
Mexican Tea, American Wormseed
190,000 sds/oz  70°  7-14 days
Not fussy about soil, but a less than rich soil produces the best and most concentrated flavor in the leaves.

EPAZOTE - 7757
Ø New Item This Year 24-36 in. - 140,000 S. Chenopodium ambrosioides. 55 days. Pungent flavor with refreshing minty overtones. Use in chili sauces and bean dishes. Aids digestion and helps prevent flatulence. Organically grown seed. Annual.
500 sds - $8.30 1,000 sds - $13.55
2,000 sds - $20.95 5,000 sds - $41.10
10,000 sds - $70.15

NEW ITEM THIS YEAR 103
**EUCALYPTUS**

Blue Gum Tree, Sticky Bark Tree  
18,000 sds/oz 60°-70° 84-98 days  
Scarification and moisture enhance germination. Soak in water for 24 hours. Suitable for light sandy, medium loamy and heavy clay soils.

**EUCALYPTUS - 7835**  
600 in. - 18,000 S. E. globulus. Broad, shiny leaves on smooth grayish-white stems. Lozenges for a sore throat, cough drops and antiseptic rinses are made with oil from the leaves. Popular indoor plant used to neutralize and deodorize the air. Perennial.

50 sds - $9.10  
250 sds - $30.20  
1,000 sds - $46.90  
(26CO)

**FENNEL**  
6,000-10,000 sds/oz 65°-70° 14-21 days  
Prefers fertile, well drained soils, high in organic matter with a pH range of 6.5-7.5. Adequate irrigation is needed. Whenever possible, should be planted to mature in shortening days with cooler temperatures, as high heat and long days encourage bolting.

**SMOKEY-BRONZE - 7751**  
30 in. - 9,000 S. Foeniculum vulgare. 50-60 days. Very decorative bronze-hued lacy foliage with lacy golden flower umbels that ripen mellow anise flavored seeds. Its unusual color makes a striking accent plant. A sophisticated addition in salad lovers. Zones: 4-8

500 sds - $7.25  
1,000 sds - $9.80  
2,000 sds - $14.10  
(30AO)

**SWEET FLORENCE - 7752**  
36-48 in. - 6,000 S. Foeniculum vulgare. Heirloom. 60-90 days. Leaves used in fish sausages and for garnishing. Young shoots are an excellent tender vegetable called Finocchio. Will attract butterflies all season. European researchers have indicated this herb relaxes the muscles in the digestive system and helps expel gas. Also, it is believed to kill some forms of bacteria and is helpful in treating diarrhea. Perennial.

1,000 sds - $7.25  
2,000 sds - $8.60  
5,000 sds - $13.90  
10,000 sds - $21.65  
25,000 sds - $42.90  
(31AO)

**HYPERICUM**

St. John’s Wort  
240,000 sds/oz 60° 10-20 days  
Sow thinly, using a packaged sterile seed starting mix. Barely cover and press firm. Germination can be erratic. This grass rarely flowers, but is considered mature at 4-8 months. Soil should be fertile, moist loams with a pH level of 6.7-8. Harvesting occurs when the plant is 4-8 months old or when plant is approximately one foot tall. From thereon, can be harvested every 3-4 months for approximately 4 yrs. This is done by cutting the entire stalks and using fresh in teas. Make sure to cut the stems below the white swollen ends.

18 in. - 27,000 S. Hyssopus officinalis. Heirloom. 85-90 days. Strongly scented flowers used as a perfume base. Attracts butterflies all season. The Book of Psalms says - Purge me with Hyssop and I shall be clean. (It was used as a poultice to cure cold sores and genital herpes). Current herbalists suggest using it as a gargle for tonsillitis, sore throat, and coughing. Perennial.

500 sds - $7.25  
1,000 sds - $9.80  
2,000 sds - $14.10  
5,000 sds - $25.60  
10,000 sds - $42.30  
(30AO)

**HYSSOP - 7762**  
85°-80°  
Germination can be erratic. This grass rarely flowers, but is considered mature at 4-8 months. Soil should be fertile, moist loams with a pH level of 6.7-8. Harvesting occurs when the plant is 4-8 months old or when plant is approximately one foot tall. From thereon, can be harvested every 3-4 months for approximately 4 yrs. This is done by cutting the entire stalks and using fresh in teas. Make sure to cut the stems below the white swollen ends.

36-60 in. - Cymbopogon flexuosus. (East Indian Lemon Grass). Raw seed. Good for mass plantings. Grows in dense clumps, erupting from tough bulbous base with a spread of about 1 meter wide and about 3 feet in height. Its leaves are bright green with sharp edges with an appearance similar to that of grass. Refreshing, citrus-scented imparts unique flavor to recipes. Its coarse tufted stems and leaf buds are among the most sought after herbal parts used in an array of cuisines all over South and East Asian regions. Zones: 8-10

1/32 oz. - $7.25  
1/16 oz. - $10.20  
1/8 oz. - $17.65  
1/4 oz. - $31.75  
1/2 oz. - $53.90  
(07CO)

**LEMON GRASS (ENHANCED) - 7756EN**  
67,000 S. Cymbopogon flexuosus. (East Indian Lemon Grass). Pure clean seed for sowing and enhanced for germination.

25 sds - $9.10  
50 sds - $15.95  
100 sds - $23.70  
250 sds - $46.90  
500 sds - $79.30  
(25CO)
**LEMONGRASS (continued)**

LEMONGRASS (DETAILED) - 7756DE

36-60 in. - $5.50 S. Cymbopogon flexuosus. (East Indian Lemon Grass). Clean seed. Excellent for individual plantings. Grows in dense clumps, erupting from tough bulbous base with a spread of about 1 meter wide and about 3 feet in height. Its leaves are bright green with sharp edges and an appearance similar to that of grass. Refreshing, citrus-scented imparts unique flavor to recipes. Its course tufted stems and leaf buds are among the most sought after herbal parts used in an array of cuisines all over South and East Asian regions. Germination can be erratic. A germination temperature of 75-80 degrees is advised. Zones: 8-10

250 sds - $7.25  
1,000 sds - $16.95  
5,000 sds - $55.55  
(29A0)

**LOVAGE**

Maggi Plant

8,000 sds/oz  60°  10-14 days

Sow outside just before the soil before last frost in spring. Keep are cultivated until well established. Divide after 2 years full growth.

**LOVAGE - 7775**

50 in. - 8,000 S. Levisticum officinale. 90 days. Heirloom. Beautiful clusters of yellow flowers. Aromatic seeds used in cakes. Seeds are used as a flavoring in soups and pastry. Used for its leaves in the perfume industry. Zones: 3-8

1,000 sds - $7.25  
5,000 sds - $18.45  
25,000 sds - $61.85  
(31B0)

**MARJORAM**

Joy of the Mountains, Wintersweet

120,000 sds/oz  70°  7-14 days

Will grow in a relatively wide pH range between 6.1(mildly acidic) and 8.5 (alkaline) with a preferred range between 6.5 and 7.5. Propagates well through softwood and semi-hardwood cuttings. Pinch off the top when the plant is 2-3 in. tall to encourage side growth.

**SWEET MARJORAM - 7764**

* 20 in. - 105,000 S. Origanum majorana. 80-95 days. Aroma is similar to oregano, but sweeter and more balsam-like. Fresh or dried leaves for seasoning. Great with veal, beef, lamb, fish and poultry as well as vegetables, potatoes and mushrooms. It complements garlic, onion, thyme, and basil often used as a substitute for oregano. Roman herbalists believed this herb could heal bruises, treat snakebite, soothe sore muscles and joints, and treat eye infections. Marjoram tea will help settle the stomach and help avoid motion sickness. Appropriate for containers or the herb garden. Annual.

1,000 sds - $7.25  
5,000 sds - $13.90  
25,000 sds - $42.90  
(31A0)

**MINT**

50,000-350,000 sds/oz  68°-75°  10-15 days

The most popular way to grow any of the mints is in a pot where you can keep it in check. Add water-retaining polymer to the potting soil to be sure it stays moist. Sow outdoors, place them on top of well-worked soil, then sprinkle a fine layer of vermiculite on top of them, consider placing a row cover over the seeds until they sprout. In the ground select a damp area in either full sun or part shade. Prefer to grow soil with a pH from 6.0-7.0. Vigorous on its own, but will appreciate a little fertilizer every few weeks, especially if you harvest alat. Harvest springs in the morning when the flavorful oils are strongest.

**LEMON MINT - 7773**

* 40 in. - 65,000 S. Monarda citriodora. Heirloom. 60 days. Similar to Balm with larger lemon-scented leaves. Will attract butterflies all season. Perennial.

1,000 sds - $7.25  
5,000 sds - $18.45  
25,000 sds - $61.85  
(31B0)

**PEPPERMINT - 7778**

20 in. - 350,000 S. Mentha piperita. Heirloom. 84 days. As a tea, it may help to prevent stomach ulcers and stimulate bile secretion. Used as an antacid. Grow in your garden to control insects, rub leaves on your clothing to repel fleas, mosquitoes, ticks, gnats, and flies. Perennial. Zones: 3-8

10 in. - 350,000 S. Mentha spicata. 90-200 days. Sweet-scented leaves for flavoring. Will attract butterflies all season. Perennial. Zones: 3-7

Each of the above: (31B0)  
1,000 sds - $7.25  
2,000 sds - $10.40  
5,000 sds - $18.45  
10,000 sds - $30.10  
25,000 sds - $61.85  
(31B0)

**NEPETA**

Catnip, Catswort, Catmint

36,000 sds/oz  65°-70°  10-15 days

Sow in trays of a well structured compost or dried leaves for seasoning. Great with veal, beef, lamb, fish and poultry as well as vegetables, potatoes and mushrooms. It complements garlic, onion, thyme, and basil often used as a substitute for oregano. Roman herbalists believed this herb could heal bruises, treat snakebite, soothe sore muscles and joints, and treat eye infections. Marjoram tea will help settle the stomach and help avoid motion sickness. Appropriate for containers or the herb garden. Annual.

1,000 sds - $7.25  
2,000 sds - $14.10  
5,000 sds - $25.60  
10,000 sds - $42.30  
(30A0)

**NIGELLA**

Love-in-a-Mist

10,000 sds/oz  68°  10-15 days

Sow 2-4 weeks before average last frost. For continual bloom, every 4 weeks after initial sowing until midsummers. In winter climates, sow in early fall for very early spring bloom.

**NIGELLA - 7423**

* 24 in. - 10,000 S. Damascena. Heirloom. 63-84 days. Attractive blue flowers with finely marked leaves. Seeds are used as a flavoring in soups and pastry. Leaves stored with clothing will repel insects. Used for its leaves in the perfume industry. Zones: 3-7

250,000 sds/oz  60°65°  12-14 days

Sow indoors 6 weeks prior to the end of frost season. For areas with a longer growing season, sow in well-drained to dry, neutral to alkaline soil in full sun after danger of last frost is over. Performs best in rows 18-24 in. apart. Thin seedlings to 8-12 in. apart when they are 2 in. tall.

**GREEK (HERACLEOTICUM) - 7766**

* 14-24 in. - 270,000 S. O. heracleoticum. (Greek Oregano). Heirloom. 80-90 days. Used for sauces and seasoning. Strong, spicy flavor. Add to sauces and pasta salads. As a tea, herbalists believe it can be used as a digestive aid, relief from arthritis, relieve discomfort for chest congestion, colds, flu and effective as a tranquilizer. Perennial. Zones: 4-9

1,000 sds - $7.25  
5,000 sds - $18.45  
25,000 sds - $61.85  
(31B0)

**OREGANO (MULTI-SEED) - 8926MP**


50 sds - $7.55  
250 sds - $22.30  
1,000 sds - $57.40  
(26A0)

**30% Discount Off your Seed Orders of $500 or more when booked by Oct 31st!**

**PLUS! 30% off future orders of $250 or more until June!**
**Parsley**

12,000-17,000 sds/oz 65° 21-56 days
Requires a well prepared soil. Use general purpose fertilizer when preparing soil. Moist soil preferred. Soak seeds overnight before sowing, seeds take a while to get going. Indoors soak seeds to be sure to transplant as soon as they have two sets of true leaves (and the soil is warm), they have a long root and resent being transplanted once they have begun to leaf out. Keep the area weed-free as possible so the tiny, slow growing seedlings don’t have to compete with a jungle when they sprout. If growing in a pot, select a container that is long and narrow rather than wide and shallow, to give the root room to run. Best to start new plants each year, the leaf flavor is not as good in the second season.

**Pennyroyal**

380,000 sds/oz 70° 14-21 days
Indoor sowing recommended in flats 6-8 weeks before the last frost. Sprinkle seeds on fine soil and cover lightly. Does best in rich, sandy loams in full sun to partial shade.

**Fleabane**

370,000 S. Mentha pulegium. Heirloom. Creeping growth habit. Leaves are used in tea to aid stomach disorders and digestion. Good edging to repel insects and fleas. Roman naturalists detected that this herb repelled fleas - this is where the name fleabane was derived from. Grow in your garden to control insects and rubbing the leaves on your clothing or pets to repel fleas, mosquitoes, ticks, gnats and flies. It is the main ingredient found in natural insect repellants. Perennial. Zones: 6-9
1,000 sds - $7.25 2,000 sds - $8.60 5,000 sds - $13.90 10,000 sds - $21.65 25,000 sds - $42.90 (3LA0)

**Rosemary**

20,000 sds/oz 75°-85° 14-21 days
Grows slowly in the beginning, but given time they will pick up speed and grow faster. Plant in well-drained, light soil with full sun for best results. Fairly drought-tolerant.

**Rue**

Herb of Grace, Garden Rue, Common Rue
12,500 sds/oz 68° 7-14 days
Sow in spring. Standard greenhouse culture or sow in a fine seedbed outdoors. Sow just below surface, tamp securely, keep evenly moist and in the light. Oil from leaves may cause a photosensitive skin reaction in some. Use caution when brushing against leaves on warm sunny days.

**Extra Curled Dwarf - 7770**

12 in. - 17,000 S. Petroselinum crispum. Heirloom. 75 days. Finely curled, compact dark green leaves, very productive. Early herbalists believed this herb to be a diuretic for kidney problems, fluid accumulation and a substitute for quinine to treat malaria. It is very high in Vitamins A and C and is an aid and tea to treat high blood pressure and rheumatism. More compact growing than the standard garden variety. Annual. Zones: 6-9
1,000 sds - $7.25 2,000 sds - $8.60 5,000 sds - $13.90 10,000 sds - $21.65 25,000 sds - $42.90 (3LA0)

**Flat Parsley (Multi-Seed) - 8922MP**

15-18 in. - Petroselinum crispum. Simply Herbs Collection. Multi-Seed Pellet contains 7-9 seeds per pellet. Zones: 5-8
50 sds - $7.55 100 sds - $12.35 250 sds - $22.20 500 sds - $33.75 1,000 sds - $57.40 (26A0)

**Giant of Italy - 7788**

New for 2020 18-20 in. - 15,000 S. Petroselinum crispum. 75-85 days. Italian Flat leaf. Produces massive thick stalks and rich flavor dark green leaves.
1,000 sds - $7.25 2,000 sds - $8.60 5,000 sds - $13.90 10,000 sds - $21.65 25,000 sds - $42.90 (3LA0)

**Curled Parsley (Multi-Seed) - 8925MP**

15-18 in. - Petroselinum crispum. Simply Herbs Collection. Multi-Seed Pellet contains 7-9 seeds per pellet. Zones: 5-8
50 sds - $7.55 100 sds - $12.35 250 sds - $22.20 500 sds - $33.75 1,000 sds - $57.40 (26A0)

**Single or Italian Leaf - 7846**

16 in. - 12,000 S. Petroselinum neapolitanum. Heirloom. 40-60 days. Plain or flat, deep cut dark green leaves with a very strong flavor. Flat leafed is far more nutritious than the curly type. Excellent drying variety that has strong taste and crisp stems. An excellent addition to salads, cooked vegetables, soups and stews. Taller and stronger flavor than the standard strain. Annual. Zones: 6-9
1,000 sds - $7.25 2,000 sds - $8.60 5,000 sds - $13.90 10,000 sds - $21.65 25,000 sds - $42.90 (3LA0)

**Rosemary (Enhanced) - 7787EN**

24 in. - 22,000 S. Rosmarinus officinalis. Heirloom. 80-100 days for stem tips. 120-180 days for bunches. Intensely fragrant leaves have a distinctive pungent flavor. Excellent seasoning for meat or vegetable dishes. Use dried for sachets and herbal crafts. May grow to the size of a small shrub where hardy. Can be wintered indoors in a pot. Needs high humidity. Ancient herbalists believe that a sprig of Rosemary under your pillow will ward off bad dreams and if planted in the garden will repel witches. Traditional herbalists use it to treat stomach disorders, headache, insomnia, indigestion, depression, muscle pain, and as a gargle for bad breath. Medieval Greek students once wore garlands in the garden to control insects and rubbing the leaves on your clothing will repel whitefly in the garden. Good edging, that will repel insects. Perennial. Zones: 5-11
500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30 (3LA0)

**Rupturewort**

500,000 sds/oz 68°-71° 14-21 days
Cover substrate with vermiculite or mulch to retain water and keep your eye on small plants until they establish themselves. A relatively low maintenance perennial, simply remove damaged foliage in spring and fertilize with a complete balanced fertilizer and do not fertilize after mid September.

**Sage**

Common Sage
3,000 sds/oz 60°-70° 20 days
Sow under about 1/8 in. of soil and keep moist until they sprout. Cut stems will root very easily. Harvest before flowering. Do not dry in direct sunlight.

**Garden Sage - 7777**

24 in. - 3,100 S. Salvia officinalis. Heirloom. 75 days. Fresh or dried leaves for seasoned poultry, sausage, meats, dressing, and fillings, etc. Will attract butterflies and repel insects all season. Gargle with sage tea to soothe sore throats. Salvia comes from the Latin word meaning to heal. Physicians will often suggest a cup of hot Sage tea to soothe the stomach or as a gargle for tonsillitis. Perennial. Zones: 4-8
500 sds - $10.10 1,000 sds - $17.40 2,000 sds - $27.95 5,000 sds - $56.60 10,000 sds - $97.95 (30E0)
SAVORY

**40,000-66,000 sds/oz 65°-68° 14-21 days**

Sow in a well-drained, neutral to alkaline soil in full sun. Pick both leaves and flowers all summer to use fresh or dried.

**SUMMER - 7753**

12-18 in. - 40,000 S. Satureja hortensis. Heirloom. 60-70 days. Slender bronze green leaves and lilac tubular flowers. Aromatic mild peppery flavor. As a tea, will reduce fever, aid in digestion and soothe bee stings. Widely used as an herb in soups, stuffings, sausages and stews. One of the essential ingredients in Herbs de Provence (along with rosemary, thyme and oregano). Repels insects from the garden. Annual. Zones: 3-10

**SUMMER MIDGET - 7646**

10-12 in. - 66,000 S. Satureja hortensis. 60 days. Improved selection with higher essential oil content and better foliage mass than the standard. Compact variety and fast growing. Leaves are so tender they can be added fresh to salads or used as a garnish. Brings out the best in salsas and vegetable dishes and shines as a seasoning for roasting meats, fowl and fish. Bottled in vinegar it will preserve the fresh summery flavor. Annual. Zones: 3-10

**WINTER - 7765**

8-15 in. - 66,000 S. Satureja montana. Heirloom. 100 days. Flavor is more pungent and biting. Has a higher proportion of Thymol than Summer Savory. A great mixing herb said to bring all other herbs together in a unique taste. Add to meat, poultry or fish. Its small leaves are the perfect complement to herb cheeses or as last minute additions to sautées. Even though it has a strong flavor when fresh, it does not hold up well to prolonged steeping. Perennial. Zones: 4-8

**SWEET HERB - 7441**

26-36 in. - 83,000 S. S. rebaudiana. 100-120 days. A natural dietary supplement. Leaves are estimated to be 150 to 300 times sweeter than refined sugar. Add a fresh bruised leaf to iced tea or harvest the leaves, dry and grind to a powder for use in drinks and cooking. Many have said one small piece of the leaf will keep the mouth sweet for an hour. Perennial. Zones: 9-11

**STEVIA**

83,000 sds/oz 80°-85° 7-14 days

Germination of seeds tends to be spotty, so keep seed-sown plants under bright lights until the weather warms in spring. To maximize leaf production, you must trim back the plants several times to induce branching, first when plants are about 8 in. tall and again in early summer. You can use the leaves from the pinched-back stem tips or root them in moist potting soil to increase your supply. Consistent moisture is important during the summer. Harvest leaves in the morning after dew has dried. Leaves are crisp and bright green when fully dry.

**SWEET HERB - 7441**

**TARRAGON, RUSSIAN - 7784**

18 in. - 143,000 S. Artemisia dracunculoides. 85 days. Branching stems of narrow pointed, aromatic leaves. Sharp, licorice-like flavor. Very popular in French cuisine. Use to flavor gourmet vinegars and spice up salads, meat, poultry, fish, vegetables, sauces (main ingredient in bearnaise sauce), mayonnaise and omelettes. Ancient Greeks uses Tarragon to numb the mouth by chewing the leaves to relieve pain from toothaches. Traditional herbalists believe that Tarragon contains chemical Rutin that strengthens capillary walls and prevents plaque deposit associated with heart disease and strokes when taken as a tea. Perennial. Zones: 3-8

**TARRAGON**

**Dragons Wort**

143,000 sds/oz 40°-41 days

Grow in a pH range between 6.5 (neutral) and 7.5 (mildly alkaline) with a preferred pH of 6.5. Plants have a shallow root system, care must be taken not to damage the roots when weeding and special care must be shown during the winter after transplanting, as the root systems will not have developed fully.

**TARRAGON**

**Common Sorrel, Garden Sorrel**

25,000 sds/oz 50°-70° 15 days

Sow seed uncovered. Prefers a soil pH of 5.5 to 6.8. Be sure to keep any seed stalks cut.

**SORREL**

**SUMMER - 7780**

18 in. - 28,000 S. Rumex acetosa. Heirloom. 60 days. Salad and seasoning green with lemony tasting leaves. Medium-green, thick, large spinach-like leaves that easily snap off their succulent stems. The popular large leaved French type. Used in sauces, soups, gravies and salads. High in vitamin C. Perennial. Zones: 4-8

**SORREL**

**Ink Root, Marsh Rosemary**

30,000 sds/oz 55°-64° 10-20 days

Grows well in salty, windy and sandy conditions. Outdoors, grow in preferably sandy, well drained soil in full sun. Deadhead spent blooms to promote continued blooming. To dry the blooms, cut the flowers when the blooms are three-quarters open and hang upside down in a dark area.

**SEA LAVENDER**

**SEA LAVENDER - 7850**

24 in. - 30,000 S. Limonium latifolium. 100-110 days. Beautiful masses of tiny lavender-blue blossoms. The sprays should be picked when the majority of flowers are open and dried in an upright position. May be used as a fabric dye for a more natural means of coloring. Fresh or dried and used as a fabric dye. Indians used this as a tonic to control diarrhea and dysentery. Perennial. Zones: 4-9

**SAGE**

**SAGE (MULTI-SEED) - 8923MP**

18-24 in. - Salvia officinalis. Simply Herbs Collection. Fragrant greyish leaves are used fresh or dried for flavoring meats, dressings and sauces. PRECISION MULTI-SEED PELLET contains 6-10 seeds per pellet and assures a high level of uniformity of germination, making this a great variety for use in hydroponic systems. Zones: 4-8

**SAGE (continued)**

50 sds - $7.55 100 sds - $12.35
250 sds - $22.20 500 sds - $33.75
1,000 sds - $57.40

**SAGE (MULTI-SEED) - 8923MP**

**SAVORY**

**51 Heirloom varieties!**

**COLOR Pixie Tags thru 12/25 when you order $250.00 or more in plants & seeds.**

**$3.29 per 100**

**TOMATOES**

We inventory over 100 varieties of standard tomatoes and 51 Heirloom varieties!

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed.com | Herbs
**THYME**

Mother of Thyme, Creeping Thyme, Common Thyme, Garden Thyme

*147,000 sds/oz*  
*70°*  
*14-21 days*

Suitable for light (sandy) and medium (loamy) soils, prefers well-drained soil and can grow in nutritionally poor soil with a pH neutral and basic (alkaline) soils. Cannot grow in shade, prefers dry or moist soil. Easy to maintain, does not take over and can easily be confined to a specific area. Tolerates many soil types, including heavy clay. A versatile, low maintenance groundcover, uses in the garden are almost unlimited.

**SERPHELYLUM - 7786**

6-8 in. - 147,000 S. Thymus serpyllum. Heirloom. 90-95 days. Creeping, sweet scented foliage. Produces tiny pink to purple flowers. Versatile groundcover, use between stepping stones, near a patio adjoining walkways or at the base of a rockery for a sweet aroma. It is widely used in mouth washes and decongestants. For centuries, it has been used as an antiseptic, cough remedy and digestive aid. Used as a tea, it will aid patients with emphysema. Perennial. Zones: 4-8

- 1,000 sds - $7.25
- 2,000 sds - $8.60
- 5,000 sds - $13.90
- 10,000 sds - $21.65
- 25,000 sds - $42.90

**THYME (continued)**

**THYME (MULTI-SEED) - 8924MP**


- 50 sds - $7.55
- 250 sds - $22.20
- 1,000 sds - $57.40

**VULGARIS (SUMMER) - 7792**

6-12 in. - 116,000 S. T. vulgaris. (Summer Thyme). 90-95 days. Spicier, more pungent flavor than Winter Thyme in a smaller plant. Wonderful flower displays are much visited by bees. Makes an excellent tea (dry it first) that has strong antimicrobial and antitussive activity. Zones: 6-8

- 1,000 sds - $7.25
- 2,000 sds - $8.60
- 5,000 sds - $13.90
- 10,000 sds - $21.65
- 25,000 sds - $42.90

**VULGARIS (WINTER) - 7785**

18 in. - 100,000 S. T. vulgaris. Heirloom. (Winter Thyme). 90-95 days. Broad-leaved; widely used for seasoning. Helps digestion of fatty foods. For centuries, it has been used as an antiseptic, cough remedy and digestive aid. Used as a tea, it will aid patients with emphysema. Perennial. Zones: 5-8

- 1,000 sds - $7.25
- 2,000 sds - $8.60
- 5,000 sds - $13.90
- 10,000 sds - $21.65
- 25,000 sds - $42.90

**VALERIAN**

All Heal, Garden Heliotrope

*14,000 sds/oz*  
*65°-70°*  
*7-21 days*

Grow in fertile, weed free soil and fertilize accordingly. Barely cover the seeds (light helps but not direct sunlight). Germination rate is usually low, so a one-week soak in cold water that is changed for fresh daily or a cold stratification to increase germination can also be done. If growing for medicinal herb, cut flower stalks as soon as they appear to direct more energy to the root, but if growing as an ornamental, let the plant flower, as they have a sweet, cherry pie fragrance.

**VALERIAN - 7435**

$24 in. - 20,000 S. Valeriana officinalis. Heirloom. 500-550 days. Compact, bushy plant with fragrant red flowers that will bloom all summer. Fragrant flowers will attract bees and butterflies all season. Young leaves can be eaten in salads or as cooked greens. Roots and leaves are used to calm tension, relieve headaches, insomnia and migraines. Perennial. Zones: 3-9

- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**THYME**

(continued)

**THYME (MULTI-SEED) - 8924MP**


- 50 sds - $7.55
- 250 sds - $22.20
- 1,000 sds - $57.40

**VULGARIS (SUMMER) - 7792**

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All Heal, Garden Heliotrope

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*65°-70°*  
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**VALERIAN - 7435**

$24 in. - 20,000 S. Valeriana officinalis. Heirloom. 500-550 days. Compact, bushy plant with fragrant red flowers that will bloom all summer. Fragrant flowers will attract bees and butterflies all season. Young leaves can be eaten in salads or as cooked greens. Roots and leaves are used to calm tension, relieve headaches, insomnia and migraines. Perennial. Zones: 3-9

- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**THYME**

(continued)
For many of you, this is your favorite section! **Vegetables, Veggies, Edibles** or whatever you call them, have been expanding wildly over the last few years. So many customers are diving straight into your vegetable departments - whether that be HOT peppers, the biggest tomato, the best tasting tomato or just anything with Heirloom on it.

We are very excited about the additions and selections we have brought you over the past few years and below is just a few. Many of these new items were requests from YOU, the customer. WE do not claim to have any special powers over selection, but would rather give the customer what they want. Thanks for all of the help sorting thru your old and maybe new favorites.

Remember - more pictures are available online at [www.germaniaseed.com](http://www.germaniaseed.com) and we are working to make picture tags available for all of these items in bundles of 100. If you do not see what you need - always feel free to give us a call or send an email and we will try and source it for you.

Thank you again for your continued confidence and interest - we know you have many choices when placing your orders, **THANK YOU FOR YOUR BUSINESS!**

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**Seed Volume Discounts**

Do not miss your opportunity to EARN a bigger discount off listed prices. Discounts on SEEDS ONLY.

<table>
<thead>
<tr>
<th>Order Volume</th>
<th>Discount</th>
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<td>$250.01 to $500.00</td>
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<td>$500.01 to $750.00</td>
<td>18%</td>
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<tr>
<td>$750.01 to $1,500.00</td>
<td>20%</td>
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<tr>
<td>$1,500.00 and over</td>
<td>Call for details</td>
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We do NOT have a minimum order requirement

We do not have a minimum order requirement and all orders are appreciated and shipped the same day received. Due to the increased costs of order processing and shipping by United Parcel Service and the U.S. Mail, the minimum shipping charge is $7.80.

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**New Vegetables for 2020-2021**

- Beans Jade Bush (7514)
- Celery Tango (pelleted) (7562PE)
- Cucumber, Pickling Eureka (7642)
- Cucumber, Slicing Burpless Supreme (7648)
- Eggplant Asian Delite (7719)
- Eggplant Barbarella (Sicilian) (7718)
- Eggplant Classic (7688)
- Eggplant Epic (7492)
- Eggplant Fairy Tale (7493)
- Lettuce Inferno (pelleted) (7820PE)
- Lettuce Monte Carlo (pelleted) (7824PE)
- Lettuce Pomegranate Crunch (7827)
- Lettuce Valley Heart (7805)
- Lettuce, Simply Salad Pro San Mixture (8184MP)
- Lettuce, Simply Salad Pro Tatu Mixture (8185MP)
- Muskmelon, Cantaloupe Ambrosia (7840)
- Okra Burgundy (7868)
- Okra Jambalaya (7865)
- Parsley Giant Of Italy (7900)
- Pepper, Hot Caribbean Red (7947)
- Pepper, Hot Time Bomb (Cherry) (8168)
- Pepper, Sweet Peppi Grande Red (7971)
- Squash Autumn Frost (8052)
- Squash Turk’s Turban (8053)
- Squash, Zucchini Spineless Perfection (8055)
- Tomato Berkeley Tie-Dye Pink (8412)
- Tomato Biltmore (8504)
- Tomato Debut (8382)
- Tomato Heatmaster (8392)
- Tomato Summerpick (8398)
- Tomato Valleycat (8505)
**VEGETABLES**

**ARTICHOKE**
650 sds/oz  14 days
For the best germination, soak seeds in warm water for 4-6 days before sowing. Attractive, ornamental perennial with edible flower buds. Needs winter protection from severe freezing conditions. Herbalists believe artichokes are useful in treating indigestion, liver protective properties and cholesterol reducer.

**GREEN GLOBE - 7511**
80  650 S.  Large edible flower heads. Ferny thistle-like foliage is also useful in the landscape. Under ideal conditions they can be harvested the second year. Steam them and they are great for dipping in butter or sauces.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tr>
<td>100 sds</td>
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<td>2,000 sds</td>
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**ARUGULA**
ROCKET-ROQUETTE - 7782
12-18 in.  17,000 S.  Eruca sativa.  Heirloom. Tender smooth leaves with robust, peppery flavor. Cook mature leaves with other greens or use as a zesty accent in salads. An essential ingredient in the Provencal mixed greens or use as a zesty accent in salads. An essential ingredient in the Provencal mixed green, mesclum. Best when picked minutes before your meal. Annual.

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<tr>
<td>1,000 sds</td>
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<td>5,000 sds</td>
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<tr>
<td>25,000 sds</td>
<td>$42.90</td>
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**ARUGULA, SIMPLY SALAD**
ARUGULA-(MULTI-SEED) - 8190MP
30-45 days. Quick to establish and can be harvested at a young leaf size for a mild, nutty flavor. Leaves become spicy as they mature or are exposed to high temperatures. Upright type is perfect for bunching. Leaves have a mixture of lobes and smooth shapes that is perfect for salads or braising. PRESION MULTI-SEED PELLET assures a high level of uniformity of germination, making this a great variety for use in hydroponic systems.

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<td>250 sds</td>
<td>$22.20</td>
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<td>1,000 sds</td>
<td>$57.40</td>
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**ASPARAGUS**
1,500 sds/oz
For the best germination, soak seeds in warm water for 4-6 days before sowing. 1 oz. will produce 250 roots. About 1 oz. for 100 ft. row, when planting, space rows 18 x 24 in. About 2-3 lbs. per acre when direct seeding.

**MARY WASHINGTON - 7513**
1,500 S.  Developed by Dr. J. B. Norton, U.S. Department of Agriculture, for resistance to asparagus rust and considered the most desirable of the Asparagus family.

<table>
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<tr>
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<tr>
<td>500 sds</td>
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<td>2,000 sds</td>
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<tr>
<td>10,000 sds</td>
<td>$42.30</td>
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**BEANS**
100 sds/oz
Plant beans in rows 2 ft. apart. 1 lb. will plant 50 ft. row. Space 4 x 18 in. when direct seeding, about 75 lbs per acre.

**BUSH ROMA II - 7509**
85 S. 56 days. An attractive Romano bush bean that delivers savory kitchen garden flavor, tender pods, and impressive yields. Vigorous 20 in. plants produce large 6 in., medium-green, smooth, flat beans that are slow to develop seed or tough strings. That means a longer period of optimum eating quality. One of the very best canning white seeded Romanos.

**BUSH ROYAL BURGUNDY - 7507**
105 S. 55 days. This bean is absolutely gorgeous. Violet-purple outside and bright green inside. Fun for kids to grow and has great flavor. The 6 in. long pods turn green and delicious, the baby leaves are a rage in salads. The foliage color intensifies as the plant matures. Striking, both baby and full size. Roots show attractive candy-striped zoning when sliced.

**BEETS**
1,200 sds/oz  75°  15 days
For the best germination, cover seeds lightly after sowing. Space rows 18-24 in. apart. 4 ozs. for a 175 ft. row. About 10 lbs. per acre, when direct seeding. Beets are delicious, tops are excellent when cooked for greens. Beets are known to promote a diuretic washing action via the liver and kidneys. High in iron content that serves as a strong agent for flushing away fatty deposits and impurities.

**BUSH ROMANO**
Crop failure. As a substitute, we suggest Bush Roma II.

**TENDERGREEN - 7520**
70 S. 53 days. Bush habit, stringless. 6 in. pods are rich green and outstanding in tenderness and rich flavor. Ideal for canning or freezing. Disease resistant.

**YARD LONG BEAN - 7530**
200 S. 78 days. Graceful, 16-20 in. long, dark green pods. No bigger than the diameter of a pencil. Stringless, sweet, and richly flavored for steaming, curries and stir-fry. Use a tall trellis. Black seeds.

**JADE BUSH - 7514**
100 S. 53 days. Long attractive pods that are 6-7 in., slender, deep green and are exceptionally tender and delicious. Large, upright plants keep beans clean and straight. High tender heat and high yielding even under heat or cold stress. Organically grown seed.

**KENTUCKY WONDER - 7518**
75 S. (Old Homestead). Heirloom. 58 days. Green pole bean. 9 in. pods are oval, thick, gently curved, meaty and tender and stringless when young. Exceptional flavor. Delicious fresh, frozen or dried for shell beans.

**BEANS** (continued)

**JADE BUSH II**
Crop failure. As a substitute, we suggest Jade Bush.

**MARY WASHINGTON**
1,500 S. Developed by Dr. J. B. Norton, U.S. Department of Agriculture, for resistance to asparagus rust and considered the most desirable of the Asparagus family.

<table>
<thead>
<tr>
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<tr>
<td>1,000 sds</td>
<td>$9.80</td>
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<td>5,000 sds</td>
<td>$25.60</td>
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**TENDERGREEN**
70 S. 53 days. Bush habit, stringless. 6 in. pods are rich green and outstanding in tenderness and rich flavor. Ideal for canning or freezing. Disease resistant.

<table>
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<tbody>
<tr>
<td>1 oz.</td>
<td>$11.10</td>
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<tr>
<td>2 oz.</td>
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**YARD LONG BEAN**
200 S. 78 days. Graceful, 16-20 in. long, dark green pods. No bigger than the diameter of a pencil. Stringless, sweet, and richly flavored for steaming, curries and stir-fry. Use a tall trellis. Black seeds.

<table>
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<tr>
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<tbody>
<tr>
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<tr>
<td>1/2 oz.</td>
<td>$10.20</td>
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**BUSH ROMANO**
Crop failure. As a substitute, we suggest Bush Roma II.

<table>
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<tbody>
<tr>
<td>1 oz.</td>
<td>$13.85</td>
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<tr>
<td>2 oz.</td>
<td>$23.75</td>
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</table>

**BULBS BLOOD - 7512**
1,500 S. Heirloom. 35 days (baby leaf). 58 days (roots). Grown for its tender, sweet, deep red-burgundy foliage. Very sweet and delicious, the baby leaves are a rage in salads. The foliage color intensifies as the plant matures. Striking, both baby and full size. Roots show attractive candy-striped zoning when sliced.

<table>
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<td>1/4 oz.</td>
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</table>

1 oz.    | $13.85  |
2 oz.    | $23.75  |
4 oz.    | $38.55  |
**BEETS (continued)**

**DETROIT DARK RED - 7523**
2,000 S. Heirloom. 55 days. The most popular garden variety. Perfectly round 3 in. fruits have striking deep red flesh that's incredibly sweet. Baby beets make excellent eating and harvesting them helps promote the growth of the remaining beets.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>1/2 oz.</td>
<td>$7.25</td>
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<tr>
<td>1 oz.</td>
<td>$8.55</td>
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<tr>
<td>2 oz.</td>
<td>$13.90</td>
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<tr>
<td>4 oz.</td>
<td>$20.90</td>
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<tr>
<td>8 oz.</td>
<td>$45.85</td>
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</table>

**GOLDEN GLOBE - 7537**
1,900 S. 50-60 days. This specialty beet has round orange roots with a rich gold interior that will not bleed like the red type. The roots are becoming increasingly popular in the small beet bunching market. Tender green leaves with attractive yellow stems add color and flavor to a salad mix.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>1/4 oz.</td>
<td>$7.25</td>
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<td>1 oz.</td>
<td>$13.85</td>
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<tr>
<td>2 oz.</td>
<td>$23.75</td>
</tr>
<tr>
<td>4 oz.</td>
<td>$45.85</td>
</tr>
</tbody>
</table>

**BITTER MELON**
150 sds/oz 70°-75° 15 days
For the best germination, we suggest that before sowing, soak seed in warm water for 4-5 days, changing the water daily. Cover seeds lightly and maintain 75° soil temperature.

**LONG FRUITED - 7531**
150 S. 70 days. This is a Japanese variety climbing up to 12 feet and has yellow flowers. Fruits grow to 12 in. long and have a great wax coat. Young fruit, leafy shoots and leaves are all edible. Pick the fruit early for less bitterness. The young fruit works well in soups, especially with pork and black beans. Mature fruit is parboiled then used in stir-fry.

**SHORT FRUITED - 7541**
120 S. 40-55 days. (Karella). Indian Hybrid. Dark green skin with 6-8 in. fruits that are heavily warted. The spindle-shaped melons taper at both ends and overall they are narrower than a Chinese bitter melon. Growers prefer this variety for its early maturity and long-lasting generous yield.

**BROCCOLI (continued)**

**BROCCOLI**
6,000 sds/oz 70° 10 days
For the best germination, cover seeds lightly after sowing. Plants can be ready for sales about 4-5 weeks after seeding. Space plants 36 x 24 in. outdoors. About 1/4 oz. for a 100 ft. row or 2 lbs. per acre when direct seeding. Broccoli is very high in Vitamins A and C. Being a member of the Brassica (Broccoli and Cabbage) family, it is an excellent source of antioxidants that medical research suggests may prevent cancer.

**ARTWORK - 7544**
6,000 S. 55 days. (All America Winner - 2015). Grow your own baby (or stem) broccoli, a gourmet treat. Instead of focusing its energy on producing one large head, this will yield tender, dark green side shoots with bite-size heads and long, edible stems perfect for stir fries and sautéing. Pinch the main head when it reaches 1-1 1/2 in. to trigger side shoot formation. Harvest the smaller heads that follow when stems are 6-7 in. long. Plants should yield many side shoots throughout the growing season. Resists warm temperature bolting better than similar. A true broccoli bouquet.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>100 sds</td>
<td>$7.25</td>
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<tr>
<td>200 sds</td>
<td>$12.20</td>
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<tr>
<td>500 sds</td>
<td>$20.70</td>
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<tr>
<td>1,000 sds</td>
<td>$33.10</td>
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<tr>
<td>2,000 sds</td>
<td>$59.65</td>
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</table>

**ASPABROC - 7540**
4,000 S. 50-60 days. Resembles broccoli raab with an asparagus-like stem, mild tasting. Plants produce tiny broccoli heads plus 3-5 shoots in 10 days. Continues producing heads for 4 weeks. Famous new product in grocery stores and restaurants.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>50 sds</td>
<td>$8.30</td>
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<tr>
<td>100 sds</td>
<td>$14.20</td>
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<tr>
<td>250 sds</td>
<td>$26.15</td>
</tr>
<tr>
<td>500 sds</td>
<td>$40.30</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$69.20</td>
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</tbody>
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**CASTLE DOME - 7526**
4,500 S. 75 days. Used primarily for extra early crown cuts in late spring or early summer. Compact plants have good holding ability and offer good heat tolerance as well as cold vigor. Uniform, medium green, heavy and deep domed heads have small, tight heads. Good tolerance to hollow stem and Brown Bead.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>250 sds</td>
<td>$9.70</td>
</tr>
<tr>
<td>500 sds</td>
<td>$17.45</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$34.90</td>
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</table>

**DIPLOMAT - 7532**
9,000 S. (F-1 Hybrid). 75 days. Attractive blue-green heads with a small bead size make an excellent choice for the roadside and fresh market trade. Good heat and cold tolerance, and it produces uniform semi-domed heads.

**GYPSY - 7538**
7,500 S. (F-1 Hybrid). 91 days. Well-domed and uniform with a medium-small bead size and medium-sized stem. Large, healthy plants have intermediate resistance to downy mildew and good heat tolerance. Suitable for bunching or crown cut. Good side shoot production. For summer harvest.

**MARATHON - 7546**
4,000 S. (F-1 Hybrid). 97 days. Multi-use variety and widely adaptable. High dome, small bead and heavy head. A versatile variety which can be used in the garden for spring and autumn crops and though the winter.

**ROMANESCO - 7524**
6,500 S. 75-100 days. A preeminent Italian heirloom variety that was first documented in Italy in the 16th century. Crisp, beautiful apple-green wborled heads impart an altogether pleasing, nutty taste. Most often enjoyed raw, if lightly cooked, will retain its flavor and unique texture.

**GREEN SPROUTING - 7529**
7,000 S. 70 days. Heirloom. The flavor of this broccoli will make you never buy store-bought again. Plants bear good crops of 5-6 in. heads. Early, valuable all-season.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>1,000 sds</td>
<td>$7.25</td>
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<tr>
<td>2,000 sds</td>
<td>$14.10</td>
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<tr>
<td>5,000 sds</td>
<td>$28.60</td>
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**ARCADIA**
Crop failure. As a substitute, we suggest Marathon.
BRUSSEL SPROUTS
7,000 sds/oz  70°  10 days
Same culture as Broccoli. Sow in March and again in mid-June for fall crop. For the best germination, cover seeds lightly after sowing. Space 36 x 18 in. outdoors, about 1-1/2 lbs per acre when direct seeding.

JADE CROSS - 7533
5,500 S. (F-1 Hybrid). (All America Winner - 1959). 85 days. Is early, has excellent color and is very productive. An outstanding variety.

<table>
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<tr>
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<tbody>
<tr>
<td>250 sds</td>
<td>$9.70</td>
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<tr>
<td>500 sds</td>
<td>$17.45</td>
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<tr>
<td>1,000 sds</td>
<td>$26.60</td>
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<tr>
<td>2,000 sds</td>
<td>$45.35</td>
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<tr>
<td>5,000 sds</td>
<td>$94.25</td>
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LONG ISLAND - 7534
8,000 S. 90 days. The most popular, they yield amazing amounts of sweet, medium-sized heads. Sweeter after temperatures fall below freezing. Good Keeper.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>500 sds</td>
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<tr>
<td>1,000 sds</td>
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<td>$25.60</td>
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<td>10,000 sds</td>
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CABBAGE (CHINESE CABBAGE)
10,000 sds/oz  75°-80°  5-10 days
Sow from early spring through midsummer. In the South, greens are well adapted to fall plantings. Sow 15 seeds/ft., 1/4 in. deep in 2 in. wide bands in rows 18 in. apart. Thin plants to 6 in. for mini heads, 8-12 in. for full-sized heads. Harvest before flowering. For baby-leaf, sow in a 2-4 in. wide band sow 60 seeds/ft. Clip 4-5 week-old leaves.

BLUES - 7624
9,500 S. (F-1 Hybrid). 57 days. Napa type. Green leaves with white ribs. Produces good yields of 4 1/2 lb. size heads. Slow to bolt. Perfect for spring and early summer crops.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>500 sds</td>
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<tr>
<td>1,000 sds</td>
<td>$13.55</td>
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<tr>
<td>2,000 sds</td>
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<tr>
<td>5,000 sds</td>
<td>$41.10</td>
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<tr>
<td>10,000 sds</td>
<td>$70.15</td>
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RED CHOI - 7608
10,000 S. (F-1 Hybrid). (Pac Choi). 45 days. An attractive touch of red. Quick growing dark green baby leaves mature to dark maroon tops with green undersides and green petioles at full size. Excellent at micro green, baby leaf and full size.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>250 sds</td>
<td>$7.25</td>
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<td>500 sds</td>
<td>$11.75</td>
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<td>1,000 sds</td>
<td>$16.95</td>
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<td>2,000 sds</td>
<td>$27.70</td>
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<tr>
<td>5,000 sds</td>
<td>$55.55</td>
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</table>

CABBAGE
7,000 sds/oz  70°  7-10 days
For the best germination, cover seeds lightly after sowing. Sow in March. Grow cool after transplanting. Space plants 18 in. apart in rows 3 ft. apart. Never plant cabbage in the same location 2 years in a row. About 1/4 oz. for a 100 ft. row or 2 lbs. per acre when direct seeding. Cabbage is high in Vitamin C and Potassium. Being a member of the Brassica (Broccoli and Cabbage) family, it is an excellent source of antioxidants that medical research suggests may prevent cancer. To keep the smell of Cabbage out of your kitchen when cooking or boiling Cabbage, add several stalks of Celery to the pot.

CHARMANT - 7604
5,000 S. (F-1 Hybrid). 66 days. Suited for close plantings, forming solid, 3-4 lb., blue-green heads that are 6-8 in. across. They will stand for weeks in the garden without splitting. Great for slaw or kraut, especially good with a bit of lemon juice and roasted pine nuts tossed with melted butter.

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<tbody>
<tr>
<td>250 sds</td>
<td>$8.55</td>
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<tr>
<td>500 sds</td>
<td>$14.60</td>
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<td>1,000 sds</td>
<td>$21.85</td>
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<td>2,000 sds</td>
<td>$36.55</td>
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<tr>
<td>5,000 sds</td>
<td>$74.95</td>
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</table>

COPENHAGEN MARKET - 7633
7,000 S. Heirloom. 67 days. Good for early market, home garden or kraut.

DANISH BALLHEAD - 7634
7,000 S. Heirloom. 105 days. Large, solid round heads. Best late variety.

EARLY JERSEY WAKEFIELD - 7635
5,000 S. Heirloom. 62 days. Solid, pointed or conical heads. Very early and uniform strain.

GOLDEN ACRE RESISTANT - 7623
7,000 S. Heirloom. 65 days. An excellent early summer variety. Small to medium-sized green round solid heads on compact plants with few outer leaves. 3 lb heads. Ideal for confined areas.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1,000 sds</td>
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<tr>
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<tr>
<td>10,000 sds</td>
<td>$21.65</td>
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ORDER ONLINE at germaniaseed.com
Place your Seed or Plug order 24 hours a day, 7 days a week
CARROT
18,000 sds/oz
1 oz. will plant 100 ft. row. 3-1/2 to 4 lbs. per acre. Sow as early as the ground can be worked, sow direct in rows 12-18 in. apart. Make successive plantings until August 1st. About 2-3 lbs. per acre when direct seeding. Carrot fly can be a nuisance insect. If a problem every year; grow Herb, Sage nearby to repel the insects. The brighter the orange color, the higher the level of Beta Carotene and vitamins. Breeders began developing orange carrots about 400 years ago - before that time, they were purple and considered undesirable! A study at Harvard Medical School found that Beta Carotene found in carrots, pumpkin, squash and red peppers can reduce the risk of stroke by 68%. Also known to reduce the risk of smoking related cancers, lowering the blood pressure and preventing constipation.

ATOMIC RED - 7578
22,000 S. 75 days. Distinctively beautiful scarlet-coral color. Produces long tapered roots, around 9 in. in length. Crisp and strong flavored when eaten raw and especially good cooked when it develops its remarkable color and flavor. Turns deeper red when steamed, roasted or baked. Particularly suitable for stir-frying and great for coloring up sushi and salads. The hue comes from the anti-oxidant lycopene which is highly regarded as a cancer-preventing nutrient. The more color the higher the content of beta-carotene and vitamins.

BAMBINO - 7579
37,000 S. 63 days. Produces slender, cylindrical blunt roots with a very small core. Sweet tasting, with smooth skin and crisp texture. Deep orange color develops at an early stage. Best pulled when only 4-6 in. in length. Perfect for container growing. Baby carrots are extremely versatile, simply wash in cool water and they are ready to eat or cook. Delicious in salads or served as cut-up, glazed, baked, steamed or stir-fried. Particularly popular with children because of their sweet taste and small size.

COSMIC PURPLE - 7580
32,500 S. 70 days. This one is causing excitement at farmers markets. Bright purple skin and flesh that comes in shades of yellow and orange. Spicy and sweet-tasting 7 in. in length roots.

NANTES SCARLET - 7550
17,500 S. 65-74 days. Cylindrical, half long, 7 x 1.25 in. bright red-orange flesh, fine grained and nearly coreless. Fine flavor, sweet and brittle. Colors up early for baby carrots, for bunching, freezing or storage. Excellent juicer.

RAINBOW BLEND - 7583
26,000 S. 60-75 days. Unique combination of color and taste sensations. A mixture of Atomic Red, Cosmic Purple, Lunar White and Solar Yellow.

CAULIFLOWER
7,000 sds/oz 70* 10 days
For the best germination, cover seeds lightly after sowing. Sow February-March. Culture is the same as for cabbage. Handle in plant bands or peat pots. Space 18-24 in. Begin using cauliflower as the heads fill out, otherwise the quality will diminish. They love fertilizer and are heavy feeders. About 1/4 oz. for 100 ft. row or 1-1/2 lbs. per acre when direct seeded.

EARLY SNOWBALL - 7555
6,000 S. (Burpeeana Super Snowball A). Heirloom. 55 days. Large, 2 lb. pure white solid heads.

SELF BLANCHING - 7558
8,000 S. 65 days. Pure white 3 1/2 - 4 lb. well shaped heads with a fine texture.

SNOW CROWN - 7551
5,000 S. (F-1 Hybrid). (All America Winner - 1975). 50 days. Early and vigorous growing snowball type. Head is well rounded, very smooth pure white, weighing about 2 lbs. and of excellent quality. Ideal for fresh or frozen market use.

SQUASH, CUCURBITA MAXIMA

CHERVIL
25,000 sds/oz 60° 10 days
1/2 oz. for a 100 ft. row. Germinates slowly and grows slowly until plants are 2 in. tall. Thin to about 5 in. apart.

DOUBLY CURLED - 7568
14,000 S. Heirloom. 120 days. Gourmet type parsley with a mild, sweet anise flavor. Popular for salads, micro greens and garnishing.

Chicory. Also see listing of Radicchio under Vegetables.

CHICORY
25,000 sds/oz
1/2 oz. for a 100 ft. row. Plant as early as possible. Thin plants to 6 in. apart. About 1 lb. per acre if direct seeded.

WITLOOF OR FRENCH ENDIVE - 7571
20,000 S. (Frisee). Heirloom. 45 days. Easy to grow. Makes an appetizing salad. Medium sized heads are extra frilly, deep hearted, self blanching with compact growth habit.

CRESS, SIMPLY SALAD

CRESS-(MULTI-SEED) - 8191MP
40-60 days. Rosette-forming plants with no stem roots stay in a neat, tidy bunch for many weeks before flowering. Leaves have a great lobe shape and spicy flavor perfect for salads or braising. PRECISION MULTI-SEED PELLET assures a high level of uniformity of germination, making this a great variety for use in hydroponic systems.

CELEIRAC - 7564
60,000 S. (German Root Celery). Heirloom. 100 days. A white fleshed knobby root that grows to the size of a softball. Excellent flavor, between Celery and Parsley. Used for flavoring in salads, soups, dressings, etc.

GIANT PASCAL - 7561
64,000 S. Heirloom. 105 days. Standard green pascal type celery. Very productive.

GOLDEN SELF-BLANCHING - 7563
80,000 S. Heirloom. 90 days. Stocky, solid, thick stalks blanch easily. Vigorous growing with upright medium green foliage. The roots are round smooth and have good inner quality with high yields.

TALL UTAH - 7565
100,000 S. 90-100 days. he most dependable variety ever. ark green stalks and a very compact habit. This open pollinated variety yields vigorous, stocky plants with thick, solid, tender yet crisp stalks. Each of the above: 5,000 sds - $8.10 10,000 sds - $11.65 25,000 sds - $21.45 50,000 sds - $38.55

TANGO (PELLETED) - 7562PE
New for 2020 80 days. Pascal type. Early, very heavy yield with extremely smooth stalks. Some field tolerance to Fusarium. Excellent eating quality, tender and sweet.

COLLARDS
7,000 sds/oz 70* 10-14 days
1/2 oz. for a 100 ft. row. Rows should be spaced 18 x 24 in. when direct seeding, about 3-4 lbs. per acre.

GEORGIA - 7649
6,250 S. 70 days. Non-heading, juicy blue-green wavy leaves will stand light freezing which improves the cabbage-like flavor. Excellent for salads or braising. Medium sized heads are extra frilly, deep hearted, self blanching with compact growth habit.

NEW ITEM THIS YEAR

113
## Cucumbers

### Cucumber, Burpless (continued)

**BURPLESS BUSH - 7664**

- 900 S. 55 days. Compact, bush habit. 10 in. dark green, firm fruit. Sweet, bitterfree fruits for those who want a compact plant without the after taste. Disease resistant.
  - 100 sds - $7.25
  - 200 sds - $10.70
  - 500 sds - $17.70
  - 1,000 sds - $27.85
  - 2,000 sds - $49.55

**SUMMER DANCE - 7643**

- 1,500 S. 60 days. Japanese Burpless. Best known for its extremely uniform fruit. Fruits are 9 in. long and more than 1 in. in diameter that are very straight with fine white spines on their glossy skin. Incredibly crisp with a sweet, mild and refreshing flavor. Grows vigorously and delivers a high yield from its many lateral vines. Highly resistant to downy mildew and powdery mildew, it has an intermediate resistance to corynespora blight and target spot. Monoecious flowering habit (plants produce both male and female flowers).
  - 25 sds - $7.55
  - 50 sds - $12.35
  - 100 sds - $17.70
  - 250 sds - $33.75
  - 500 sds - $56.20

**SUMMER TOP - 7680**

- 1,000 S. (F-1 Hybrid). 65 days. This is a Japanese burpless variety that produces an abundance of uniform glossy, deep green fruit. 8 1/2 to 9 in. in length, with a diameter between 1 and 1 1/4 in. Highly resistant to both powdery mildew and downy mildew.
  - 50 sds - $9.10
  - 100 sds - $15.95
  - 250 sds - $46.90
  - 500 sds - $80.95

**SUYG LONG - 7703**

- 900 S. 65 days. A traditional variety from China that offers an abundance of delicious, burpless and crispy fruits. Growing to 16 in. long on vigorous vines, the sweet ribbed fruits can be picked at any stage from very young to fully mature. Perfect for eating fresh or for pickling. Grow it on a trellis for more straight fruits.
  - 250 sds - $7.25
  - 500 sds - $11.75
  - 1,000 sds - $16.95
  - 2,000 sds - $27.70
  - 5,000 sds - $55.55

### Cucumber, Pickling

**CUCAMELON (MOUSE MELON) - 7656**

- 9,000 S. Melothria scabra. 60 days. Diminutive oval melons look like miniature watermelons and are surprisingly crunchy, with a refreshing tart taste that is great for pickles, stir fries, and fresh salads. Very attractive ornamental vines are ideal for growing on a trellis. Also known as Mexican Sour Cherkins are virtually carefree, have good disease resistance and are extremely easy to grow. Very heavy yields.
  - 50 sds - $9.30
  - 100 sds - $17.70
  - 500 sds - $49.55

**EUREKA - 7642**

- New for 2020 57 days. Developed for hand harvesting and the trellising trade. Strong, vigorous plants set good yields of uniform, firm, white spine, dark green 3 in. fruits. Intermediate resistance to mosaic virus and Powdery mildew, making it an excellent choice in regions that are heavily affected by these diseases. If you want a pickle with a good disease resistance package, you’ve found it!
  - 50 sds - $8.10
  - 100 sds - $16.20
  - 500 sds - $24.30
  - 1,000 sds - $38.50
  - 2,000 sds - $59.70

## New for 2020

- **TASTY GREEN - 7705**
  - 1,000 S. (F-1 Hybrid). 62 days. Incredibly tender skin. Dark green with shallow ridges and small white spines. Flesh is crisp, juicy and delicious. The fruits are 9 in. long, arising on vigorous vines that are resistant to Powdery Mildew and Downy Mildew. A favorite for taste.
    - 100 sds - $7.65
    - 250 sds - $13.75
    - 500 sds - $22.40
    - 1,000 sds - $48.85
    - 2,000 sds - $75.55

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**CUCUMBER, PICKLING (continued)**

**HOMEMADE PICKLES - 7670**

1,000 S.  55 days.  Bush type.  This variety was developed for the home gardener and home pickling use.  A heavy producer of solid, crisp pickles.  Can be harvested when 2 in.  long or full maturity at 5 in.  A very high yielding variety.  Over an eight week period, ten plants yielded about 450 fruits or an average of 45+ fruits per plant.

- 250 sds - $8.55
- 1,000 sds - $21.85
- 2,000 sds - $36.55

**GHERKING - 7657**

1,300 S.  (F-1 Hybrid).  50-55 days.  Produces high yields of early maturing, cylindrical, dark green, 3-5 in. fruits with white spines.  Large yields allow for harvest of bitter-free fruit which can be picked at multiple sizes for processing or fresh eating whole or sliced.

- 50 sds - $9.10
- 250 sds - $30.20
- 1,000 sds - $80.95

**PARISIAN GHERKIN - 7665**

1,250 S.  (F-1 Hybrid).  (All America Winner - 2015).  50 days.  Excellent mini fruits can be picked either at the midget size or small pickling stage and processed.  The numerous black spined fruits can also be enjoyed fresh in salads and slaws.  Crisp, sweet flavor processes into pickles well.  The semi vining plants can be planted in the garden or staked patio cucumbers.  Very easy to grow disease resistant variety, well adapted to container gardens or raised beds.

- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55

**PICKLING - 7675**

1,000 S.  Heirloom.  58 days.  Good medium dark green fruit 6 1/2 x 2 1/2 in. in diameter.  Highly productive vigorous vine.  Excellent black spined variety for home or commerical pickling.  Disease resistant.

- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**CUCUMBER, PICKLING (continued)**

**CUCUMBER, SLICING (continued)**

**BURPLESS SUPREME - 7648**

- New for 2020.  55 days.  Fruits are very smooth and sweet.  The skin is not bitter, and the entire fruit can be eaten without peeling.  These heavy yielders should be picked when 3-5 in. long.

- 100 sds - $9.30
- 500 sds - $29.65
- 2,000 sds - $89.90

**DIVA - 7676**

1,000 S.  (F-1 Hybrid).  (All America Winner - 2002).  58 days.  Distinctly tender, crisp, sweet, bitter-free and seedless fruit.  Foliage is nonbitter, hence it is not as attractive to cucumber beetles as some varieties.  This variety can set fruit without pollination.  Plants naturally produce only female flowers which increase their overall yield of large, sweet and genetically non-bitter 6-8 in. fruits.  Especially flavorful when harvested small.  Disease resistant.

- 100 sds - $8.10
- 500 sds - $23.70
- 2,000 sds - $69.70

**EMPERATOR - 7679**

850 S.  (F-1 Hybrid).  55 days.  Thin, smooth skin and crunchy texture.  The 6 in. fruits are medium to dark green and glossy, with a slight rib and nearly spineless.  Sweet in flavor, makes it great for salads and sandwiches, no need to peel.

- 50 sds - $9.10
- 250 sds - $30.20
- 1,000 sds - $80.95

**FANFARE**

Crop failure.  As a substitute, we suggest Gateway.

**GATEWAY - 7644**

1,000 S.  50-55 days.  A very vigorous plant which produces beautiful, dark green fruits that are 8 1/2 - 9 in. long.  Good disease resistance and easy to grow.

- 50 sds - $7.55
- 250 sds - $22.20
- 1,000 sds - $57.40

**LEMON APPLE - 7674**

1,000 S.  Heirloom.  60 days.  Vigorous and productive variety that produces fruits about the size and color of a lemon.  Flesh is crispy white, sweet, and burpless.  Use the tops for salads or pickling.  Fruits are ripe when first starting to turn yellow, but can be used green or ripe.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**MARKETMORE 76 - 7677**

1,000 S.  66 days.  Dark green fruits are 8 in. long and 2 1/2 inch in diameter.

- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**NEW ITEM THIS YEAR**
CUCUMBER, SLICING (continued)

MARTINI - 7702

1,000 S. (F-1 Hybrid). 55-60 days. White to very light green exterior. Very tender skin when harvested at 5-6 in. No peeling needed. Larger fruit will need to be peeled. Bitter-free. Very crunchy. Skin does not yellow as it matures.

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<td>$17.70</td>
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<td>500 sds</td>
<td>$56.20</td>
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SPACEMASTER 80 - 7660

850 S. 57-64 days. Dark green, smooth slender cylindrical uniform 7-8 in. fruits. Compact, dwarf plant 36 in. vines with no runners. Adaptable to a wide range of climates. Scab and cucumber mosaic virus resistant. Bush habit.

<table>
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PATIO SNACKER - 7659

1,000 S. 40 days. Controlled, yet vigorous, variety produces short, branching vines that make it a great fit into gardens or planters. Can be sold in large containers with a small trellis, and works as well in pack/pot programs. The dark green skinned, 8 inch long by 1-1/2 inch wide fruit has good flavor, crunchy texture and non-bitter peel. Free flowering, monocious plants are high yielding with continuous harvests. Short crop times for multiple Spring turns.

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DILL

Anethum graveolens

10,000 sds $60–65* 15 days

For the best germination, cover seeds lightly after sowing. Darkness will help germination. About 1/2 oz. for a 100 ft. row. A favorite seasoning with many uses. For over 3,000 years Dill has been used as a digestive aid. It helps relax the muscles of the digestive tract and act as an antifoaming agent in preventing the formation of intestinal gas bubbles and in controlling diarrhea.

DILL (MULTI-SEED) - 8921MP

12-24 in. - Anethum graveolens. Simply Herbs Collection. MULTI-SEED PELLET contains 8-14 seeds per pellet.

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BOUQUET - 7885

30 in. - 14,000 S. 40-60 days. Early flowering selection with large seed umbels and mid to dark green foliage. Flowers are edible. Seeds flavor pickles: leaves enhance salads, soups, omelets and vegetables.

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VIERLING - 7671

36-48 in. - 19,000 S. 75 days. Late flowering strain. Mostly grown as a florist product due to its upright growth and attractive greenish flowers. Strong stems with feathery dark, bluish green finely cut foliage. Multi-branched plants produce an abundance of stems, easy to grow annual. Late flowering strain. For fresh or dried use.

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<td>50,000 sds</td>
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We inventory over 5,500 varieties of seed - Our selection is unmatched!!!

All seed orders are shipped the same day received...most within 4 hours! ORDER ONLINE at germaniaseed.com

Place your Seed or Plug order online, 24 hours a day, 7 days a week
EGGPLANT
6,000 sds/oz  80*  14 days
Sow February-March for plant sales. Space 18 x 24 in. Requires warm house and bottom heat for the best germination. About 1/4 oz. for a 100 ft. row or 2 lbs. per acre when direct seeding. For the best taste and flavor, pick before interior seeds are fully mature.

ASIAN DELITE - 7719
New for 2020 (F-1 Hybrid). 50-55 days. Slender, 9-12 in. elongated fruits are glossy with bright purple skin and white, tender, non-bitter flesh. Upright and semispineless. Fruits can be sliced lengthwise for grilling or lightly frying and tender skin does not need to be peeled. Sliced or diced fruit is great for a stir-fry or curry; its non-bitter flavor and tender texture will complement any sauce. Great in an in-ground garden or large container.
50 sds - $9.10  250 sds -  $30.20
1,000 sds - $80.95  (26C0)

BARBARELLA (SICILIAN) - 7718
New for 2020 7,000 S. 65 days. Unique squat shape that is round with slightly grooved sides. Fruits are medium size measuring about 4-6 in. in diameter. The outer skin is glossy with a deep purple hue and when ripe forms a tender white halo under its purple calyx. The inner flesh is dense and a creamy white color and offers a mild nutty flavor with a slight sweetness.
50 sds - $9.80  250 sds - $34.25
1,000 sds - $92.80  (26C0)

BLACK BEAUTY - 7716
7,000 S. Heirloom. 80 days. Solanum melongena var. esculentum. Excellent market type. Dark purple fruits, broad egg-shaped. Bushy spreading 24-30 in. plant with 4 to 6-inch purplish black smooth oval 6.5 x 5 inch diameter fruit, blunt & broad at blossom end, retains color well. Average fruit is 1-3 lbs. holds well, high quality, fine flavor, yields well in the North if the season is long.
1,000 sds - $7.25  2,000 sds - $14.50
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (3180)

BLACK BELL - 7711
4,500 S. (F-1 Hybrid). 68 days. Widely adapted variety with good production results. Superior round-oval shape and deep glossy purple color. Disease resistant.
25 sds - $9.80  100 sds - $26.65  500 sds - $90.85
250 sds - $53.45  (2500)

BLACK SHINE - 7682
6,500 S. (F-1 Hybrid). 65-70 days. Asian type. Deep purple, nearly black long slim 8 oz. fruits with purple calyx. Skin is tender and glossy. Extra early maturity, very prolific, long shape with thicker neck than Millionaire. Mild flavor, great for every eggplant use from grilling, to stir fries, and even an easy to serve Eggplant Parmigiana. Productive and reliable.
100 sds - $7.25  200 sds - $14.50
500 sds - $17.70  1,000 sds - $27.85
2,000 sds - $49.55  (28A0)

CLASSIC - 7688
New for 2020 (F-1 Hybrid). 76 days. Teardrop shaped, green calyxed fruit are the size and shape well known in markets. Fruits are 8-9 in. The glossy, deep purple-black color is preferred by customers and its erect, vigorous plants supports heavy yields of high quality fruit.
50 sds - $9.10  250 sds - $30.20
1,000 sds - $80.95  (26C0)

EPIC - 7492
New for 2020 65 days. Glossy black, premium quality fruits are oval, 3-6 1/2 in. with only a very small blossom scar.
100 sds - $7.25  250 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  (28B0)

FAIRY TALE - 7493
New for 2020 8,500 S. (F-1 Hybrid). 49-51 days. Attractive 2-4 in. long mini fruits are white with violet/purple stripes and a green calyx. Wonderful flavor with no bitterness and very few seeds. Some fruits are harvested in clusters.
25 sds - $8.30  50 sds - $14.20
100 sds - $20.70  250 sds - $40.30
500 sds - $67.75  (25B0)

GRETEL - 7683
8,000 S. (F-1 Hybrid). (All America Winner-2007). 55 days. This petite plant with its beautiful, mini white fruit can be grown in beds or large containers. Produces many little elongated-teardrop shaped fruits. Harvest fruit when small for the most tender skin, the fewest seeds and sweetest flavor. The fruits are glossy white, have a green calyx and will set in clusters. Excellent sliced for grilling or sauteed.

HANSEL - 7684
7,800 S. (F-1 Hybrid). (All America Winner-2007). 55 days. The stunning, glossy, dark-purple fruits are borne in finger-like clusters and display a contrasting, bright-green calyx color. Great for smaller gardens. An abundance of fruit is produced so be prepared to bake, broil, stew, or grill these tender non-bitter fruits.

LITTLE FINGERS - 7491
6,000 S. Heirloom. 70-80 days. Solanum melongena var. esculentum. Dark purple productive Italian type, with a green calyx. Slender and cylindrical fruit is mildly flavored. Plants at 22-38 inch with 8 to 10 in. x 2.5 in. diameter fruits, producing 4 or more per plant. This variety dates back to the 1850’s in America. A classic Italian eggplant, best when harvested young. Wonderful for adding to stir fry or any eggplant dish.
1,000 sds - $7.25  2,000 sds - $10.40
5,000 sds - $18.45  10,000 sds - $30.10
25,000 sds - $61.85  (3180)

NIGHT SHADOW - 7706
5,500 S. (F-1 Hybrid). 75 days. Large, 4-7 in., teardrop fruits. Glossy black in color with a reduced blossom end scar. Fruit remains very firm at maturity. Similar to Epic in size. Widely adapted with high yield potential.
100 sds - $8.10  200 sds - $13.55
500 sds - $23.70  1,000 sds - $38.35
2,000 sds - $69.70  (28C0)

ORIENT EXPRESS - 7691
48 in. - 6,500 S. (F-1 Hybrid). 58 days. Slender, glossy black Asian type fruits are 8-10 in. long with thin skin, mild flesh and delicate flavor. It matures very quickly and sets fruit in a wide range of temperatures, which makes harvests last even longer. Enjoy these grilled, roasted or stir-fried.
50 sds - $8.30  100 sds - $14.20
250 sds - $26.15  500 sds - $40.30
1,000 sds - $69.20  (28B0)

PATIO BABY - 7697
5,400 S. (F-1 Hybrid). (All American Winner - 2014). 75-80 days. Very early and highly productive with a compact habit. Deep purple, egg-shaped fruit should be harvested at baby size of 2-3 inches and weighing 2 oz. Delicious roasted or in dips and salads. Thornless leaves and calyxes allow for painless harvesting that makes it child-friendly. A great choice for containers or in the garden.
25 sds - $7.55  50 sds - $12.35
100 sds - $17.70  250 sds - $33.75
500 sds - $56.20  (25A0)

EGGPLANT (continued on next page)
**EGGPLANT** (continued)

**PINSTRIPE - 7714**
6,000 S. (F-1 Hybrid). 60-65 days. Unusual light purple fruits with streaks of white. This is an Italian variety that will produce a 4-5 oz. fruits. Especially bred for container gardens. Basal branching habit.

- 25 sds - $9.80
- 50 sds - $17.75
- 100 sds - $26.65
- 250 sds - $53.45
- 500 sds - $90.85

**PROSPEROSA (SICILIAN)**
Crop failure. As a substitute, we suggest Barbarella (Sicilian).

**ROSA BIANCA - 7692**
6,000 S. 70-85 days. Lovely and delicious Italian heirloom. Rose-lavender with white shading, the fruits of this beautiful heirloom are large, round and 5-6 in. long. With a mild, non-bitter flavor, the fruits robust shape is ideal for slicing, baking or roasting. Very low number of seeds.

- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65

**TURKISH ORANGE - 7888**
10,000 S. 65-85 days. A unique, brilliant 3 in. orange fruit, sweet and fragrant when freshly cut. Best eaten once fruits are tennis ball-sized or when slightly orange with green striping. Great when stuffed.

- 500 sds - $7.65
- 1,000 sds - $11.70
- 2,000 sds - $17.55
- 5,000 sds - $33.40
- 10,000 sds - $56.25

**TYCOON - MILLIONAIRE - 7715**
5,000 S. (F-1 Hybrid). 59 days. Ichiban Improved. A definite improvement over Ichiban with a smaller seed cavity. Shiny, medium purple fruit is shaped long (8-10 in.) and very slim (1-1/4 in.), similar to a cucumber. Adaptable for slicing, frying and baking. Heavy producer.

- 100 sds - $7.25
- 200 sds - $10.70
- 500 sds - $17.70
- 1,000 sds - $27.85
- 2,000 sds - $49.55

**WHITE STAR - 7695**
6,000 S. 75 days. Classic, tapered, teardrop shape and white fruit that are sweeter and less bitter than the purple types. The 5-7 inch long fruit are smooth when mature and measure 2 in. at the top and 3 1/2-4 in. at the bottom. The tall, vigorous plants are high yielding and provide good coverage to the fruit.

- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65

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**Tomatoes**

We inventory over 100 varieties of standard tomatoes and 51 varieties of Heirlooms!
KALE (continued)

SCARLET BOR - 8204
36-40 in. - 10,500 S. 50-60 days. Very uniform and vigorous, with vivid show stopping dark red color. Decorative, dark green, red veined leaves which show more color as colder weather approaches. The stalks, when harvested regularly, produces generous yields of large sturdy and tightly, heavily curled leaves. Pretty in the flower garden or on the plate. Rich in nutrition and flavor.

250 sds - $7.25  
1,000 sds - $16.95  
5,000 sds - $55.55  
(29A0)

STORM MIXTURE (MULTI-SEED) - 8186MP
Simply Salad Collection. Includes varieties that deliver an attractive assortment of textures and colors, including purple, green and blue. Both edible and ornamental lasts longer in the container than lettuce and will not bolt. Cool night temperatures will bring out rich colors in the foliage. Cut the lower leaves and leave the heart for repeat harvesting. PRECISION MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet and assures high level of uniformity of germination, making this a great variety for use in hydroponic systems.

25 sds - $7.75  
100 sds - $17.70  
500 sds - $56.20  
(25A0)

WHITE RUSSIAN - 8201
24 in. - 9,500 S. 50-60 days. The most cold-hardy and moisture resistant ever grown. A pale Siberian variety brings tender sweet flavor to either gourmet baby greens or full-sized leaves. Gently lobed, slender-leafed variety with a gray-green base and white veins. Flavorful and succulent even at a very young age. Makes a great choice for kitchen gardens and gourmet dining. Though tasty eaten raw in salads can be blanched first, then used in soups, stews, casseroles and side dishes.

500 sds - $7.25  
2,000 sds - $14.10  
10,000 sds - $42.30  
(30A0)

KOHLRABI
6,000 sds/oz 70° 7 days
For the best germination, cover seeds lightly after sowing. Darkness will help germination. 1/2 oz. will plant a 100 ft. row; 3-5 lbs. an acre in 18 in. rows, when direct seeding. For the best flavor, harvest when plants are young.

EARLY PURPLE VIENNA - 7733
10,000 S. 55-69 days. Purple skinned bulbs with greenish white flesh. Small tops. Slightly larger and later than Early White Vienna.

EARLY WHITE VIENNA - 7732
8,000 S. Heirloom. 55 days. Mild creamy white flesh; when cooked has a more delicate flavor than turnips. Edible bulb grows above the ground and should be eaten when young (2-2 1/2 in. across). The combination of green and red makes an attractive ingredient to the liver and spleen. Is high in iron and magnesium. Will add color and texture to apple pies. No more than eight in. tall and one of the earliest to mature. A nutty flavor, walnut like Romaine and sweet like Butter, but with the combination of Butter and Romaine. Crisp, delicate flavor than turnips. Edible bulb grows above the ground and should be eaten when young (2-2 1/2 in. across). For the best germination, cover seeds lightly after sowing. Darkness will help germination. 1/2 oz. will plant a 100 ft. row; 3-5 lbs. an acre in 18 in. rows, when direct seeding. For the best flavor, harvest when plants are young. 

WINNER - 7560
5,300 S. (F-1 Hybrid). 54 days. Produces very smooth, light green leaves that grow to be about 18 oz. in weight. Its vigorous, upright plant has a fresh, fruity taste. Good holding ability. While the leaves are still young and tender, they can be cooked like kale or collards.

LEEK
10,000 sds/oz
1 oz. will plant a 100 ft. row; 2-3 lbs. an acre in rows 18 in. apart. About 3-4 lbs. per acre when direct seeding.

BROAD SCOTCH - 7796
7,000 S. London Flag. Heirloom. 75 days. Thick, straight necks. A close relative within the Allium family, popular since ancient cultivation. A welcome addition to sauces, gravy and soups. The addition of leek to any dish will add depth of flavor.

LETTUCE (continued)

BLACK SEEDED SIMPSON - 7811
25,000 S. Heirloom. 40 days. Leaf type. An old reliable lettuce that remains on of the most tender and delicately flavored. Slow to bolt and very dependable. Leaves are large, but lightly crispy and ruffled.

BUTTERCRUNCH - 7825

DUET DA TAGLIO MIXTURE - 7818
34,000 S. 50 days. Leaf Type. Two for the cutting! This duo mixture of Salad Bowl (Green) and Salad Bowl (Red) will brighten up all your summer salads. A crisp and tender variety where the leaves can be picked a few at a time whenever they are required. The combination of green and red makes an attractive and useful edging to the vegetable plot or even the flower garden.

GREAT LAKES - 7816
26,000 S. (All America Winner - 1944). Heirloom. 82 days. Head/iceburg type. Large heads with crisp, well-folded and fine-flavored leaves. Very well adapted to hot and adverse conditions. 

INFERNO (PELLETED) - 7820PE
New for 2020. 75 days. Romaine type. Outstanding dark green color. Head is very tall, narrow and slightly blistered leaves. Small framed, open habit makes for the perfect upright variety for hearts. Good bolting resistance and tip burn tolerance. Great versatility from the desert to the coast.

LITTLE GEM - 7823
20,000 S. Heirloom. 50 days. (Bibb type). A small lettuce often decrived as a combination of Butter and Romaine. Crisp like Romaine and sweet like Butter, but the texture and the flavor are still its own. No more then eight in. tall and one of the earliest to mature. A nutty flavor, walnut in particular and a sweetness that is more reserved. Works well in mixed salads and in sandwiches. A classic use for this is to cut in half lengthwise and serve each half, dressed as a salad, also separated leaves can be used for dipping, the ruffled texture will pick up any dip or dressing.

BIBB FORCING - 7822
29,500 S. Heirloom. 60 days. Bibb type. Fine flavor, dark green leaves, firm and tender. Good for forcing.

BIBB (continued on next page)
Simply Salad

Lettuce (continued)

Storm Mixture (Multi-Seed) - 8186MP
Simply Salad Collection. Includes varieties that deliver an attractive assortment of textures and colors, including purple, green and blue. Both edible and ornamental lasts longer in the container than lettuce and will not bolt. Cool night temperatures will bring out rich colors in the foliage. Cut the lower leaves and leave the heart for repeat harvesting. PRECISION MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet and assures a high level of uniformity of germination, making this a great variety for use in hydroponic systems.

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Alfresco Blend - 8187MP
Red and green leaf lettuces with arugula, endive and radicchio give a true Mediterranean flavor and look. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

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CITY GARDEN BLEND-(MULTI-SEED) - 8188MP
Traditional mix of red and green lettuces that are easy on the palate. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

GLOBAL GOURMET BLEND-(MULTI-SEED) - 8189MP
Red, green and purple leaf lettuces and Asian greens make a mix of Asian flavors great in salads or stir-fry. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

PRO SAN MIXTURE - 8184MP
New for 2020. A mix of Asian greens which include mizuna and komatsuna. Leaves have attractive lobed and serrated leaf shapes in bright purple and green shades. Classic flavor is perfect for salads or braising. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

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PRO TATU MIXTURE (MULTI-SEED) - 8185MP
New for 2020. A mix of Asian mustard and komatsuna greens. Leaves have attractive lobed and frilled leaf shapes in deep purple and bright green shades. Spicy flavor is perfect for salads and braising. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

STORM MIXTURE (MULTI-SEED) - 8186MP
Simply Salad Collection. Includes varieties that deliver an attractive assortment of textures and colors, including purple, green and blue. Both edible and ornamental lasts longer in the container than lettuce and will not bolt. Cool night temperatures will bring out rich colors in the foliage. Cut the lower leaves and leave the heart for repeat harvesting. PRECISION MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet and assures a high level of uniformity of germination, making this a great variety for use in hydroponic systems.

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ALFRESCO BLEND - 8187MP
Red and green leaf lettuces with arugula, endive and radicchio give a true Mediterranean flavor and look. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

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WONDER WOK BLEND-(MULTI-SEED) - 8193MP
A delicious mix-up of tasty Asian greens which contains mustards, kale and bok choy, these greens are prime candidates for salads, stir fries and braising. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

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SUMMER PICNIC BLEND-(MULTI-SEED) - 8192MP
The freshest and most flavorful salad greens you’ll ever eat are those you harvest from your own backyard. This scrumptious blend includes 5 varieties of red and green gourmet baby lettuce. MULTI-SEED PELLET which will include multiple seeds of each variety in one easy to sow pellet.

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LETTUCE (continued)

MERLOT (DARK RED) - 7819
21,000 S. 55 days. Leaf type. Striking, deep red, almost purple frilly leaves. Very crisp and open headed leaf type that stands upright with a waxy shine that makes an ideal salad lettuce at every stage. A real eye-catcher in the garden and one of the darkest you can grow. Very high in antioxidants and bitter-free.

MATES MIXTURE - 7807
26,000 S. (Bon Vivant Blend). 25 days. Contains only Lettuce varieties: Oak Leaf, Paris Island, Prizehead, Red Sails, Salad Bowl, and Simpson Elite. Mesclun is a French term for a mixture of tender, young red and green lettuce leaf varieties. Shake each package before sowing, to provide a balanced blend, begin harvesting in 3 weeks by trimming off the tops of the young plants.

MONTE CARLO (PELLETED) - 7824P
● New for 2020 46 days. Romaine type. Dark green, compact romaine for mini and full-size heads. Unique growth habit with savoyed leaves forming in a whorl.

OAK LEAF - 7813
31,000 S. Heirloom. 45 days. Leaf type. Early variety that can be harvested after 30 days as micro greens. Bright green leaves. Slow to bolt. Heat resistant.

PARIS ISLAND COS - 7826
42,000 S. Heirloom. 70 days. Romaine type. Tall, compact, dark-green plant. Slightly curly leaves with creamy-white hearts. Good bolt resistance, crisp, sweet flavor and high disease resistance.

POMEGRANATE CRUNCH - 7827
● New for 2020 45 days. Romaine type. This petite lettuce is a cross between a romaine and a butterhead, with small, dense heads with cherry red leaves and light green hearts with a splash of red. The leaf ribs are very clean and uniform.

RED SAILS - 7810
21,000 S. (All America Winner - 1985). 45 days. Leaf type. Loose-leaf type with an open head forming a full center. Crinkled leaves are a bronze-red color containing nutritional vitamins A and D.

SALAD BOWL RED - 7901
27,500 S. 50 days. Leaf type. Large upright, long deep lobed bronze leaves with bronze-red inner blanched leaves. Good keeper and decorative. Slow to bolt for long harvest.

SALAD BOWL GREEN - 7815
34,000 S. (All America Winner - 1952). 50 days. Leaf type. Large, bright green leaves. Early variety, tolerant of summer heat without becoming bitter.

ROUGE DE HIVER
Discontinued. As a substitute, we suggest Romaine Red.

SANDY - 7808
33,000 S. (All America Winner - 1985). 30 days baby leaf. 50 days full maturity. Oakleaf type. A multitude of sweet tasting, frilly dark green leaves. Not just pretty and tasty. Exceptional disease resistance, especially to powdery mildew and is slow to bolt. Use as a cut and come again baby leaf, or grow to full maturity for loose salad heads. The uniformly mounded loose heads are well adapted to both raised beds and containers. When planted with cool season flowers, it will add an abundance of interesting texture to patio containers. Organically grown seed.

VALLEY HEART - 7805
● New for 2020 75 days. Romaine type. Tall plants produce large, slightly savoyed, green leaves. Good tolerance to cold, heat and bolting. This multi-use variety is perfect for salads, hearts and full heads.

WINDSOR RED - 7816
25,000 S. (Bon Vivant Blend). 25 days. Contains only Lettuce varieties: Oak Leaf, Paris Island, Prizehead, Red Sails, Salad Bowl, and Simpson Elite. Mesclun is a French term for a mixture of tender, young red and green lettuce leaf varieties. Shake each package before sowing, to provide a balanced blend, begin harvesting in 3 weeks by trimming off the tops of the young plants.

MOUSE MELON (CUCAMELON) - 7834
9,200 S. Melothria scabra. 60 days. Diminutive oval melons look like miniature watermelons and are surprisingly crunchy, with a refreshing tart taste that is great for pickles, stir fries, and fresh salads. Very attractive ornamental vines are ideal for growing on a trellis. Also known as Mexican Sour Cherkins are virtually carefree, have good disease resistance and are extremely easy to grow. Very heavy yields.

AMBROSIA - 7840
● New for 2020 (F1 Hybrid). 86 days. A molt in your mouth petite melon. Fruits are 6 in., pale orange in color and offer a sweeter flavor with a slight floral nuance and a more juicy consistency than the common cantaloupe. When ripe it will have a sweet melon aroma and the blossom end will be slightly soft to the touch.

MUSKMELOM, CANTALOupe - 800 sds/oz 80° 10 days
1 oz. seed will plant 50 hills; 3 lbs. per acre. Rows should be about 2 ft. apart with hills 4 ft. apart in the row. About 1/2 oz for 100 ft. row. Plant Radishes between the rows to repel Cucumber beetles. For the sweetest melons - about 2 weeks before the melons should ripen, start withholding water. This is called “water stress” and the frantic vines will pour sugar into the fruits to sustain them. A melon is ripe when the first leaf on the stem turns pale and begins to brown.

MUSKMELOM, CANTALOupe (continued on next page)
MUSKMELON, CANTALOupe (continued)

BURPEE HYBRID - 7831
1,000 S. (F-1 Hybrid). 82 days. The heavily netted fruits are distinctly ribbed, round to slightly oval, averaging 7 in. long, 6 in. across and weigh 4 to 4 1/2 lbs. Flesh is deep orange, thick, firm, juicy and one of the most delicious flavor. Vines are vigorous growing and produce good early yields of large fruited melons.

Each of the above: (25C0)
25 sds - $9.10
50 sds - $13.95
100 sds - $23.70
250 sds - $46.90
500 sds - $79.30

GODDESS - 7829
1,200 S. (F-1 Hybrid). 68 days. Unlike many early melons where quality and flavor are sacrificed for earliness, this one is one of the best looking highest quality melons on the market, yielding 4 to 6 lb. eastern-type fruits that are oval-shaped with fine netting. The golden-orange flesh is thick, juicy and extra sweet with wonderful flavor and aroma. It comes with a powerful disease resistance package, too, so yields are plentiful.

25 sds - $8.30
50 sds - $14.20
100 sds - $20.70
250 sds - $40.30
500 sds - $67.75

HALE'S BEST JUMBO - 7833
1,000 S. 85 days. Thick, salmon flesh. Oval shaped fruit, heavy netting. 3 1/2 to 5 lbs. each. 60-70 days. The most beautiful melons on the market. Vigorous plants, exceptionally uniform with deep green midribs and narrow stems. A large fruited melon.

Each of the above: (31A0)
25 sds - $1.40
50 sds - $2.45
100 sds - $4.10
250 sds - $8.60
500 sds - $15.30

PRIDE OF WISCONSIN - 7832
950 S. Heirloom. 90-100 days. Produces heavy yields of 4-8 lb. ribbed and netted fruits. Large with excellent sweet flavor and bright orange flesh. Lovely melon aroma with very little musky aftertaste. Originally grown for the Milwaukee markets in the 1920’s.

25 sds - $8.55
50 sds - $14.60
1,000 sds - $21.85
2,000 sds - $36.55
5,000 sds - $74.95

MUSTARD
15,000 sds/oz  70°  10 days
1 oz. will plant a 200 ft. row. Space plants 6 in. apart in rows 12 in. apart. About 4 lbs. per acre.

EARLY MIZUNA - 8212
16,500 S. 60 days. Very prolific branching habit and cold tolerance. It vigorously produces as many as two hundred stems with serrated leaves. Mild and tasty when young, it adds a nice flavor to salads and becomes only mildly mustardy when mature making it ideal for braising or steaming. Can be harvested over a fairly long period.

Slow to bolt. (3A4A)
5,000 sds - $8.10
10,000 sds - $11.65
25,000 sds - $21.45
50,000 sds - $38.55

GIANT RED - 8210
14-18 in. - 17,000 S. 70-80 days. An attractive, flavorful and oversized mustard. Leaves are maroon in color with light green midribs and narrow stems. Slow to bolt and extremely winter hardy. Widely used as a fall ornamental variety.

GREEN WAVE (TENDERGREEN) - 7863
12,500 S. (All America Winner - 1957). Heirloom. 42 days. Longest standing, dark green curled mustard. When mature, will stand a long time before going to seed.

Each of the above: (3A4A)
5,000 sds - $8.60
10,000 sds - $13.90
25,000 sds - $25.80

Okra.
Also see listing under Flowers.

OKRA
400 sds/oz  65°-70°  7-10 days
For the best germination, soak seed 5 days before sowing. 1 oz. of seed per 50 ft. row. Pick the pods when they are young and not too large. About 8 lbs. per acre. The pods will offer excellent flavor in soups, stews and other relishes. It can also be used alone as a vegetable.

BURGUNDY - 7868
New for 2020 500 S. 50-65 days. Green leaves with burgundy stems, leaf ribs, and branches. The burgundy-colored 6-8 in. long pods turn green when cooked. Used as a thickening agent in Cajun gumbo, but it also can be boiled, fried, roasted, broiled, steamed, canned or pickled. Use dried pods in flower arrangements, also has attractive, edible flowers.

250 sds - $7.25
500 sds - $11.75
1,000 sds - $16.95
2,000 sds - $27.70
5,000 sds - $55.55

CLEMSON SPINELESS 80 - 7859
450 S. (All America Winner - 1932). 50-64 days. Still the most popular open-pollinated variety on the market. Vigorous plants, exceptionally uniform with deep green ribbed and spineless pods. Harvest when 3 in. long.

500 sds - $7.25
1,000 sds - $9.80
2,000 sds - $14.10
5,000 sds - $25.60

Order Now to Save!
Order by 9/30 - Ship by 11/2
Receive an extra 30% discount
Your price is $2.59 per 100 tags

Order by 10/31 - Ship by 12/21
Receive an extra 25% discount
Your price is $2.86 per 100 tags

Order by 12/25
Receive an extra 10% discount
Your price is $3.29 per 100 tags

MINIMUM ORDERS
We do NOT have a minimum order requirement!
All orders are shipped the same day received!
OKRA (continued)

GREEN FINGERS - 7860

500 S. (F-1 Hybrid). 50-55 days. Compact and spineless with deep, glossy green leaves which produces an abundant crop of 3-4 in., upward pointing fruits. Grows best in the heat on free draining soil. A novel which will produce fruit when only 15 in. tall. Ideal for production in a protected space or in the heat of Summer.

100 sds - $9.10 200 sds - $18.20 1,000 sds - $80.95

(26CO)

JAMBALAYA - 7865

New for 2020  50 days. Super quick, very productive and delicious. Tender-meaty pods are 4-5 in. long, nicely tapered and very evenly sized. Compact, just the right size for the home gardener. Great for canning or pickling them whole.

100 sds - $9.85 200 sds - $19.70 1,000 sds - $120.25 2,000 sds - $239.50

(28FO)

PEAS

About 1,000 S. per lbs. 2 lbs. for a 100 ft. row. Plant in rows 20 in. apart. About 100 lbs. per acre when direct seeding.

LITTLE MARVEL - 7922

100-150 S. 64 days. The most satisfactory pea in the average home garden. Very productive, hearty, luscious and sugary.

OREGON SUGAR POD II - 7852

110 S. 65 days. Very productive Snow Pea with 3-4 in. long, 1/2 in. wide edible pods that are sweet and crispy. The shorter vines can be grown without support. Seed treated with Captan.

SUGAR SNAP - 7923

100-150 S. (All America Winner - 1979). 70 days. The entire pod can be eaten when fully mature. The pod flesh is thick and tender and filled with very sweet, delicious peas.

Each of the above: (29A0) 250 sds - $7.25 500 sds - $13.75 1,000 sds - $25.00 2,000 sds - $49.95

ONION

8,000 sds/oz  65°-70°  10 days

For selling onion plants in flats, seed 7-10 seeds per in. of row and 1 1/2 to 2 in. apart in row about 6 weeks before offering the plants for sale. Short day length varieties like Bermuda and Sweet Spanish have been particularly good sellers. An oz. will plant a 100 ft. row; 3-4 lbs. an acre in rows 18 in. apart. If plants start to stretch, they can be cut back for dense growth. Darkness will help germination. Many customers have inquired about the health advantages on Quercetin. Quercetin is the onion chemical that fights the formation of blood clots and may protect you from elevated levels of cholesterol. It is found in the yellow and red onions, but almost none in white onions and only in some forms of garlic. To stop the itching and stinging of a bee or mosquito bite, rub the area with an onion. Eating raw onions will help flush fat from the body and lower cholesterol. Herbalists used raw onions to treat dysentery and other hot climate diseases. George Washington ate a hot, roasted onion before he went to bed whenever he had a cold. Be kind to your eyes - place raw onions in the freezer for 30 minutes before cutting and this will eliminate tearing.

CANDY - 7882

7,000 S. (F-1 Hybrid). 100 days. A day neutral variety producing early maturing jumbo onions, golden-straw colored, with a sweet, mild flavor.

1,000 sds - $7.25 2,000 sds - $14.50 5,000 sds - $36.25

EVERGREEN LONG WHITE BUNCHING - 7873

9,500 S. Heirloom. 100 days. Long, silvery white stalks. Does not form bulbs under moist conditions.

250 sds - $7.25 1,000 sds - $28.75 2,000 sds - $53.50

RED BURGUNDY - 7878

8,000 S. 95 days. Red Burgundy. Smooth, glossy skin, purplish-red in color. Flesh is white with pink shading near the skin. Good keeper. Short day.

SWEET SPANISH, UTAH STRAIN - 7874

9,000 S. (Yellow Sweet Spanish). 115 days. Yellow skin. 5 in. across globe-shaped, quite mild, sweet flesh. Long day, good keeper.

TEXAS GRANO 1015 - 7881

9,000 S. 168 days. Large, sweet flavored globe shaped variety with light yellow flesh. High yielding and a good keeper. Good keeper. Short day.

ONION (continued)

VIDALIA - 7880

8,000 S. 80 days. Very sweet with light yellow flesh and oblate in shape. High yielding variety with consistently uniform production. Short day.

WALLA WALLA SWEET - 7883

6,500 S. Heirloom. 110 days. Very sweet and juicy variety. Popular with home gardeners everywhere.

WHITE SWEET SPANISH - 7875

7,000 S. 110 days. White skin, 5 in. across globe shaped. Quite mild, sweet white flesh. Good keeper. Bunching type.

Each of the above: (31B0) 1,000 sds - $7.25 2,000 sds - $14.50 5,000 sds - $38.00 10,000 sds - $56.00

PARSLEY

10,000 sds/oz  75°-80°  5-10 days

1/4 oz. for a 100 ft. row. Seed 9-10 weeks before offering plants for sale. Transplant pots 15-21 days after seeding. For the best germination if you are direct seeding, freeze seed 3-5 days and soak in warm water 3-5 days before sowing. Cover seed lightly; darkness will help germination. About 3 lbs. per acre when direct seeding. Ideal as a garnish or in soups or salads. Fresh Parsley is a breath aid and natural diuretic. Add to tea, it will relieve the pain from rheumatism. Early herbalists believed this herb to aid kidney problems, high blood pressure, fluid accumulation, and a substitute for quinine to treat malaria. It is very high in Vitamins A and C.

EXTRA CURLED DWARF OR

Moss Curled - 7899

12-15 in.  - 14,000 S. Heirloom. 70 days. Finely curled, compact, dark green; very productive.

1,000 sds - $7.25 2,000 sds - $12.50 5,000 sds - $31.50 10,000 sds - $63.00

GIANIT OF ITALY - 7900

New for 2020  18-20 in.  - 15,000 S. 75 days. Italian flat leaf. Huge dark green leaves with great flavor. Strong, upright stems makes for one of the bestparsleys for fresh market sales. Very high yielding.

1,000 sds - $7.25 2,000 sds - $14.50 5,000 sds - $34.75 10,000 sds - $69.50

HAMBURG ROOTED - 7895

19,000 S. (Arat, Parsley Root). 90 days. Root 8-10 in. long, parsnip-like, used for flavoring. Leaves plain, deeply cut, hollow stem.

PLAIN (SINGLE OR ITALIAN) - 7896

13,000 S. Heirloom. 72 days. Plain, deep cut, dark green leaves with a rich strong flavor.

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**PEPPER, HOT**

4,000 sds/oz  75°  10-15 days

For quick germination, soak 3-4 days in water before sowing. Sow 6-7 weeks before outdoor planting. Transplant 10-15 days after seeding. Germinate seed warm. Hot peppers and the capsicum oil in hot peppers can not be neutralized by water. Wash hands or rinse mouth in vinegar to alleviate discomfort in an emergency. Bread, bananas, pasta, or potatoes will alleviate any burning sensation. Never touch your face or eyes after handling hot peppers. (Warm growing temperatures develop the hottest peppers). Hot peppers are rated by their Scoville level. (The higher the number, the hotter the Pepper). The rating we list is for normal, moderate conditions. Peppers grown under stress, high temperatures and high humidity will be 10-15 times hotter after drying. Hot or Chili Peppers will help relieve respiratory problems, prevent blood clots, help lower cholesterol, will speed up metabolism and lower the risk of heart related problems. Keep in mind that most of the “super hot” peppers should be allowed 20-30 days germination.

**AJI RICO - 8156**

6,000 S. (F-1 Hybrid). (All America Winner - 2017). 50-55 days. First of its kind that matures early for short-season production or early summer enjoyment. The large plant produces many thin-walled crunchy fruits which have a narrow conical shape. Fruits mature from green to red and can be eaten at any stage. Fruits are 3-4 in. by 1 1/4 to 1 3/4 in. The name refers to chili in South America. These fruits have a refreshing citrus flavor and warm heat level, perfect for eating fresh or cooking into salsas or hot sauces. Simply incorporate the desired number of seeds from the pepper to add some heat, also dries well for a flavorful homemade paprika.

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**BASKET OF FIRE - 8081**

6,500 S. (F-1 Hybrid). 90-95 days. A prolific fruiting variety which is dripping with small hot fruits on a compact, leafy, semi-trailing plant. The fruits mature from deep purple through cream and orange to mature to a bright red. Unique plant habit makes it a perfect choice for hanging baskets or containers. Good tolerance to cooler weather lasting well into autumn. Harvested fruits are easy to dry as well as being ideal for fresh use. 80,000 Scovilles.

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**BIG JIM (NUMEX) - 8161**

6,000 S. (F-1 Hybrid). 75-80 days. The largest of the Chili peppers, with medium-hot fruits measuring 10-12 in. long and weighing up to 4 oz. Excellent for Chile Rellenos. Sturdy 24-36 in plants yield 24-30 pods per plant which tend to ripen all at the same time. 1,500-2,500 Scovilles.

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**BULGARIAN CARROT - 7547**

4,000 S. 65-68 days. Compact, 18-inch plants. Fruits are 2 to 3 1/2 in. long and carrot shaped. Ripens from green to fluorescent orange with a fruity favor that finishes hot. Thin-walled fruits grow in clusters close to the stem. Perfect for roasting, pickles, and salsas.

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**CAROLINA REAPER - 8157**

6,000 S. (AKA HP22B). 70-90 days. VERY HOT. Better described as the demon pepper child that was invented by man. There is nothing normal about this pepper. Fruits are red and has a gnarled, lumpy pot with a tail like a scythe. It was bred for heat and that is it. Oddly enough this pepper has excellent sweet and fruity flavor, that is right before the heat kicks in. Keep in mind that most of the “super hot” peppers like this should be allowed 20-30 days germination. 1,500,000+ Scovilles.

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**ANAHEIM - 7945**

Chile type. 3,000 S. 77 days. Very pungent. Long, tapered dark green fruits 7 in. long by 1 1/2 in. wide turning red when ripe. Popular in Chili Rellenos. Also known as the New Mexican Chile, this medium hot fruit is deep green but turns red at full maturity. Excellent used fresh, dried or frozen. 3,000 Scovilles.

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PEPPER, HOT (continued)

CARIBBEAN RED - 7947
● New for 2020
80-100 days. Habanero type.
Fruits are 1-2 in. long, featuring wrinkly, bright red skin and a lantern or bell-like shape. 445,000 Scovilles.

- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55

CAYENETTA - 8027
8,500 S. (F-1 Hybrid). (All America Winner - 2012). 90 days. A cayenne type chili pepper, bred specially for containers. This compact plant stays small, but branches beautifully and sets masses of 4-inch tapered fruit. Garden height of 10-inches and garden spread of 20-24 inches, excellent foliage cover to prevent the fruits from scorching. The tapered fruit emerges bright green, then ripens to rich, glossy red. Always a winner in taste contests, it has a crunchy bite that combines mild heat with good juiciness and succulence. Even first time gardeners can be successful!

- 20,000 Scovilles.
- 10 sds - $7.65
- 50 sds - $22.40
- 500 sds - $75.55

CAYENNE (LONG SLIM RED) - 7952
4,500 S. Heirloom. 70 days. Cayenne type. Long skin, 6 x 1/2 in. green fruits turning red when mature. Slender, twisted, elongated peppers are fiery hot. An essential ingredient in many spicy foods, they can be used fresh or dried. Green fruits mature to red. For pickles, canning or drying. 5,000 Scovilles.

- 500 sds - $7.25
- 1,000 sds - $13.75
- 2,000 sds - $25.60

CHILE DE ARBOL - 7905
7,250 S. 80 days. Cayenne type. Narrow, curved chiles that start out green and mature to bright red. Very hot and resembles a small Cayenne pepper. Be careful during preparation, these are the ones that are dried after turning red and used in many holiday wreaths. 15,000-30,000 Scovilles.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $42.30

CHILTEPIN - 8025
Chile type. 6,500 S. 90 days. Very hot miniature chili pepper. Don’t be fooled by the unassuming size of these pea-like, 1/2 in. fruits—they pack a wallop! 100,000-250,000 Scovilles.

- 250 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

FLAMING FLARE
Discontinued. As a substitute, we suggest Big Jim.

FLAMING JADE - 8165
Serrano type. 5,000 S. 75 days. (F-1 Hybrid). (All America Winner-2016). Plants consistently yield sets of large, 4 in. long, firm 3/4 oz. fruits throughout the entire growing season, especially in cooler climates. Compared to Jalapenos, these Serrano peppers lend an extra kick of heat to sauces, salsas and pico de gallo. Perfect for container gardening. Excellent resistance to 3 races of Bacterial Leaf Spot.

- 3,000 Scovilles.
- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

FATALII - 8078
Habanero type. 8,000 S. 95 days. Plant produces good yields of 2 1/2 in. wrinkled hot peppers. Fruity, citrus flavor with a searing heat that is comparable to the standard habanero. Fruits are extremely hot! Pale green fruits mature to a bright yellow. Because of such flavor and heat it makes for a unique hot sauce that usually compromises of other citrus flavors like lime and lemon. The walls are very thin which makes it very easy to dry. After drying they can be crushed to be used as powders. 125,000-325,000 Scovilles.

- 100 sds - $7.25
- 500 sds - $20.70
- 2,000 sds - $59.65

EMERALD FIRE - 8049
3,000 S. (F-1 Hybrid). (All America Winner - 2015). 90 days. Jalapeno type. A grill masters delight. Extra large and very tasty. Perfect for stuffing, grilling or using in salsas. Produces gorgeous, glossy green peppers with thick walls that have very little cracking, even after maturing to red.

- 2,500 Scovilles.
- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

EL JEFE - 8034
Jalapeno type. 3,500 S. (F-1 Hybrid). 75 days. Jalapeno type. Pronounced EL-HEF-AY, which means The Chief. Produces heavy yields of 3 1/4 in. long by 1 1/2 in. wide fruits. Fruits turn from glossy dark green to dark red when mature. This is a heavy producing plant that provides a continuous supply of peppers all year. Most often used when green. Excellent in salsas, salads, vegetable dishes and making hot pickles.

- 5,000 Scovilles.
- 50 sds - $9.10
- 100 sds - $15.95
- 500 sds - $46.90
- 1,000 sds - $80.95

PEPPER, HOT continued on next page
**PEPPER, HOT (continued)**

**FRESNO CHILE - 7908**
4,500 S. 75-80 days. Fresno type. Produces good yields of 3 in. long by 1 1/4 in. wide hot peppers. Fruits turn from green to red when mature. Excellent for roasting, pickling, or for making salsa. Tobacco Mosaic resistant. 5,000-10,000 Scovilles.

- 500 sds - $8.30
- 1,000 sds - $13.55
- 2,000 sds - $20.95
- 5,000 sds - $41.10
- 10,000 sds - $70.15

**GHOST PEPPER - JOLokia - 8162**
6,500 S. (F-1 Hybrid). 95 days. C. chinense. VERY HOT! Many consider this variety to be the hottest available. Green peppers ripening to a red, yellow orange and chocolate color are 2 to 3-inches long and 1-inch wide. The rough, dented fruit is very unique and abundant under the best of conditions. This variety should not be taken lightly as the fruits are astonishing in their scoville and heat rating. They should not be eaten by themselves and care should be used when handling. A prized variety for the hot pepper gardener! This variety is associated with many common names including Bhut Jolokia, Naga Jolokia, Ghost Chili. Keep in mind that most of the “super hot” peppers like this should be allowed 20-30 days germination. 950,000+ Scovilles.

- 10 sds - $8.60
- 25 sds - $16.60
- 50 sds - $27.60
- 100 sds - $43.10
- 250 sds - $95.25

**GIANT RISTRA - 8061**
Chile type. 4,300 S. (F-1 Hybrid). (All America Winner - 2014). 80 days. Heavy yield of bright red very hot 7 in. chile peppers. Has the appearance of a Marconi but the spicyness of a Cayenne. Fruits can either be consumed fresh, roasted or diced and used as a herb. As it name states it can be strung together in long bunches and dried and displayed and used throughout the winter months. Makes a very attractive large container plant. 30,000-50,000 Scovilles.

- 50 sds - $8.30
- 100 sds - $14.20
- 250 sds - $26.15
- 1,000 sds - $69.20

**HABANERO ORANGE - 7984**
Habanero type. 7,000 S. 90-100 days. The original and most common of the Habanero varieties. Blazing hot fruit is excellent for sauce production and blending. The wrinkled fruit taper to a point and measure 2 in. by 1 in. The thin flesh is light green to orange-pink at full maturity. One of the hottest peppers, excellent for chili or homemade salsa. Fruit and seeds can be used fresh or dried as seasoning for foods. 200,000-350,000 Scovilles.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**HABANERO PRIMERO RED - 8152**
Habanero type. 10,000 S. (F-1 Hybrid). 75-80 days to full ripe. 60-65 days to green. The earliest ripening habanero you can grow! Harvest lots of lantern-shaped fruit that ripen from green to bright red. Great for fresh salsa or cooking. Fruits have about 1/3 the heat of a standard habanero, letting you appreciate the rich flavor.

- 25 sds - $9.10
- 50 sds - $15.95
- 100 sds - $23.70
- 250 sds - $46.90
- 500 sds - $79.30

**HABANERO RED - 7980**
Habanero type. 8,000 S. 100 days. A high yielding variety of 2 in. long by 1 1/2 wide wrinkled fruits. Fruits are extremely hot and turn from green to shiny red when mature. 350,000-575,000 Scovilles.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**HOT SUNSET - 7914**
Banana type. 4,500 S. (F-1 Hybrid). (All America Winner - 2015). 85 days. For banana or wax pepper lovers who desire a prolific and earlier harvest of delicious and spicy fruits. Elongated banana fruit that finishes with a point. Large, healthy, vigorous plants are disease free and produce tasty and attractive fruits all season long. Great prepared fresh, grilled, roasted or pickled, it’s sure to win over even the most particular foodie. 650 Scovilles.

- 25 sds - $8.30
- 50 sds - $14.20
- 100 sds - $20.70
- 250 sds - $40.30
- 500 sds - $67.75

**HUNGARIAN YELLOW WAX BANANA - 7956**
Banana type. 4,500 S. (Hungarian Hot Banana). Heirloom. 70 days. Tapering 6 in. x 1 1/2 in. long fruit is yellow, turning red when mature. Banana-shaped fruit starts out yellow and turns red when ripe. Perfect for pickling. Plants are strong and upright. 4,000 Scovilles.

- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

**FRESNO CHILE - 7908**
4,500 S. 75-80 days. Fresno type. Produces good yields of 3 in. long by 1 1/4 in. wide hot peppers. Fruits turn from green to red when mature. Excellent for roasting, pickling, or for making salsa. Tobacco Mosaic resistant. 5,000-10,000 Scovilles.

- 500 sds - $8.30
- 1,000 sds - $13.55
- 2,000 sds - $20.95
- 5,000 sds - $41.10
- 10,000 sds - $70.15

**GIANT RISTRA - 8061**
Chile type. 4,300 S. (F-1 Hybrid). (All America Winner - 2014). 80 days. Heavy yield of bright red very hot 7 in. chile peppers. Has the appearance of a Marconi but the spicyness of a Cayenne. Fruits can either be consumed fresh, roasted or diced and used as a herb. As it name states it can be strung together in long bunches and dried and displayed and used throughout the winter months. Makes a very attractive large container plant. 30,000-50,000 Scovilles.

- 50 sds - $8.30
- 100 sds - $14.20
- 250 sds - $26.15
- 1,000 sds - $69.20

**HABANERO ORANGE - 7984**
Habanero type. 7,000 S. 90-100 days. The original and most common of the Habanero varieties. Blazing hot fruit is excellent for sauce production and blending. The wrinkled fruit taper to a point and measure 2 in. by 1 in. The thin flesh is light green to orange-pink at full maturity. One of the hottest peppers, excellent for chili or homemade salsa. Fruit and seeds can be used fresh or dried as seasoning for foods. 200,000-350,000 Scovilles.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**HABANERO PRIMERO RED - 8152**
Habanero type. 10,000 S. (F-1 Hybrid). 75-80 days to full ripe. 60-65 days to green. The earliest ripening habanero you can grow! Harvest lots of lantern-shaped fruit that ripen from green to bright red. Great for fresh salsa or cooking. Fruits have about 1/3 the heat of a standard habanero, letting you appreciate the rich flavor.

- 25 sds - $9.10
- 50 sds - $15.95
- 100 sds - $23.70
- 250 sds - $46.90
- 500 sds - $79.30
PEPPER, HOT (continued)

INFERNO - 7944
Banana type. 4,500 S. (F-1 Hybrid). 60 days. A heavy yielding, moderately hot banana pepper. Large 1 1/2 in. x 8 in. fruits are ultra smooth with medium thick flesh and outstanding flavor. Fruit ripens from lime green, to orange and to red. 12,000 Scovilles.

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JALAPENO - 7961
Jalapeno type. 3,000 S. 72 days. Dark green tapered fruit 3 x 1 in., deep green fruit mature to an intense red. Add some spice to your salsa with these tapered chili peppers! Plants have a long harvest period. Also good for pickling, drying, roasting and stuffing. Good for picking or fresh market. 5,000-8,000 Scovilles.

JALAPENO EARLY - 8160
Jalapeno type. 6,250 S. 60-68 days. Just like the traditional Jalapeno but earlier and better adapted to cool coastal conditions. Thick-walled, 3 in. cone-shaped fruits ripen to red. Hottest when fully ripe. 3,000-4,000 Scovilles.

JALAPENO M - 8083
Jalapeno type. 4,000 S. 73 days. This is the pungent little dark green pepper found in rings atop nachos and chopped in Mexican sauces, both sweet and hot, with an addictive flavor that has made it one of the most popular seasonings in American dishes. Just 3 1/2 in. long and about 1 1/2 in. wide, these rounded, thick-walled fruits are borne in great numbers on very vigorous plants. They are ready to pick when dark green. 5,000 Scovilles.

LEMON DROP - 8167
Chile type. 6,500 S. (AKA Lemon Chile). 100 days. This hot, citrus-flavored fruit is a popular seasoning in Peru, its country of origin. Bright yellow, crinkled, cone-shaped fruits are about 2 1/2 in. long and 1/2 in. wide. Typically covered with neon-bright fruits making this an excellent choice for container gardening. 30,000 -100,000 Scovilles.

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MAYAN RED - 8079
Habanero type. 7,000 S. 90 days. A new look-elongated, bright red fruit. These 3 x 4 in. fruits are flaming hot. They are ready to eat when green (70 days), but just grow longer for succulent and nutritious when allowed to ripen to red. 200,000-300,000 Scovilles.

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JALORO - 8074
Jalapeno type. 4,500 S. 70-75 days. First true yellow jalapeno! Pale yellow, thick-walled conical peppers ripen to orange, then red and can be used at any color stage, making for a beautiful show on compact plants. Adds a little kick and a splash of color to salsas, nachos, or chile. Just as hot as regular jalapenos. As a bonus, plants are resistant to six viruses that threaten peppers. 5,000-8,000 Scovilles.

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LA BOMBA II - 7941
Jalapeno type. 4,800 S. (F-1 Hybrid). 56 days. Thick walled, dark green, 1 in. wide x 2 3/4 in. long fruit has very little netting. Excellent fresh or used for ‘poppers’. Good-looking fruit for use in gourmet recipes. 3,000 Scovilles.

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PEPPER, HOT continued on next page
**VEGETABLES**

**Order Seed, Plants, Plugs and Tags** by phone at 800.380.4721 or online at germaniaseed

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**NEW ITEM THIS YEAR**

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**PEPPER, HOT (continued)**

**MUCHO NACHO - 7958**

**Jalapeno type.** 3,000 S. (F-1 Hybrid). 68 days. A larger version of Jalapeno that develops to 4 in. long fruit that is fatter and thicker than the standard Jalapeno, but without all of the heat. Dark green, turning to red when ripe. Excellent for salads and sauces. The red fruits are often smoked over mesquite wood. Disease resistant. 4,500 to 6,000 Scovillives.

- 25 sds - $9.80
- 50 sds - $17.75
- 100 sds - $26.65
- 250 sds - $53.45
- 500 sds - $90.85

**PEQUIN - 8164**

**Chile type.** 10,000 S. 100 days. A tiny chili at only 1 in. long, but don’t let that fool you they pack a punch! Fruits change from green to orange and finally red. Very closely related to the wild Tepin Chile. Used in Mexico to create spicy dishes. 50,000 Scovillives.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**PORTUGAL - 7906**

**Chile type.** 1,000 S. 60-65 days. This vigorous, upright plant supports a large number of 6-7 in. long, thin, wrinkled fruits that are dark green and ripen to a brilliant, glossy red. Fiery hot, pointed shape, heavy yields, twice as large as old Giant Cayenne. 5,000 Scovillives.

- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65

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**PEPPER, HOT (continued)**

**RED EMBER (CAYENNE) - 8150**

- (F-1 Hybrid). (All America Winner - 2018). 55 days for green. 75 days for red ripe. Cayenne type. Add some spice into your life. Earlier to mature than the comparison varieties. Produces a large number of rounded end fruits on durable, medium-sized plants. Thick-walled fruits are spicy, but tastier than the traditional cayenne, with just enough pungency for interest. Can be eaten whole or whiles others craving a touch of heat can slice it thinly for salads. Makes excellent powder or flakes; also nice for hot sauce. 30,000-50,000 Scovilles.

- 25 sds - $9.80
- 50 sds - $17.75
- 100 sds - $26.65
- 250 sds - $53.45
- 500 sds - $90.85

**SCOTCH BONNET ORANGE - 7907**

**Habanero type.** 6,000 S. 75-100 days. Flaming-hot orange variety extremely hotter than habanero! Orange, rounded and tapered, thin-fleshed 2 in. fruit ripens from green to orange. Great for adding heat to salsas, sauces, chilli and any Mexican or Caribbean dish. Pickle it if you dare, but not for the faint of heart. 200,000-350,000 Scovilles.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**SERRANO CHILI HOT - 7977**

**Serrano type.** 6,000 S. (Red Chili Hot). Heirloom. 75 days. Very pungent fruit, 2 1/4 in. long and 1/2 in. in diameter. Slim, club shaped green peppers with medium thin walls maturing to a bright red color on 30 in. tall plants. This chili-type pepper bears slim fruit with thick flesh having a crisp, fresh, spicy taste. Use for pickling and sauces. 30,000 Scovillives.

- 50 sds - $7.55
- 100 sds - $12.35
- 250 sds - $22.20
- 500 sds - $33.75

**SERRANO TAMPIQUENO - 7973**

**Serrano type.** 4,000 S. 75 days. Heat-lovers, here’s another Mexican favorite used in a variety of dishes, from salsas to soups. Attractive fruits are club shaped smooth, about 1 1/2 in. long with medium thick walls. Fruits change from green to bright red and are very hot at both stages. 30,000 Scovillives.

- Each of the above (30A0) 500 sds - $7.25
- 1,000 sds - $9.80
- 5,000 sds - $25.60

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**PEPPER, HOT (continued)**

**ROULETTE (HABANERO) - 8151**

**Habanero type.** (F-1 Hybrid). (All America Winner - 2018). 80-100 days. Resembles a traditional habanero in every way, shape, size and color, except-No Heat! 1 oz. fruits are red with thick walls when it matures and a nice citrusy flavor. Gardeners will be delighted with the earlier production of large, uniform fruit and a very high yield. Produces 10-11 fruits at on time and up to 100 per season so there are plenty to eat fresh, cook with and enjoy. For an early fruit production that will charm even those that don’t likt it hot, take your chances its the perfect choice. 100 Scovillives.

- 25 sds - $9.10
- 100 sds - $23.70
- 500 sds - $79.30

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**Charles Ohrtman**
**PEPPER, HOT (continued)**

**SUPER CHILLI - 7937**

*Chile type.* 5,000 S. (F-1 Hybrid). *(All America Winner - 1988).* 75 days. A hybrid producing 2 1/2 in. x 1 1/2 in. cone shaped, elongated green fruit, turning red at full maturity. Semi-compact habit, well branched, heavy producer of very hot fruits. One of the most pungent chili peppers. Grows in upright clusters, turns orange, then ripens to red. Ideal for containers on the patio or windowsill. Often used in Thai and Asian dishes. 80,000 Scovilles.

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**THAI HOT - 7988**

6,500 S. 76 days. A high yielding, very hot and pungent flavored 2 in. long peppers that develop from yellow-green to red when fully mature. A tall plant; fruits grow almost erect from branches. 50,000 Scovilles.

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**TIME BOMB (CHERRY) - 8168**

3,500 S. (F-1 Hybrid). 65-70 days. Hot cherry fruits start out dark green but turn to bright red when ready for harvest. Disease resistant plants produce abundant harvests of these round to slightly pointy fruits. These cherry peppers pack a pleasant heat that can be enjoyed as pickled peppers or as appetizers stuffed with cheese. 1,000 Scovilles.

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**PEPPER, MILD (continued)**

**BLACK HUNGARIAN - 7996**

*Jalapeno type.* 4,800 S. 82 days. Highly ornamental in the field and on the plate. Green foliage is highlighted by purple veins and beautiful purple flowers. Sturdy plants produce 2-3 inch fruits similar in shape of a Jalapeno. Flesh is more black than red when ripening. Great in salsa and other Southwest dishes for mild heat and delicious flavor. 1,200 Scovilles.

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**CAJUN BELLE - 7998**

4,000 S. *(All America Winner)*. 61 days. Small bell peppers about 2 in. x 3 in. with 3-4 lobes. Fruits are both sweet and mildly spicy. When left on the plant, fruits will change color from green to scarlet and finish red, filled with vitamin C. Compact plants are 2 feet tall and wide, a perfect stature for containers. Delicious when just picked and can also be enjoyed green or red for salsas. 100-1,000 Scovilles.

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**HOLY MOLE - 7993**

2,500 S. *(F-1 Hybrid).* *(All America Winner-2007).* 85 days. The fruits measure 7-9 in. in length and 1 1/2 in. in width, and mature from green to a dark chocolate brown color. This pepper has a distinct taste, but not an overly spicy one. Can be sliced and placed on top of pizza or included in an enchilada casserole or mixed with your favorite Chipotle chicken dish. Mature brown peppers can be dried and ground for later use. 700-1,500 Scovilles.

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**TRINIDAD SCORPION - 8071**

*Chile type.* 6,000 S. *(Moruga Scorpion).* 90 days. Second hottest chili on the planet. Wrinkled, lantern-shaped fruits ripen to a searing red-orange. Named the world’s hottest pepper by the New Mexico Chile Institute, dethroning the previous record holder, Bhut Jolokia, although some authorities dispute this. Keep in mind that most of the “super hot” peppers like this should be allowed 20-30 days germination. 1,000,000+ Scovilles.

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**GARDEN SALSA - 7934**

3,500 S. *(F-1 Hybrid).* 73 days. Beautifully shaped fruits are 8 in. long by 1 inch in diameter. Skin is smooth with medium thick walls and tapers to a point. Green fruit will turn red at full maturity. Ideal for making homemade salsa, not quite as hot as Jalapeno with a pungency rating of medium. 2,500-4,000 Scovilles.

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<td>$42.20</td>
<td>$66.55</td>
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**PEPPER, MILD continued on next page**
PEPPER, MILD (continued)

JALAPENO TAM MILD - 7909

Jalapeno type. 4,500 S. 70 days. Wonderful flavor of jalapenos without the fire. Freezes and cans well. Good for pickling, prolific producer, excellent yields of 40 or more, thick-walled 3 in. fruits. Can be eaten raw, roasted or pickled. 1,000-1,500 Scovilles.

- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

JOE E PARKER (NUMEX) - 7910

Chile type. 3,500 S. 65-80 days. Produces heavy yields of 7 in. long by 1 1/2 in. wide fruits which turns from green to red when mature. All-purpose chili variety with thick, crunchy flesh with mild heat and a rich, delicious flavor. A Southwest favorite for stuffing (chile rellenos), grilling and roasting. The flesh is thick and crisp with a delicious mild heat and richly satisfying chili flavor. 1,500-3,000 Scovilles.

- 500 sds - $7.65
- 1,000 sds - $11.70
- 2,000 sds - $17.55
- 5,000 sds - $33.40
- 10,000 sds - $56.25

MAD HATTER - 8084

4,000 S. (F-1 Hybrid). (All America Winner - 2017). This exotic pepper wins on uniqueness alone, coming from South America commonly used in Bolivian and Peruvian cuisine. Flattened-disc shaped fruit has lobes or wings and are 2-3 1/2 in. x 2-2 1/2 in. Novel fruit with a refreshing, citrusy, floral flavor that remains sweet, only occasionally expressing mild heat near the seeds.

- 25 sds - $10.20
- 100 sds - $28.15
- 500 sds - $96.60

MARIACHI - 7978

3,000 S. (F-1 Hybrid). (All America Winner - 2006). 65 days. Improved cone-shaped, 3-4 in. fruit ideally suited for gardens and patio gardens. A palatable pepper that is not too hot to eat raw. 500-600 Scovilles.

- 25 sds - $9.10
- 100 sds - $23.70
- 500 sds - $79.30

MEXIBELL - 8452

4,500 S. (F-1 Hybrid). (All America Winner - 1988). 75 days. The first bell pepper with a mildly hot flavor. Fruit has a pungent, mild chili flavor that is very fresh and the cook can control the degree of pungent flavor. Fruits are 3-4 lobed and are green at first, but turn red (and hotter) if you leave them on the plant longer. Excellent for freezing or canning salsa. 100-500 Scovilles.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

PEPPER, MILD (continued)

POBLANO - 7974

3,500 S. 75 days. Slightly hot, with a sweet flavor. Dark green 6 in. x 3 in. fruits mature to a chocolate-green color. Long, dark green chile peppers ripen to reddish brown. Mildly hot with a mellow, aromatic flavor. Great roasted and peeled, or use dried for chili powder. Thick walled fruits are ideal for fresh use, stuffing, roasted and used in rellenos or dried as an Ancho. 3,000 Scovilles.

- 500 sds - $7.65
- 1,000 sds - $11.70
- 2,000 sds - $17.55
- 5,000 sds - $33.40
- 10,000 sds - $56.25

SAHUARO - 7983

3,000 S. (F-1 Hybrid). 68 days. An impressive yield and big fruit size of up to 9 in. A thick wall makes it perfect for roasting and slicing. 500 Scovilles.

- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

TRICKED YOU (FOOLED YOU) - 8153

Jalapeno type. (F-1 Hybrid). 90 days. Jalapeno type. Completely heat-free jalapeno is an improved version of the popular Fooled You. Expect large harvests of these 4 1/2 in. long fruits. Get jalapeno flavor without the heat or mix with hot varieties to create the exact heat level you want in hot sauces and salsas.

- 25 sds - $9.10
- 100 sds - $23.70
- 500 sds - $79.30

PEPPER, SWEET

Please refer to cultural information at the beginning of the Pepper section.

ALBINO (IVORY) - 7929

4,000 S. 75-80 days. New color and taste for gourmet salads. Very early, sweet bell pepper that stays white a long time before turning red. Dwarf bush produces medium-sized fruits with thick walls. Disease resistant. Suitable even for the far North.

- 25 sds - $8.55
- 100 sds - $21.85
- 5,000 sds - $74.95

BETTER BELLE - 7927

4,000 S. (F-1 Hybrid). 65 days. Very blocky, thick walled 4 1/2 in. x 3 1/2 in. four-lobed green fruits turning red when ripe. Heavy producer, disease resistant. COATED SEED.

- 25 sds - $12.45
- 100 sds - $37.10
- 500 sds - $131.25

BIG BERTHA - 7942

3,000 S. (F-1 Hybrid). 70 days. The largest pepper on the market. Fruits are deep green with thick flesh. It is not unusual for fruits to reach 8 to 10 in. long and 4 in. across. Great for salads and stuffing.

- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

NEW ITEM THIS YEAR
PEPPER, SWEET (continued)

**BIG RED - 7918**
4,000 S. 75 days. Produces high yields of large, 3-4 lobed, very sweet fruits. Fruits turn from green to red when mature. Excellent for salads and stuffing.

- 25 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

**BOUNTY - 7936**
Banana type. 4,000 S. (F-1 Hybrid). 65-70 days. A hybrid version of a Sweet Banana. Very early, fruit are typically 9-10 in. long and 2 in. wide. Yellow to bright red fruits.

- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

**CALIFORNIA WONDER 300 - 7916**
4,000 S. 73-75 days. Similar to Early California Wonder, slightly larger and more uniform fruit, 4-3/4 in x 4 in. Fruit is are mostly 4-lobed, from green to red. Tomato Mosaic Resistance.

- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**CANDY CANE RED - 8104**
4,000 S. (F-1 Hybrid) 40-45 days matures to green striped; 60-65 days matures to ripe red. Snack variety with uniquely variegated foliage and striped fruit. Elongated, 3 1/2-4 in. bell shaped fruit ripens from green and white stripes to solid red; thin walls and crispy texture makes it perfect for fresh eating at any stage of ripeness. Ideal for in ground growing or in a container.

- 25 sds - $9.80
- 100 sds - $26.65
- 500 sds - $90.85

**CARMEN - 7989**
4,000 S. (F-1 Hybrid). (All America Winner - 2006). 75 days. Tapered 6 in. fruit is noticeably sweet in comparison to other in its class. Early, horn-style fruits turn red at maturity.

- 25 sds - $9.10
- 100 sds - $23.70
- 500 sds - $79.30

**CHABLIS - 7985**
3,300 S. (F-1 Hybrid). 60 days. No it is not a mix. A single pepper plant with delicious fruit that matures from gleaming ivory to golden-orange to brightest red. Thick walled and ultra-sweet. 3 in. across and 4 in. long with thick walls, glossy skin and beautiful shapes. They begin green, but turn white quite quickly and are ready to harvest at any stage after that. Pick some pure white, let others mature to citrus shades of gold and orange and reserve a few for ultra-nutritious ripeness and beauty at pure red. Good for slicing, stuffing and cooking.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

**CHARDONNAY (YELLOW) - 8030**
4,300 S. (F-1 Hybrid). 70 days. Early maturing, widely adaptable and productive green to yellow blocky bell. Excellent taste with thick crisp walls and good weight. Resistant to Tobacco Mosaic Virus and Bacterial Leaf Spot.

- 50 sds - $8.30
- 250 sds - $26.15
- 1,000 sds - $69.20

**CHOCOLATE BEAUTY - 7949**
4,000 S. (F-1 Hybrid). 70 days. Dark green skin ripens to a dark brown. Sweet, non-pungent fruits are 4 in. 26x 3 1/2 in. across. An interesting novelty to add color to your salads and cooking. Disease resistant.

- 100 sds - $7.25
- 500 sds - $17.70
- 1,000 sds - $27.85

**CLASSIC - 7948**
*New for 2020* Green to red, high-yielding bell that has outstanding fruit quality, with thick walls and a uniform blocky shape. Nice flat shoulders. Widely adapted and offer good heat-set ability.

- 50 sds - $9.80
- 250 sds - $34.25
- 1,000 sds - $92.80

**CUBANELLE - 7953**
4,500 S. Heirloom. 68 days. Larger, smoother frying type. Improvement over Italianelle. Fruit 6 in. x 2 in. and is tapered, pointed and somewhat roughened with a bright yellow-green color and a delicious pungent flavor.

- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**EARLY SUMMER - 8159**
4,000 S. 70-75 days. Beautiful golden-yellow fruits will impress even the pickiest pepper critics. Extra large, 4-5 in. fruits mature from dark green to yellow on strong plants with very impressive yields. High quality fruits are firm, smooth and glossy with thick walls and a uniformly blocky shape.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

**FRIARELLO (MELROSE) - 7981**
5,000 S. 65 days. Melo-type. Ideally suited as a frying pepper with long fruits and thin skin.

- 25 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

PEPPER, SWEET continued on next page
PEPPER, SWEET (continued)

GIANT MARCONI - 7912
5,000 S. (F-1 Hybrid). (All America Winner - 2001). 72 days. Bred in Italy, an early, heavy yielding variety that produces 6-8 in. green fruits that mature to a bright red. About 3 in. wide at the top, 3 lobed. A thin skinned variety that can be used in salads, roasted on the grill, or pan fried with tomatoes and egg plant. A heavy yielding hybrid of the Melrose type with all America honors. Disease resistant.

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<thead>
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<th>Quantity</th>
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<tr>
<td>25 sds</td>
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<td>500 sds</td>
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GOLDEN CALIFORNIA WONDER - 7954
4,000 S. Heirloom. 70 days. Same as California Wonder except peppers are bright gold, changing to orange-red when mature.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>500 sds</td>
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<tr>
<td>10,000 sds</td>
<td>$42.30</td>
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GYPSY - 7943
4,000 S. (F-1 Hybrid). (All America Winner - 1981). 60 days. Very early, heavy producer. Fruits 5 x 3 in. long and are mostly 3-lobed with a pendant wedge shape. In the early stages, fruits are a yellowish-green color turning to orange-red when ripe. Compact growing variety that is disease and virus resistant. This variety is the leader in early, high yields. On an average, each plant will produce 35-38 fruits.

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<td>$34.25</td>
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<td>1,000 sds</td>
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HABANADA - 8149
Habanero type. 70 days. This nearly fire-free habanero offers all the delicious, fruity, tropical flavor of a standard habanero but without the burn. A full ripe, a glowing orange fruit has its most well-developed and complex flavor. A true treat to eat regardless of preparation. Compact plants are great for small spaces or containers.

<table>
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<tbody>
<tr>
<td>25 sds</td>
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<td>$33.75</td>
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<td>500 sds</td>
<td>$56.20</td>
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HUNGARIAN SWEET BANANA - 7955
4,000 S. (All America Winner - 1941). (Sweet Banana). Heirloom. 68 days. Tapering 6 in. x 1 1/2 in. long fruit is yellow, turning red when mature.

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<th>Price</th>
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<td>$25.60</td>
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<tr>
<td>10,000 sds</td>
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</table>

MARCONI GOLDEN - 7999
4,500 S. Heirloom. 90 days. Golden-yellow Italian sweet peppers are 3-lobbed and up to 1 foot long. Traditionally used for frying, but also sweet and delicious when eaten fresh. Tremendous yield of clear golden, high quality fruit.

<table>
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<th>Quantity</th>
<th>Price</th>
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### PEPPER, SWEET (continued)

#### MINI BELLE SERIES
3,000 S. 65 days. Plants will produce an abundance of 1 1/4 in. x 1 1/4 in. miniature fruits. They are sweet, gorgeous and delicious! Fits nicely into small garden space or patio planters, making it just right for the home gardener. Excellent for gourmet dishes, stuffing and salads. Disease resistant.

#### Chocolate - 7990
Green to chocolate-brown.
- 100 sds - $9.85
- 200 sds - $19.70
- 500 sds - $49.55
- 2,000 sds - $99.05

#### Red - 7991
Green to red.

#### Yellow - 7992
Green to yellow.
Each of the above: (28A0)
- 100 sds - $7.25
- 200 sds - $14.50
- 500 sds - $29.00
- 1,000 sds - $58.00

#### MUSCATO (ORANGE BELL) - 8023
4,000 S. (F-1 Hybrid). 75 days. Blocky 5 x 4 inch fruits. Very thick walls, mostly 4 lobed, dark green to orange fruits. Heavy yielder and widely adapted. Tobacco mosaic resistant.
- 50 sds - $8.30
- 250 sds - $26.15
- 1,000 sds - $69.20

#### NORTH STAR - 7932
4,000 S. (F-1 Hybrid). 70 days. Early, 3-4 lobed 4 in. x 4 in. uniform fruits. Plants will set fruit under the most adverse conditions. Glossy green fruits will ripen to a bright red. Disease resistant.
- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

#### ORANGE BLAZE - 7921
4,000 S. (F-1 Hybrid). (All America Selections Winner - 2011). 65 days. An early maturing bell pepper variety that has a sweet flavor which will reach its sweetest at the full orange color. Produces 3-4 in. long fruits about 3 inch wide with 2-3 lobes. High resistance to Bacterial Leaf and Tobacco Mosaic Virus.
- 25 sds - $10.90
- 100 sds - $31.15
- 500 sds - $108.15

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### PEPPER, SWEET (continued)

#### ORANGE MARMALADE
Crop failure. As a substitute, we suggest Muscato (Orange Bell).

#### PEPPERONCINI (GREEK GOLDEN) - 8098
5,000 S. Heirloom. 65 days. This variety from Greece is sweet, crunchy and only mildly-hot. Great for pickling, salads and salsas but tasty fresh too. The plants are prolific and productive, even in cooler, short-season areas, yielding fruits that grow to be about 4 in. long by 1 in. wide. Harvest them when they are light yellow and 2-3 in. long.

#### PEPPERONCINI (ITALIAN) - 7972
5,000 S. 65 days. Tapered green fruit is 4 in. long and 3/4 in. wide. This popular, light green pepper has just the right amount of zing to add flavor and zest to Mexican-American cuisine, appetizers, and fresh or pasta salads. Harvest when still green. Very useful in the early stages, but will turn bright red when mature. For picking, canning, or salads.

Each of the above: (30B0)
- 500 sds - $7.65
- 1,000 sds - $15.30
- 2,000 sds - $26.55
- 5,000 sds - $51.05

#### PEPPIGRANDE RED - 7971
(F-1 Hybrid). 80-85 days. Corno-shaped fruit has outstanding crisp texture, rich flavor and more sweetness than large-fruited peppers. Fruits are 5-6 in. long and are often seedless, which means less preparation time for chopping and cooking. Great on the grill or baked stuffed with cheese.
- 10 sds - $7.65
- 50 sds - $22.40
- 100 sds - $34.55
- 500 sds - $112.00

#### PIMENTO ELITE - 7925
3,000 S. (F-1 Hybrid). 72 days. A heavy producer of sweet, oval to heart-shaped fruit 3 in. x 3 1/2 in. with thick fleshy walls. Green, turning red when ripe. Disease resistant.
- 25 sds - $7.55
- 50 sds - $18.00
- 100 sds - $36.00
- 250 sds - $75.55

#### PIMENTO PERFECTION - 7976
4,000 S. Heirloom. 73 days. Standard sweet sweet variety for home and market. Heart-shaped, smooth fruit 3 1/2 x 2 1/2 in. High yielding plant produces heavy-walled, heart-shaped fruit that starts green and matures to red. A mild, sweet pepper ideal for salads, garnishes and canning.
Each of the above: (25A0)
- 250 sds - $7.25
- 500 sds - $14.50
- 1,000 sds - $29.00
- 2,000 sds - $58.00
- 5,000 sds - $116.00

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*NEW ITEM THIS YEAR*
PEPPER, SWEET (continued)

PURPLE BEAUTY - 7975
4,000 S. 70 days. A truly PURPLE pepper. The 4 in. x 3 1/2 in. blocky fruits have thick flesh and is highly productive. Slice the fresh peppers up and add bright color to salads or vegetable trays and cooking. Also use for stuffing or to season cooked casseroles.

<table>
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RED BARON - 7995
3,000 S. (F-1 Hybrid). 70-72 days. An early-main season bell with excellent red quality that works well for fresh market or processing. The smooth, blocky, thick-walled fruits are medium large and mature from green to red. Resistant to Tobamo Po Disease.

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SNACKABELLE RED - 8155
2,500 S. (F-1 Hybrid). 72 days. Large, thick walled fruit that measures 4-1/2 in. wide and long. The shiny, attractive fruits ripen from a dark green to an intense red color. The strong upright plants are tolerant to BLS (race 1, 2 & 3) and PVY.

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REDSKIN - 8029
4,400 S. (F-1 Hybrid). 75-80 days. These giant bells look even larger than ever on plants so compact they grow comfortably in flowerpots and window boxes. 4-5 in. long, crowding one another on plants just 8-10 in. high. Fruits are symmetrical, with 3-4 lobes and excellent color. Best bell for container growth, with large healthy fruit all over well-branched, super petite plants. Pick them green or let them mature to a rich red, when their vitamin content (and eye-popping good looks) is at its peak.

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ROUMANIAN SWEET
Sorry, no longer available.

SHISHITO - 8154
6,000 S. 60 days. This medium early, small, sweet, thin-walled, slightly wrinkled, glossy green pepper is popular in Japan. The fruits grow up to 3-4 in. long. Spreading habit and produces prolifically. Good for garden, greenhouse and open field growing. Prized by restaurants and is a favorite among chefs. Usually used when green (though also fine to eat when red), the thin walls make them ideal for tempura and stir fries. Widely popular as an appetizer, just toss with oil, then char-grilled or pan-seared to a blackened, blistered state and salted. Absolutely the best thing to nibble on with drinks.

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Sweet Cherry
PEPPER, SWEET (continued)

SPANISH SPICE (ITALICO) - 7940

4,000 S. 56 days. Non-pungent variety - not hot or sweet, but spicy. Dark green fruits are about 7 in. long by 1 3/4 in. across and thin walled for quick frying and grilling. Dark green fruits turn red when mature.

25 sds - $7.55 50 sds - $12.35
100 sds - $17.70 250 sds - $33.75
500 sds - $56.20 (25A0)

SWEET CHERRY - 7986

4,000 S. 75 days. Smooth skin and thick-meat. Sweet flesh, shaped like cherries but of good size. Nice for salads, canning or pickling; can be used in the green stage or in the ripe stage which is red.

250 sds - $7.25 500 sds - $11.75
1,000 sds - $16.95 2,000 sds - $27.70
5,000 sds - $55.55 (29A0)

PEPPER, SWEET (continued)

SWEET HEAT - 7959

4,000 S. 56 days. The easiest to bear fruit, compact and bushy. A great choice for growers that want to ship larger containers with developing fruit on the plant. The 3-4 in. x 1 1/2 in. fruits are sweet and mildly spicy like the Pepperoncini, with a great smoky flavor. Can be harvested green or red and is perfect for grilling or salsa. Excellent for garden or patio containers.

Each of the above: (25C0) 25 sds - $9.10
50 sds - $15.95 100 sds - $23.70
250 sds - $46.90 500 sds - $79.30

SWEET SUNSET - 8060

3,300 S. (F-1 Hybrid). (All America Winner-2015). 85 days. Sweet banana type. A blend of yellow, orange and red create a gorgeous medley of color. Perfect for container gardening. Great for fresh and canning uses as well as for frying, pickling, and cutting into pepper rings for salads, sandwiches and pizza toppings.

Each of the above: (25C0) 25 sds - $9.10
50 sds - $15.95 100 sds - $23.70
250 sds - $46.90 500 sds - $79.30

PEPPER, SWEET (continued)

TEQUILA (LILAC) - 7970

3,500 S. (F-1 Hybrid). 70 days. Improved vigor with 3 1/2 x 4 in. fruits that will become lilac in color before maturing to red.

25 sds - $11.70 50 sds - $22.30
100 sds - $34.15 250 sds - $69.85
500 sds - $119.70 (25I0)

WIZARD (GREEN BELL) - 7950

3,000 S. 72-74 days. Produces high yields of dark green fruit and is well adapted for spring and summer production. 3-4 lobed, blocky, smooth, attractive fruit that matures from green to red. A higher quality bell pepper that is darker in color than Bell Boy and has a better plant habit with larger leaves and is an X3R variety for better disease resistance.

25 sds - $8.30 50 sds - $14.20
100 sds - $20.70 250 sds - $40.30
500 sds - $67.75 (25B0)

YOLO WONDER - 7987

3,500 S. 70 days. 4 lobed, thick walled variety. Dark green 4 in x 4 in. fruit maturing to bright red. An excellent variety. Disease resistant.

500 sds - $7.25 1,000 sds - $9.80
2,000 sds - $14.10 5,000 sds - $25.60
10,000 sds - $42.30 (30A0)

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* Call us and place over the phone at (800) 380-4721

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* Enter in tag quantities, save file, email back to us at mail@germaniaseed.com
PUMPKIN

110 sds/oz  75°  7 days
1 oz. for about 15 hills; 3-5 lbs. per acre.

ATLANTIC GIANT - 8004
100 S. 120 days. Lovely, giant, pale pink to deep orange fruits can weigh over 1000 lbs. and do so every year, with some reaching over 2000 lbs. Even without special treatment, you get eye-popping 200-300 lb. squash type fruits with flavorful orange flesh. This variety was introduced by the late Howard Dill, of Nova Scotia in 1978 and has since broken all records.

CONNECTICUT FIELD - 8013
210 S. Heirloom. 110 days. Large Yellow. Orange-yellow flesh. Flat on ends, smooth, hard rind. Each will weigh 18 lbs. and more.

JACK O LANTERN - 8020
185 S. 75-115 days. All around great pumpkin for carving. Oblong fruits weigh 10-18 lbs. Smooth medium-orange skin with shallow ribs. Sweet fine grained pale orange flesh makes this also good for cooking.

SMALL SUGAR PIE - 8014
240 S. Heirloom. 100 days. Rich orange flesh. Rounded, slightly ribbed, about 7 in. in diameter.

SPOOKIE - 8017
222 S. 90-110 days. A cross between Sugar Pie and Jack O Lantern these fruits are 6-10 lbs. and have a smooth, hard, red-orange skin color. Excellent quality, fine textured, sweet, thick, yellow-orange flesh that is great for pies. Also good for painting or carving.

TINY - 8015
420 S. 90 days. This variety is truly an edible pumpkin and is about 2 in. high and 3 in across, which can easily fit into the palm of your hand. Each vine will produce about 6-8 fruits.

Each of the above: (28A0) 100 sds - $7.25
200 sds - $10.70 500 sds - $17.70
1,000 sds - $27.85 2,000 sds - $49.55

BIG MAX - 8000
100 S. 110-120 days. Largest pumpkin for faces or novelty its choice of professional contestants. Nearly round, 17-18 inches in diameter the fruits weigh an average of 100 lbs. Slightly rough, red-orange skin, bright yellowish 3-4 in. thick flesh. To achieve maximum size, grow one pumpkin per vine, water and fertilize regularly. Excellent for canning or pies.

100 sds - $7.25 200 sds - $12.20
500 sds - $20.70 1,000 sds - $33.10
2,000 sds - $59.65 5000 sds - $108.15 (28B0)

BUMPKIN - 8003
300 S. (F-1 Hybrid). 85 days. A cutie for small ornamental markets, but also has excellent edible qualities. Fruits are 2-3 in. and weigh about 1/4 lb. with dark orange color and strong dark green handles. Semi bush habit.

50 sds - $8.80 100 sds - $17.75
250 sds - $34.25 500 sds - $53.45
1,000 sds - $140.10 (26H0)

CINDERELLA’S CARRIAGE - 8032
105 S. (F-1 Hybrid). (All America Winner 2014). 100 days. A dream come true for any princess-loving child who wants to grow their own fairy tale type pumpkin. Glowing red-orange, large and beautiful antique French pumpkins have a wonderful flattened shape with deep rounded lobes and will produce large fruits ranging from 18-20 lbs., creating a whole grouping of carriages for all the princesses in your family.

First Prize

ATLANTIC GIANT - 8004

100 S. 120 days. Lovely, giant, pale pink to deep orange fruits can weigh over 1000 lbs. and do so every year, with some reaching over 2000 lbs. Even without special treatment, you get eye-popping 200-300 lb. squash type fruits with flavorful orange flesh. This variety was introduced by the late Howard Dill, of Nova Scotia in 1978 and has since broken all records.

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100 sds - $7.25 200 sds - $12.20
500 sds - $20.70 1,000 sds - $33.10
2,000 sds - $59.65 5000 sds - $108.15 (28B0)

BUMPKIN - 8003
300 S. (F-1 Hybrid). 85 days. A cutie for small ornamental markets, but also has excellent edible qualities. Fruits are 2-3 in. and weigh about 1/4 lb. with dark orange color and strong dark green handles. Semi bush habit.

50 sds - $8.80 100 sds - $17.75
250 sds - $34.25 500 sds - $53.45
1,000 sds - $140.10 (26H0)
RUTABAGA

PURPLE TOP - 8031
13,500 S. Heirloom. 90 days. Large, smooth, globe-shaped roots with deep purplish-red tops above ground and light yellow below. Flesh is creamy-yellow turning to orange when cooked, fine grained, sweet and of excellent quality. Roots store well.

- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

SPINACH

70° 10 days
Sow early or late as it does not do well when day length is long. 1 oz. for a 75 ft. row. Ideal for canning or freezing.

BLOOMSDALE LONG STANDING - 8082
2,000 S. (Savoy). 48 days. A heavy yielder of glossy, dark green crinkled leaves.

- 1,000 sds - $7.25
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

NEW ZEALAND - 8213
700 S. Heirloom. 50 days. Produces small, lime green, arrowhead-shaped leaves. Slow to bolt and thrives in hot weather. Best when picked all summer and fall. Good source of vitamin C.

- 1,000 sds - $9.80
- 2,000 sds - $18.45
- 5,000 sds - $30.10
- 10,000 sds - $61.85

NOBEL - 8035
2,500 S. (All America Winner - 1933). Heirloom. 46 days. Produces very large and flavorful dark green leaves. An enormous yielder. Delicious raw or cooked. Good fresh, canned and frozen. Slow to bolt variety.

- 1,000 sds - $7.25
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

RED MALABAR - 8214
950 S. 85 days. A striking shift from ordinary greens, this vigorous, climbing, tropical vine grows 6 ft. with spinach-like, dark green foliage on burgundy stems. Fleshy, glossy leaves have a pleasant nutty Swiss Chard flavor. Use the edible fresh leaves in salads or stir-fries. May be grown on the ground or trellised for easier harvest. High in protein and a great source of phosphorus and potassium. It’s an excellent source of iron, calcium, Vitamin C and Vitamin A.

- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65

TATSOI - 8211
13,000 S. 20-25 days. for baby leaves or 40-50 days for mature. Compact, with low growth and glossy, dark green leaves. Makes attractive borders, mass plantings provide rich color and texture. Harvest entire plant or a few leaves at a time. Mustard-flavored leaves are packed with nutrients. When quickly braised with garlic in oil, it softens into a tapestry of sweet leaves and tender stems that are hard to beat. Great baby item in salads, stir-fry or as a garnish. Once you’ve discovered its charms, your garden will never be without it.

- 1,000 sds - $7.25
- 2,000 sds - $10.40
- 5,000 sds - $18.45
- 10,000 sds - $30.10
- 25,000 sds - $61.85
Vegetables

Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed

SQUASH

120-200 sds/oz  75°  7 days

Plant radishes and potatoes between the rows to deter insects and beetles. 1 oz. for 25 hills, 4 ft. apart in the row. 3-4 lbs. per acre. About 1 oz. for 100 ft. row.

AUTUMN FROST - 8052

● New for 2020  (F-1 Hybrid). 100-105 days. Uniquely ribbed, round, 5-7 in. long fruit ripens to dark tan with a frosted overlay. Fruit is similar in taste to a butternut type, with superior quality, rich flavor and shelf life of up to 4 months after maturity. Fruit can be prepared like a winter squash; cut lengthwise or cut the top 2 in. off, scoop seeds out and roast. Perfect for stuffing.

50 sds - $10.40  100 sds - $19.60
250 sds - $38.20  500 sds - $59.95
1,000 sds - $104.65

BUTTERBABY - 8120

Butternut type. 375 S. 100-105 days. Produces an abundance of sweet, personal-size fruit with classic light tan skin color. Fruit has excellent storage quality and will last many months after harvest. Restricted vines will not take over the garden and resistance to Powdery Mildew will improve the ability to harvest high quality fruit.

100 sds - $9.30  200 sds - $16.55
500 sds - $29.65  1,000 sds - $48.85
2,000 sds - $89.90

BUTTERCUP - 8062

150-200 S. 90 days. Winter squash. Fruit 4 1/2 x 6 1/2 in. thin skin, dark green with narrow gray stripes or mottlings, orange flesh. The smoothest, best flavored squash yet produced, 3-4 lbs. each.

100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65

BUTTERNUT - 8063

Butternut type. 300-350 S. (Waltham). 95 days. Winter squash. Spreads like butter without any sign of stringiness when baked. Skin is dull yellow. Good keeper.

100 sds - $7.25  200 sds - $10.70
500 sds - $17.70  1,000 sds - $27.85
2,000 sds - $49.55

BUTTERSCOTCH - 8045

Butternut type. 350 S. (F-1 Hybrid). (All America Winner - 2015). 100 days. A delicious, single-serve, mini butternut squash. Unusually rich, sweet, starchy flavor for a butternut type. Small, 1-2 lb. fruits mature early. For 1 lb. sized fruits, we recommend giving each plant only 6 square feet. Limited storage, best up to 3 months after maturity. Short, space-saving vines resist powdery mildew. Average yield is 3-4 fruits per plant.

50 sds - $9.10  100 sds - $15.95
250 sds - $30.20  500 sds - $46.90
1,000 sds - $80.95

SQUASH (continued)

CORNELLS BUSH DELICATA - 8076

360 S. (All America Winner - 2002). (Sweet Potato Squash). 70 days. Winter squash. The fruits are a typical delicate shape; cylindrical, about 8 in. long by 4 in. diameter and have green striping over a white background. Very flavorful, sweet and smooth with a nutty flavor and compact bush spreading habit, only about 3 feet.

100 sds - $8.65  200 sds - $15.10
500 sds - $26.65  1,000 sds - $43.60
2,000 sds - $79.80

CREAM OF THE CROP - 8097


100 sds - $8.65  200 sds - $15.10
500 sds - $26.65  1,000 sds - $43.60
2,000 sds - $79.80

DELICATA - 8085

480 S. (Sweet Potato Squash). 100 days. An oblong shaped cream colored winter variety 7-9 in. long and 3 in. in diameter with dark green stripes and flecking. Very sweet orange flesh on short vines producing 5-7 fruits weighing 1 1/2 - 2 lbs. each. Outstanding flavor with good storage capabilities.

250 sds - $8.55  500 sds - $14.60
1,000 sds - $21.85  2,000 sds - $36.50
5,000 sds - $74.95

EARLY BUTTERNUT - 8051

Butternut type. 300 S. (F-1 Hybrid). (All America Winner - 1979). 85 days. Winter Squash. A smooth fruited winter variety with semi-bush habit and moderate vine spreading. Very productive, heavy yielding, with excellent flavor.

50 sds - $8.30  100 sds - $14.20
250 sds - $26.15  500 sds - $43.60
1,000 sds - $69.20

All Seed orders are shipped the same day received - most within 4 hours!
SQUASH (continued)

EARLY SUMMER CROOKNECK - 8057
370 S. Heirloom. 58 days. One of the most delectable summer squash varieties, this crookneck is mild, sweet and full of flavor. Steam, stuff, bake or use raw in salads.

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HONEYNUT - 8065
Butternut type. 350 S. 85 days. Produces mini Butternut type fruits on a compact and space-saving bush type plant. The 5 in. long fruit weigh from 1-1 1/2 lbs. Very sweet and rich flavored deep orange flesh. The rind starts off a dark green, turns tan and then a rich burnt orange color at full maturity. Intermediate resistance to powdery mildew. 

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HUBBARD - 8067
120 S. Heirloom. 110 days. (Blue Hubbard, New England Hubbard). An improved strain produces hard, blue-green squash for good storage. 

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LEMON SUN - 8046
300 S. (F-1 Hybrid). 40-45 days. Scallop type. (Patty Pan). Vigorous and strong bush plant habit will produce exceptional yields of uniform, yellow, scalloped disc-shaped fruits with no green on the blossom end. Fruits are sweet and tender. Harvest from baby with the flower attached. Large quantities of male flowers are perfect for frying.

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PROLIFIC STRAIGHTNECK - 8066

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SCALLOP YELLOW BUSH - 8058
370 S. Scallop type. (Patty Pan). Heirloom. 49 days. Summer yellow scallop squash. Bush habit. Produces good yields of flat, round fruits. Harvest at the 2-3 in. size when they are delicate and tender. Excellent when lightly steamed, seasoned and plated with the main course.

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SUGARETTE - 8012
250 S. (F-1 Hybrid). (All America Winner - 2017). 90 days. Spaghetti type. Prolifically produces a generous crop of medium sized, orange fleshed vegetables. These green with white striped beauties are the perfect size for culinary gardeners who want to grow a great tasting, healthy fall treat on semi-bushy vines that spread only about two feet wide/long. The nutty sweet flesh (somewhat reminiscent of a sweet potato) can be used as a pasta substitute simply roasted or blended in soups. Good hard shells that protect the flesh for a long shelf life.

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SWEET DUMPLING - 8092
450 S. 100 days. Small, 4-5 in. diameter, round shaped fruits. Skin is ivory with dark green stripes. Very sweet, orange flesh. Each plant will produce 8-10 fruits. 

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SWEET MAMA - 8096

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TABLE QUEEN (OR ACORN) - 8064
300 S. (All America Winner - 1939). Heirloom. 80 days. Winter squash. An improved acorn type with semi-bush habit. Fruits are 4-6 inch, dark green, flesh is bright orange, thick and textured.

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TABLE ACE - 8047
300 S. (F-1 Hybrid). 70 days. Winter squash. An improved acorn type with semi-bush habit. Fruits are 4-6 inch, dark green, flesh is bright orange, thick and textured. 

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SCALLOP Yellow Bush is a new item this year.
**SQUASH** (continued)

**TAYBELLE - 8069**
310 s. (F-1 Hybrid). 72 days. Winter squash. A high quality acorn type squash that matures from a dark green to jet black. It has a semi-bush plant habit that allows for higher density planting and a high yield potential. Resistant to powdery mildew.

**TIVOLI - 8048**
210 s. (F-1 Hybrid). (All America Winner - 1991). 100 days. A spaghetti squash variety with dwarf, bush habit. 24 in. tall plants will provide 3-4 lb. of light yellow, oblong fruits.

*Each of the above: (26CO) 50 sds - $9.10 100 sds - $15.95 250 sds - $30.20 500 sds - $46.90 1,000 sds - $80.95*

**TOTAL ECLIPSE - 8056**
300 s. (F-1 Hybrid). (Patty Pan or Scallop Squash). 53 days. Lime green fruit. Smooth, firm texture with a nutty taste. Patty Pan or Scallop Squash is a small, saucer-shaped warm-season squash that usually grows to be no more than 3 to 4 inches in diameter. Patty Pan squashes look something like a toy top. Beautiful on their own or mixed with other colors.

*50 sds - $7.55 100 sds - $12.35 250 sds - $22.20 500 sds - $33.75 1,000 sds - $57.40 (26A0)*

**TURK’S TURBAN - 8053**
*New for 2020* 100 days. Winter squash. Produces a brilliant array of unusual color combinations. Prominent blossom end button is striped silver, green and white with a scarlet top. 8-10 in. fruit is edible with good flavor that is closing related to the buttercup squash. An interesting novelty and a fast selling fall decoration at roadside stands.

*100 sds - $7.25 200 sds - $12.20 500 sds - $20.70 1,000 sds - $33.10 2,000 sds - $59.65 (28B0)*

**YELLOW CROOKNECK - 8090**
350 s. (F-1 Hybrid). 43 days. Glossy, butter-yellow 5-6 in. fully crookneck fruits with upright, open bush habit. Outstanding variety.

*50 sds - $7.55 100 sds - $12.35 250 sds - $22.20 500 sds - $33.75 1,000 sds - $57.40 (26A0)*
**SQUASH, ZUCCHINI (continued)**

**CUCUZZI - 8095**
150-200 S. (Italian Zucchini). Heirloom. 100 days. Trailing (or vine) habit producing fruits 5 inches in diameter and 40-48 inches long when fully mature. Fruits have a light grey-green skin with white flesh. Popular Italian squash, a favorite in soups, stews and Italian cooking.

- 100 sds - $9.30  
- 200 sds - $16.55  
- 500 sds - $29.65  
- 1,000 sds - $48.85  
- 2,000 sds - $89.90

**EIGHT BALL - 8086**

- 50 sds - $9.80  
- 100 sds - $17.75  
- 250 sds - $34.25  
- 500 sds - $53.45  
- 1,000 sds - $92.80

**EASY PICK GOLD II - 8039**
180 S. (F-1 Hybrid). 32 days. Slender gold skinned variety. Good traditional zucchini variety with open habit making it easy to harvest. Slender fruit can be twisted to release nicely at the base of the receptacle with no neck damage. Short crop time, excellent eating quality, strong and uniform fruit color as well as continuous harvests make this a excellent variety. Slender fruit up to 10-inches but can be harvested at a smaller size if preferred. Enjoy fresh, roasted, steamed or baked.

**EASY PICK GREEN - 8040**
180 S. (F-1 Hybrid). 32 days. Slender green skinned variety. Good traditional zucchini variety with open habit making it easy to harvest. Slender fruit can be twisted to release nicely at the base of the receptacle with no neck damage. Short crop time, excellent eating quality, strong and uniform fruit color as well as continuous harvests make this a excellent variety. Slender fruit up to 10-inches but can be harvested at a smaller size if preferred. Enjoy fresh, roasted, steamed or baked.

- Each of the above: (25A0)  
  - 25 sds - $7.55  
  - 50 sds - $12.35  
  - 250 sds - $33.75

**GREEN GRILLER - 8105**
180 S. (F-1 Hybrid). 38 days. Fire up the barbeque and look no further for the perfect grilling summer squash. Very attractive, dark green appearance and have a rectangular shape. The unique shape of these 1lb. fruits make it easy to slice the long way to put on the grill and will not be difficult to turn over. Features a low, open bush habit with low spine count.

- 25 sds - $8.30  
- 100 sds - $20.70  
- 500 sds - $67.75

**SQUASH, ZUCCHINI (continued)**

**GOLD RUSH - 8054**
250 S. (F-1 Hybrid). (All America Winner - 1980). 52 days. Deep golden color on zucchini type fruit contrasting with the rich green stem. Fruits are 8 in. long, smooth and very uniform. A heavy producer of superior quality fruit with excellent flavor.

- 50 sds - $10.40  
- 100 sds - $19.60  
- 250 sds - $38.20  
- 500 sds - $59.95  
- 1,000 sds - $104.65

**ONE BALL - 8059**
300 S. (F-1 Hybrid). 50 days. Chalk one up to this excellent squash. This winner will keep you stocked with its flawless, golden spheres by the bushel. Ripening earlier than most other summer squash, the pool ball sized fruit just keep rolling for a continuous, heavy harvest. If growing conditions are just right, the fruit will bear a green star then lady luck is with you.

- 25 sds - $9.10  
- 100 sds - $23.70  
- 500 sds - $79.30

**SPINELESS BEAUTY - 8038**
180 S. (F-1 Hybrid). 43 days. Fruits are 7 1/2 to 8 1/2 in. long, glossy medium green and cylinder shaped. Produces outstanding yields of high quality, uniform fruits.

- 50 sds - $10.40  
- 100 sds - $19.60  
- 250 sds - $38.20  
- 500 sds - $59.95  
- 1,000 sds - $104.65

**SPINELESS PERFECTION - 8055**
New for 2020 3,000 S. (F-1 Hybrid). 44 days. Attractive, medium size straight fruits are borne on a spineless, open plant which makes harvesting easy. Multiple disease resistances keep the plants bearing over an extended period.

- 25 sds - $8.30  
- 100 sds - $20.70  
- 500 sds - $67.75

**WHITE SOUL - 8106**
90,000 S. The small creamy-yellow fruits are very tasty and unique looking. Many prefer the taste of this yellow-fruited type to the more common red strawberry. These are served in only the finest restaurants and are very easy to grow.

- Each of the above: (30A0)  
  - 1,000 sds - $7.25  
  - 5,000 sds - $35.10  
  - 10,000 sds - $62.85

**STRAWBERRY**
60,000 sds/oz      60°-62°     20 days
Strawberries are healthy for you, they will lower the risk of cancer; producing Lycopene, a cancer fighting anti-oxidant. Also will help flush fat from body cells. Sow seed about 6-10 weeks prior to sale. After sowing, cover seeds lightly with media. Maintain good moisture and 65° soil temperature. (Poor germination will result above 72°). Normal germination period is 14-25 days.

**ALEXANDRIA - 8108**
63,000 S. A gourmet treat and easy landscape plant. These decorative little plants produce delicious, aromatic red fruits, about twice the size of wild berries but much smaller than the standard type. Compact and produce few runners, making them suitable for rock gardens.

- 1,000 sds - $7.25  
- 5,000 sds - $18.45  
- 10,000 sds - $30.10  
- 25,000 sds - $61.85

**BERRI BASKET WHITE (PELLETED) - 8093PE**
20,000 S. (F-1 Hybrid). 75-85 days. Early, everbearing variety with compact, bushy plants creating bushy hanging baskets. Easy to grow, attractive creamy-white flowers above the deep green, shiny leaves. Will produce large, deep red full flavored berries until frost. (Use 3 plants per 10 in. basket).

**BERRIES GALORE ROSE (PELLETED) - 8094PE**
26,000 S. (F-1 Hybrid). 75 days. A runner-producing, everbearing variety that will yield large, tasty fruits until frost. Large, early pink blooms with deep green shiny leaves. Ideal for sales in tubs, baskets, beds, planters and window boxes.

**FRESCA - 8099**
57,500 S. 60 days. A very early, everbearing variety that produces medium sized fruit of outstanding quality and flavor.

- 50 sds - $7.55  
- 100 sds - $14.20  
- 250 sds - $28.40  
- 1,000 sds - $57.40

**WHITE SOUL - 8106**
83,000 S. Ongoing blooms, delicious fruits and easy to grow. Vigorous, runner less, heavy cropping variety with the same leaf, size and structure as the red only the white skin. Ideal for container gardens.

**YELLOW WONDER - 8107**
90,000 S. The small creamy-yellow fruits are very tasty and unique looking. Many prefer the taste of this yellow-fruited type to the more common red strawberry. These are served in only the finest restaurants and are very easy to grow.

- Each of the above: (30A0)  
  - 1,000 sds - $7.25  
  - 5,000 sds - $35.10  
  - 10,000 sds - $62.85
**SWISS CHARD**
8,000 sds/oz  75°  8 days
1 oz. for a 50 ft. row.

**BARESE - 8224**
2,500 S.  28 days.  Intended for baby leaf production.  Grows quickly.  Smooth, glossy dark green leaves with slightly curled edges and thick white stems.  Holds up well in a baby leaf mix and also good if allowed to grow out.

- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**BRIGHT LIGHTS - 8075**
1,000 S.  (All America Winner - 1998).  Maturity is 28 days for baby salad leaves or 55 days for mature bunching sized leaves.  An attractive multicolored swiss chard with various colored stems including gold, pink, red, and white.  Outstanding in a salad or for bunching.

- 500 sds - $7.25
- 1,000 sds - $11.75
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**ORIOLE - 8222**
2,300 S.  Maturity is 30 days for baby salad leaves or 60 days for mature bunching sized leaves.  Beautiful green leaves with orange stem contrast.  Milder flavor than other chards.  Can be used as an ornamental as well as a vegetable.

**PEPPERMINT - 8223**
1,200 S.  55 days.  Unique two-toned Swiss Chard.  Clean white stems sport blazing fuchsia streaks, making it not only one of the most eye-catching varieties, but its coloration also reveals a potent antioxidant content.  Topped off with wide, rumpled, savory lustrous green leaves provide ample harvests of wholesome fresh greens for both warm and cool weather plantings.  A splendid addition to salads and keeps its pink tones even if lightly steamed.  Great in cold weather soups, stews and casseroles.  But it’s so beautiful you may have trouble cutting it for kitchen use.

**LUCULLUS - 8077**
20 in. - 1,250 S.  Heirloom.  52 days.  Most popular type; yellowish-green leaves, heavily crumpled.  Wide with broad white ribs.

- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**RHUBARB RED - 8220**
1,500 S.  70 days.  An eye catching variety to add to your vegetable garden.  Dark red stems and veins contrast with green leaves to make a very pretty picture.  It has a nice mild flavor, and is less bitter than other varieties.  Tasty addition to salads.

- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55
TOMATO
7,000-9,000 sds/oz  75°-80°  7-14 days
Sow seed 6-8 weeks before time to plant out. Transplant 14-21 days after seeding. For best germination, cover seeds lightly after sowing. About 1/4 oz for a 100 ft row or 2 lbs per acre if direct seeded. If White Fly is a problem, plant Marigolds and Herb, Basil nearby to help repel the insects. Tobacco users should not come in contact with seedlings to prevent tobacco virus. Planting Radishes, Rue, and Pennyroyal will repel many insects.

Days indicated after each variety are from when plants are set out in the garden to ripe fruit. Indeterminate habit will require staking. Determinate habit may sometimes require caging.

Lycopene is a carotenoid that is abundant in Tomatoes and makes them red. It is a strong antioxidant and is helpful in preventing cancer. Processed and cooked tomatoes in sauces are more easily absorbed than raw tomatoes.

Increase your yields and fruit size by 2-4 oz. by growing on stakes or cages.

For your selection of disease resistant varieties, we have indicated after the variety the strength of the disease resistance: V = Verticillium resistant; F = Fusarium resistant; N = Nematode resistant; T = Tobacco Mosiac resistant; A= Alternaria Resistant.

AMISH PASTE - 8450
12,500 S. Heirloom. 74 days. Produces up to 12 oz., deep-red oxheart shaped, red plum tomatoes are firm, meaty and juicy with outstanding flavor. The mild and sweet fruit are borne in small clusters. Probably one of the largest paste tomatoes which dates back the turn of the century and is the best for sauces and canning. Not overly acidic. Indeterminate stake habit.

ARKANSAS TRAVELER - 8413
10,000 S. Heirloom. 80 days. A heavy yielding variety that will produce 6-8 oz. pink fruits through stressful hot weather. Outstanding flavor. Indeterminate stake habit.

AUNT RUBYS GERMAN GREEN - 8384
10,000 S. Heirloom. 80 days. Beefsteak type. Deliciously sweet flavor that is enhanced by a spicy undertone. Globe-shaped fruits are smooth skinned and are 12-16 oz., with light green skins at maturity and just a hint of yellow. Flesh is green blushed with pink, meaty and flavorful. Makes interesting juice. Indeterminate stake habit.

Each of the above: (29A0) 250 sds - $7.25 500 sds - $11.75 2,000 sds - $27.70

BERKELEY TIE-DYE GREEN
Crop failure. As a substitute, we suggest Berkeley Tie-Dye Pink.

BERKELEY TIE-DYE PINK - 8412
New for 2020. 10,500 S. 70 days. Unique appearance with heirloom flavor quality. 8-12 oz. fruits are dark pink with green striping, and the flesh is pink with yellow streaks. The flavor is outstanding, sweet and complex like the finest heirlooms. Indeterminate stake habit.

BETTER BOY VFN - 8533
9,500 S. (F-1 Hybrid). 68 days. This early home garden variety bears fruit all season long. Produces big 4-inch fruits that need very little staking. Fruits are sweet and meaty, with a much sought-after real tomato taste. If you love container gardening, definitely try this one. Determinate bush habit.

BETTER BUSH - 8560

BETTER BOY VFN - 8534
13,000 S. (F-1 Hybrid). 80 days. Very large, deep red, oblate shaped fruit in the 2 lb. range. Multiple disease resistance; beefsteak type, but tolerant of cracking and splitting. Indeterminate habit.

BEANS

BEEFMASTER VFN - 8534
10,500 S. (F-1 Hybrid). 80 days. Very large, deep red, oblate shaped fruit in the 2 lb. range. Multiple disease resistance; beefsteak type, but tolerant of cracking and splitting. Indeterminate habit.

BETTER BOY VFN - 8533
9,500 S. (F-1 Hybrid). 70 days. Large, firm red fruit in the 1 lb. range. Will produce deep red, globe shaped fruits, with a red meaty interior throughout the season. Cut in quarters and add to a fresh salad, slice for sandwiches, or eat sprinkled in salt or sugar. Excellent for eating fresh from the vine. Indeterminate stake habit.

Increase your yields and fruit size by 2-4 oz. by growing on stakes or cages.

For your selection of disease resistant varieties, we have indicated after the variety the strength of the disease resistance: V = Verticillium resistant; F = Fusarium resistant; N = Nematode resistant; T = Tobacco Mosiac resistant; A= Alternaria Resistant.

AMISH PASTE - 8450
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ARKANSAS TRAVELER - 8413
10,000 S. Heirloom. 80 days. A heavy yielding variety that will produce 6-8 oz. pink fruits through stressful hot weather. Outstanding flavor. Indeterminate stake habit.

AUNT RUBYS GERMAN GREEN - 8384
10,000 S. Heirloom. 80 days. Beefsteak type. Deliciously sweet flavor that is enhanced by a spicy undertone. Globe-shaped fruits are smooth skinned and are 12-16 oz., with light green skins at maturity and just a hint of yellow. Flesh is green blushed with pink, meaty and flavorful. Makes interesting juice. Indeterminate stake habit.

Each of the above: (29A0) 250 sds - $7.25 500 sds - $11.75 2,000 sds - $27.70

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Crop failure. As a substitute, we suggest Berkeley Tie-Dye Pink.

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Each of the above: (29A0) 250 sds - $7.25 500 sds - $11.75 2,000 sds - $27.70

TOMATO (continued)
TOMATO (continued)

BIG ZAC - 8393
Heirloom. (F-1 Hybrid). 80 days. Produces good yields of very large 4-6 lb. size red beefsteak fruits. They turn glossy red when mature. Perfect for sandwiches, salads and slicing. Developed by Minnie Zaccaria of New Jersey by crossing two heirloom varieties, its impeccable ancestors include both red and pink heirloom beefsteak types. Indeterminate stake habit.

- 25 sds - $9.10
- 50 sds - $15.95
- 100 sds - $23.70
- 250 sds - $46.90
- 500 sds - $79.30

BILTMORE - 8504
New for 2020 80-90 days. Built to be the best midseason tomato. Produces high yields of thick-skinned, crack resistant, 8-10 oz. oblate fruits. Great for canning, salads and sandwiches. Determinate stake habit.

- 25 sds - $8.20
- 50 sds - $17.75
- 100 sds - $26.65
- 250 sds - $53.45
- 500 sds - $90.85

BLACK KRIM - 8424
10,000 S. Heirloom. 69-80 days. One of our best tasting tomato! A most unusual novelty, 8-12 oz. Fruits are flattened, globe shaped, dark, deep-red to dark mahogany with heavy green shoulders. Interior is a deep, reddish-green color. Sweet heirloom from the Crimea peninsula of Russia. It has a rich, earthy taste. Matures extremely early. Indeterminate stake habit.

- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

BLACK PRINCE - 8458
12,500 S. Heirloom. 70-90 days. Another genuine Russian treasure. Its small to medium, oval fruits are very juicy and ripen to a beautiful, deep garnet red color. Fruits are about 2 in. in diameter, are uniform and blemish free. Full of juice and a good, rich flavor this variety should be a favorite in most gardens. Indeterminate stake habit.

- 500 sds - $9.80
- 1,000 sds - $17.75
- 2,000 sds - $26.65
- 5,000 sds - $53.45

BOX CAR WILLIE - 8409
11,500 S. Heirloom. 80 days. A heavy yielding variety producing 8-10 oz. smooth red fruits of excellent, sweet-tasting flavor. An excellent variety for eating fresh. Disease tolerance. Indeterminate stake habit.

- 500 sds - $6.25
- 1,000 sds - $12.50
- 2,000 sds - $17.50
- 5,000 sds - $35.65

BRANDYWINE BLACK (POTATO LEAF) - 8448
9,000 S. Heirloom. 80-90 days. Potato-leaf foliage. Maroon-red in color with outstanding tasting flesh. Each oval shaped fruit can weigh up to 2 lbs. Derived from a cross of Brandywine and either Black Prince or Cherokee Purple. Indeterminate stake habit.

- Each of the above: (29A0) 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70

TOMATO (continued)

BRANDYWINE PINK (POTATO LEAF) - 8411
9,000 S. Heirloom. 90 days. Potato-leaf foliage. Very large, reddish-pink fruits averaging 16-24 oz. each. The exquisite flavor of these very large fruits will delight! Beefsteak tomatoes are meaty and rich. Excellent fresh from the vine or cooked for sauces, pasta dishes or casseroles. Flavor is exceptional and of gourmet quality. Indeterminate stake habit.

- 2,000 sds - $110.10
- 5,000 sds - $256.00

BRANDYWINE RED (POTATO LEAF) - 8431
10,000 S. Heirloom. 90-100 days. Potato-leaf foliage. Large, deep scarlet-red, beefsteak fruits. Excellent flavor. Fruits can weigh up to 2 lbs. Excellent fresh from the vine or cooked for sauces, pasta dishes or casseroles. Indeterminate stake habit.

- 2,000 sds - $139.50
- 5,000 sds - $278.00

BURPEE BIG BOY - 8513
9,000 S. (F-1 Hybrid). 80 days. The most popular hybrid tomato! Large 14-16 oz. bright red fruits. Very productive. The fruits are smooth, firm, thick and meaty. Cut in quarters and add to a fresh salad, slice for sandwiches, or eat sprinkled with salt or sugar. Determinate stake habit.

- 100 sds - $10.40
- 200 sds - $20.80
- 500 sds - $35.65
- 1,000 sds - $71.30
- 2,000 sds - $110.10

BURPEE DELICIOUS - 8414
12,500 S. Heirloom. 77 days. Very large fruit, many 2 lbs. or more. Meaty, red fruits resist cracking. An excellent variety of good quality and flavor make these ideal for slicing and eating fresh on sandwiches. Indeterminate stake habit.

- 50 sds - $8.30
- 100 sds - $16.60
- 250 sds - $41.50
- 500 sds - $83.00
- 1,000 sds - $166.00

BUSH GOLIATH - 8460
8,000 S. (F-1 Hybrid). 68 days. Specially developed for patio gardeners and those with limited garden space and unsurpassed by any other bush variety. Huge 3-4 in. fruits packed with flavorful meat and high sugar content. Determinate stake habit.

- 50 sds - $8.30
- 100 sds - $16.60
- 250 sds - $41.50
- 500 sds - $83.00
- 1,000 sds - $166.00

BUSHY PEARL 8520
New for 2020 85-90 days. This variety is covered with very shiny, round, scarlet fruits each weighing 1-1 1/2 oz. A vigorous grower, high yielding, with an upright growth habit. The fruit is firm and smooth with medium sugar content. Determinate stake habit.

- 25 sds - $15.95
- 50 sds - $29.90

BUSH BEEFSTEAK - 8471
8,300 S. 62 days. This is the perfect sandwich-sized fruit with that satisfying beefsteak flavor. A wonderful compact, prolific, short and bushy plant that yields huge amounts of very early 8-10 oz., deep rich red fruits in clusters. A very popular variety for short growing regions. Indeterminate bush habit.

- 250 sds - $7.25 500 sds - $11.75
- 1,000 sds - $16.95 2,000 sds - $27.70
- 5,000 sds - $55.55

BUSH EARLY GIRL - 8561
16,000 S. (F-1 Hybrid). 63 days. High yielding sister of the traditional Early Girl; but with determinate bush habit. Bright red fruit, 6-8 oz. fruits. Good for areas with a short growing season. Perfect size for fresh salads or snacking. Disease resistant. Indeterminate bush habit.

- 50 sds - $9.80 100 sds - $17.75
- 250 sds - $34.25 500 sds - $53.45
- 1,000 sds - $92.80

CARBON - 8417
10,000 S. Heirloom. 80 days. One of the darkest, reddish-black tomato with a rich, complex flavor made this variety the winner of a recent heirloom tomato tasting at Cornell University. Produces large, 8-12 oz. crack resistant fruits-bigger than Cherokee Purple. Excellent for salads and sandwiches. Indeterminate stake habit.

- Each of the above: (29B0) 250 sds - $8.55
- 500 sds - $14.60 1,000 sds - $21.65
- 2,000 sds - $36.55 5,000 sds - $74.95

CASPIAN PINK - 8410
8,500 S. Heirloom. 85 days. Certified Organic. From Russia with flavor, large delectable pink fruits, yield large, finely flavored 12 oz., globe shaped, beefsteak fruits. Great either fresh or cooked. Indeterminate stake habit.

- Each of the above: (29B0) 250 sds - $8.55
- 500 sds - $14.60 1,000 sds - $21.65
- 2,000 sds - $36.55 5,000 sds - $74.95

CELEBRITY VFNT - 8563
6,500 S. (F-1 Hybrid). (All America Winner - 1984). 70 days. Large, 8 oz. deep red fruit that is firm and very flavorful. Multiple disease resistant. Determinate bush habit.

- 50 sds - $9.10 100 sds - $15.95
- 250 sds - $30.20 500 sds - $46.90
- 1,000 sds - $92.80

CHAMPION BUSH - 8463
10,000 S. (F-1 Hybrid). 65 days. One of the best varieties for small space gardens and containers, bar none. Compact, producing extra-early yields of big, 8-12 oz. fruits with excellent flavor. Determinate stake habit.

- 10 sds - $8.95 25 sds - $17.55
- 50 sds - $29.35 100 sds - $45.90
- 250 sds - $101.80

CHAMPION VFNT - 8568
7,000 S. (F-1 Hybrid). 65 days. An early-yielding, full-sized tomato with superior flavor and 10 oz. fruits. Solid, meaty and extra sweet and mild. Delicious sliced and eaten fresh on sandwiches, or sprinkle with salt or sugar and enjoy! Disease resistance. Indeterminate stake habit.

- 50 sds - $11.35 100 sds - $21.40
- 250 sds - $42.20 500 sds - $66.55
- 1,000 sds - $116.45

CHEF’S CHOICE ORANGE - 8415
8,000 S. (F-1 Hybrid). (All America Winner -2014). 75 days. Derived from the popular heirloom ‘Amana Orange’ which matures late in the season. Now you can experience the wonderful flavor of an orange heirloom. Wonderful bright, almost neon, internal color and superior flesh taste and texture. Average size fruits are 1.2 oz, but can weigh up to 1 lb. Excellent for soups and sauces because the intense color does not fade or discolor when cooked. Home chefs are going to love cooking with this variety. Indeterminate stake habit.

- Each of the above: (28B0) 100 sds - $7.25
- 200 sds - $12.20 500 sds - $20.70
- 1,000 sds - $33.10 2,000 sds - $59.65

CHEF’S CHOICE PINK - 8416
(F-1 Hybrid). (All America Winner - 2015). 80 days. Very large yields on 12-14 oz. pink beefsteak type. The perfect acid to sugar balance. Consider stewing or canning these beautiful fruits. Indeterminate stake habit.

- Each of the above: (28B0) 100 sds - $7.25
- 200 sds - $12.70 500 sds - $20.70
- 1,000 sds - $33.10 2,000 sds - $59.65

CHEROKEE CARBON - 8420

- 25 sds - $8.30 50 sds - $14.20
- 100 sds - $20.70 250 sds - $40.30
- 500 sds - $67.75

CHEROKEE PURPLE - 8418
11,000 S. Heirloom. 72 days. An unusual tomato with medium-large, flattened globe fruits that are dusky pink with darker pink/purple shoulders. The multicolor interior is purplish/pinkish. Abundant, fruits are very sweet and juicy with a smoky flavor. Thick, rosy brown skin resists cracking. Good foliage cover prevents sunburn. Relatively short, indeterminate vines. Indeterminate stake habit.

- 250 sds - $9.70 500 sds - $17.45
- 1,000 sds - $26.60 2,000 sds - $45.35
- 5,000 sds - $94.25

CREAM SAUSAGE
Sorry, no longer available.
### TOMATO (continued)

#### CRIMSON CUSHION (BEEFSTEAK) - 8422
13,000 S. Heirloom. 90 days. Fruits are large, 12-14 oz. bright scarlet, solid and somewhat flattened and ribbed. Very prolific, meaty, and juicy with a hint of acid. Just the right size for slicing fresh for sandwiches. A large wilt resistant variety. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>500 sds</td>
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<td>2,000 sds</td>
<td>$14.10</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$42.30</td>
</tr>
</tbody>
</table>

#### DEBUT - 8382
* New for 2020 * 70 days. Impatient for the first tomato. Early and flavor-filled fruits are 8-10 oz. perfect for slicing, fresh eating and cooking. The compact size is ideal for containers on a deck or patio. Determinate stake habit.

<table>
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<tbody>
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<td>100 sds</td>
<td>$26.65</td>
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<tr>
<td>500 sds</td>
<td>$53.45</td>
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</table>

#### EARLY GIRL II - 8565
10,000 S. (F-1 Hybrid). 52 days. Very early, 4-6 oz. tasty fruit throughout the summer. Early, medium-sized red fruits are excellent for eating fresh from the vine. Cut in quarters and add to a fresh salad, slice for sandwiches, or eat sprinkled with salt or sugar. Disease resistance. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>50 sds</td>
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<tr>
<td>250 sds</td>
<td>$30.20</td>
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<tr>
<td>1,000 sds</td>
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#### FOURTH OF JULY - 8537
9,000 S. (F-1 Hybrid). 49 days. The first to ripen by Independence Day. Produces 3-4 oz. medium small fruits all season long. Indeterminate stake habit.

<table>
<thead>
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<th>Quantity</th>
<th>Price</th>
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<tbody>
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</table>

#### GENUWINE - 8469
8,000 S. (F-1 Hybrid). Heirloom Marriage Collection. 70-75 days. Slicer tomato is a cross of Costoluto Genovese and Brandywine creates a tomato with all the flavor of its parents and fewer fruit blemishes. Fruit size is 10-12 oz. Slice and enjoy on your favorite summertime sandwich or use these rich flavor pink beefsteaks for a colorful tomato salad. The perfect tomato for a Caprese salad. Simply mix with fresh mozzarella, basil, vinegar and oil for a true taste of summer. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>25 sds</td>
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<td>100 sds</td>
<td>$20.70</td>
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<tr>
<td>500 sds</td>
<td>$67.75</td>
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</tbody>
</table>

#### GERMAN JOHNSON - 8423
12,000 S. Heirloom. 85 days. Large, pink skin with yellow shoulders, very mild, low acid, very meaty with few seeds. Size averaging 18-24 ozs. Tall plants with potato-leaf foliage. The Tomato - Johnson was named after Robert Gibbon Johnson. He was declared a hero in 1820 by eating a tomato in public in New Jersey. He attempted to greatly encourage the public acceptance of the fruit as not being toxic or poisonous. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>25 sds</td>
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<td>$27.70</td>
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<td>5,000 sds</td>
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#### GERMAN RED STRAWBERRY - 8462
10,000 S. Heirloom. 80 days. Oxheart type. Delicious, uniform fruits resembles strawberries, but are much larger, averaging 10 oz. and 3 1/2 in. long. Solid meat has few seeds and little juice, yet delivers big on taste. The perfect choice for sandwiches. Indeterminate stake habit.

<table>
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<tr>
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<tbody>
<tr>
<td>500 sds</td>
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<td>10,000 sds</td>
<td>$70.15</td>
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</table>

#### GLAMOUR - 8472
3,000-6,000 S. 75 days. Bush type. Dependable harvests of large, smooth, solid round 6-8 oz. red fruit. Thick walls and meaty texture. Mild and delicious flavor. Popular for canning. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
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<td>10,000 sds</td>
<td>$56.25</td>
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</table>

#### GOLD MEDAL - 8383
80-90 days. Very early for its size! Large bicolored fruit; yellow exterior with streaks of red in the interior. Wonderful 1 pound fruits are a repeat winner of many taste tests. A classic heirloom look, round and lobed with big blossom ends. See the beauty and enjoy the full, sweet, low acid tomato flavor. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>100 sds</td>
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<td>$17.70</td>
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<tr>
<td>2,000 sds</td>
<td>$49.55</td>
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</tbody>
</table>

#### GOLIATH - 8459
9,000 S. (F-1 Hybrid). 65 days. Every inch a king, from its beautiful, smooth, bright-red, deep oblate fruits averaging 10-15 oz., to a sweet, luscious flavor that lives up to its virtually blemish-free exterior. Modern disease resistant. Indeterminate stake habit.

<table>
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<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
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<td>500 sds</td>
<td>$90.85</td>
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### TOMATO (continued)

#### GREAT WHITE - 8503
10,000 S. 75 days. Superbly wonderful. Large, 1 lb. giant with creamy white fruit. The flesh is so good and deliciously fruity, reminds one of a mixture of fresh-cut pineapple, melon and guava. Mildly non-acid. Meaty with few seeds. Fruits are smoother than most large beefsteak types, and yields can be very high. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
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<tr>
<td>500 sds</td>
<td>$102.50</td>
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</table>

#### GREEN ZEBRA - 8427
12,500 S. 78-90 days. This is the most unusual variety you will ever grow. Fully ripened fruits are bright green, with stripes of a still lighter green. Unique and attractive, round, smallish, 2-4 oz. fruits have an excellent real tomato flavor. Delectable flavor is sweet but tangy. Determinate bush habit.

<table>
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<tbody>
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<td>5,000 sds</td>
<td>$67.95</td>
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</table>

#### HEALTH KICK - 8536
7,000 S. (F-1 Hybrid). 72 days. Bright red, 4 oz. plum-shaped fruits are delicious. A high yielding determinate saladette variety containing an extra 50% of high concentration of Lycopene, the antioxidant that may help to prevent certain types of cancer in the respiratory, digestive and prostate. Disease resistant. Determinate bush habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
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</table>

#### HEATMASTER - 8392

- **New for 2020** 75 days. Bred for hot and humid climates. High yields of globe-shaped, 7-8 oz., deep red fruits that are loaded with flavor. Perfect for sauces, pastes and canning. Excellent disease resistance. Determinate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
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#### HILLBILLY - 8428
10,000 S. Regular leaf. Heirloom. 85 days. Huge, mild flavored, beefsteak type fruits weigh 1-2 lbs. each, and are colored most unusual orange-yellow, streaked and mottled in shades of red and pink. Indeterminate stake habit.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>25 sds</td>
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<td>2,000 sds</td>
<td>$37.30</td>
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#### HOMESLICE - 8543
8,000 S. (F-1 Hybrid). 63 days. Vigorous but compact plants. 5-6 oz. fruits. Ideal for hanging baskets and perfect for patio containers and small gardens. Determinate bush habit.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>25 sds</td>
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<td>500 sds</td>
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#### HOMESTEAD - 8430
12,500 S. Heirloom. 80 days. Fruits are bright red, 8 oz. and are firm, meaty and very smooth. Slightly larger than a tennis ball. Highly adaptable and extremely well in hot and humid conditions. This is a great tomato for the Southern growers. Excellent for slicing or canning. Determinate bush habit.

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<th>Quantity</th>
<th>Price</th>
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<td>5,000 sds</td>
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#### HUSKY RED - 8547
7,000 S. (F-1 Hybrid). 68 days. Medium sized 5-7 oz. fruits with outstanding appearance and flavor. A different type of compact plant habit called dwarf indeterminate with attractive dark green foliage that requires no pruning. Well suited for container growing and will set fruit throughout the entire growing season. Heavy yielding and disease resistant.

<table>
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<th>Quantity</th>
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<tr>
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<td>250 sds</td>
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<tr>
<td>500 sds</td>
<td>$51.90</td>
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#### JERSEY DEVIL - 8381
Heirloom. 80 days. Unusual and intriguing, the fire engine red, 4-6 in., pointed tip fruit have the shape of a frying pepper. Fruits are very sweet, rich, full-flavored and meaty with few seeds. Great for making sauce and salsa. Indeterminate stake habit.

<table>
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<th>Quantity</th>
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<td>100 sds</td>
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<td>$23.70</td>
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<tr>
<td>1,000 sds</td>
<td>$38.35</td>
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#### JET STAR - 8590
11,000 S. (F-1 Hybrid). 72 days. Tasty, mild-flavored fruit matures early with tremendous yields. Large, attractive globes have few scars or cracks. Indeterminate stake habit.

<table>
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<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>50 sds</td>
<td>$8.30</td>
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<tr>
<td>100 sds</td>
<td>$16.60</td>
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<tr>
<td>250 sds</td>
<td>$41.50</td>
</tr>
<tr>
<td>500 sds</td>
<td>$69.20</td>
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</table>

#### JETSETTER VFN - 8512
8,000 S. (F-1 Hybrid). 64 days. Very early 8-10 oz, deep red oblate shaped fruits with outstanding flavor. Compare to Jet Star and you will see the difference. A high yielding variety with great flavor. Disease resistant. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>50 sds</td>
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<td>100 sds</td>
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<td>250 sds</td>
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<td>1,000 sds</td>
<td>$80.95</td>
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**NEW ITEM THIS YEAR**

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**Great White**

**Homeslice**

**Jersey Devil**

**Jetsetter VFN**

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**Tomato continued on next page**

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**TOMATO (continued)**

**JUBILEE - 8434**
9,000 S. (All America Winner - 1943). Heirloom. 80 days. Orange, 8 oz., non-acid, solid, sweet, smooth-skinned, medium-sized, golden orange fruits are heavily produced on plants that can be staked. Solid flesh has mild flavor and few seeds. Indeterminate stake habit.

- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

**KELLOGG'S BREAKFAST - 8429**
10,000 S. Heirloom. 80-85 days. Lovely, pale-orange fruits that are solid and meaty throughout, packed with mild, superb tasting flesh. A long season producer of large, beefsteak type fruits, up to 1 lb. with solid centers that have just a few seeds at the edges. Very desirable. Indeterminate stake habit.

- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 2,000 sds - $27.70
- 5,000 sds - $55.55

**LA ROMA II VF - 8541**
13,500 S. (F-1 Hybrid). 69 days. This improved variety offers higher yields of larger, tastier fruit on stronger plants. Bright red, pear- or plum-shaped fruit are thick and meaty with few seeds. Great tomato for cooking and canning. Vigorous, uniform plants bear an abundance of 4-7 oz. fruits. Determinate bush habit.

- 50 sds - $10.40
- 100 sds - $19.60
- 250 sds - $38.20
- 500 sds - $59.95
- 1,000 sds - $104.65

**LEMON BOY - 8540**
12,000 S. (F-1 Hybrid). 72 days. The first really true yellow variety, not golden. A heavy producer of 7-8 oz. fruits that are very tasty and mild. Beautiful bright fruit with mild flavor. Plants adapt well to variable conditions. Wonderful in fresh salads or vegetable trays. Indeterminate stake habit.

- 50 sds - $9.10
- 100 sds - $15.95
- 250 sds - $30.20
- 500 sds - $46.90
- 1,000 sds - $80.95

**LITTLE NAPOLI - 8445**
8,000 S. (F-1 Hybrid). 60-65 days. A great performer in containers, this is one of the only patio-type romas available and it has disease resistance for better gardening success. Yields large amounts of 2 - 2 1/2 in., tasty paste tomatoes for such a small plant, so gardeners can actually harvest enough at one time to make a batch of salsa or sauce. Determinate bush habit.

**LITTLE SICILY - 8538**
60-65 days. Produces an abundance of good tasting, 3-4 oz., small red slicer fruits that are great eaten fresh or used in recipes. Best for home gardener container, grown with or without a support or trellis. Determinate bush habit.

- Each of the above: (25A0) 25 sds - $7.55
- 50 sds - $12.35
- 100 sds - $17.70
- 250 sds - $33.75
- 500 sds - $56.20

**MARGLOBE VF - 8436**
12,000 S. Heirloom. 75 days. An improved disease resistant strain. Red fruit; smooth and solid 6 oz. fruit that is crack resistant. Highly adaptable old-time favorite producing high yields of almost perfectly globe-shaped tomatoes. The large, thick-walled sweet fruits are great for eating fresh or canning. Indeterminate stake habit.

- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

**MARZANO FIRE - 8555**
80 days. San Marzano type. An exciting new paste tomato. Fruits are red with yellow stripes. The dry, meaty flesh and few seeds makes this an excellent choice for sauces. Vines are vigorous and productive. Indeterminate stake habit.

- 25 sds - $8.30
- 100 sds - $17.70
- 500 sds - $56.20

**MARZINERA - 8426**
7,500 S. (F-1 Hybrid). 70-75 days. Heirloom Marriage Collection. Roma type. Red, 2-3 oz., roma/paste tomato is a cross of San Marzano and Cream Sausage. Large fruit set combined with great traditional taste and elongated fruit shape make this great to cook with. Indeterminate stake habit.

- 25 sds - $8.30
- 100 sds - $17.70
- 500 sds - $56.20

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**Vegetables** | Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed
MEGA BITE - 8545
9,000 S. 70 days. Expect large, tasty fruits from these compact plants. Naturally dwarf patio container variety, produces 20 to 30 and more tasty, large beefsteak-type juicy fruits that measure 3-4 inch diameter and 4 to 6 ounce in size. Determinate bush habit.

<table>
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<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>50 sds</td>
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<tr>
<td>250 sds</td>
<td>$42.20</td>
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<td>1,000 sds</td>
<td>$116.45</td>
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MORTGAGE LIFTER - 8408
11,000 S. (Radiator Charlie). Heirloom. 85 days. Large, slightly flattened, pink-red fruits that range from 1-2 lbs. Very meaty, great flavor and with few seeds. Legend says Radiator Charlie named the tomato after its excellent crop helped him to pay off a farm about to be foreclosed on. It offers big, delicious slices for sandwiches. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tbody>
<tr>
<td>250 sds</td>
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<td>1,000 sds</td>
<td>$16.95</td>
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<td>5,000 sds</td>
<td>$55.55</td>
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MOUNTAIN FRESH - 8592
12,500 S. 79 days. (F-1 Hybrid). Big red 8-16 oz. slicers with good flavor. The most widely-grown and able to tolerate cool and wet conditions. Determinate stake habit.

<table>
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<tr>
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<td>500 sds</td>
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MOUNTAIN MERIT (PELLETED) - 8457PE
(F-1 Hybrid). (All America Winner - 2014). 75 days. Nice all-around tomato, medium large, 8-10 oz. Perfect for slicing and sandwiches. With a 4-5 week harvest window, these dark red fruits grow on a compact, uniform plant and offer good resistance to multiple diseases common to home grown tomatoes. Determinate bush habit.

<table>
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<tbody>
<tr>
<td>25 sds</td>
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<td>100 sds</td>
<td>$28.15</td>
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<tr>
<td>500 sds</td>
<td>$96.60</td>
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</table>

MOUNTAIN PRIDE - 8593
8,500 S. 70 days. (F-1 Hybrid). Deep red, crack resistant with firm flavorful flesh. Good yields. The 8 oz. fruit is jointed (comes off the plant with a piece of stem attached). Determinate stake habit.

<table>
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<tbody>
<tr>
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<tr>
<td>1,000 sds</td>
<td>$69.20</td>
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</table>

30% Discount Off your Seed Orders of $500 or more when booked by Oct 31st!
PLUS! 30% off future orders of $250 or more until June!
**TOMATO (continued)**

**OXHEART RED - 8442**
13,000 S. Heirloom. 90 days. Oxheart type. Extra large, heart-shaped reddish-pink fruit, few seeds, mild flavor. Fine variety, meaty fruits have good old-fashioned tomato flavor. Tomatoes are delicious eaten fresh from the vine, sliced for salads, or added to sauces and casseroles. Non-acid. Indeterminate stake habit.
- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $95.55

**PAISANO - 8557**
(F-1 Hybrid). 68 days. San Marzano type. Thick-walled, 4-5 oz. fruits in the true San Marzano shape. Good flavor and high solids. Most of the bright red fruits are blunt tipped, so they will not crush during harvesting. Makes outstanding soups and ketchup, fruits are not only fine for peeling and canning but delicious for fresh eating. Indeterminate stake habit.
- 50 sds - $9.10
- 250 sds - $42.20
- 1,000 sds - $116.45

**PARK’S WHOPPER - 8573**
9,000 S. (F-1 Hybrid). 65 days. A home gardeners dream. Fruits are 4 in. or more and produces a good yield of beautiful big tasty red fruits. Ripens uniformly, even when the weather is overcast. Excellent for salads and sandwiches. Crack and disease resistant. Indeterminate stake habit.
- 50 sds - $9.10
- 250 sds - $42.20
- 1,000 sds - $116.45

**PATIO F - 8544**
10,000 S. (F-1 Hybrid). 70 days. A sturdy, dwarf, upright plant with dark crinkled foliage. Medium size deep oblate shaped fruit with good color, smooth firm fruit of quality. Grows 24-30 in. tall and should be staked. Fine for growing in tubs and containers for the gardener with limited space. Disease resistant. Indeterminate bush habit.
- 50 sds - $9.10
- 250 sds - $42.20
- 1,000 sds - $116.45

**PAUL ROBESON - 8387**
10,500 S. 80-90 days. Certified Organic. A Russian heirloom that continues to be a favorite in taste test competitions. Brick red, 8-12 oz. fruits have dark green shoulders and red flesh. Flavor is exceptional with a nice balance of sweetness and acidity. Named in honor of the famous opera singer and civil rights activist. Indeterminate stake habit.
- 250 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

**PERFECT FLAME - 8468**
7,000 S. (F-1 Hybrid). Heirloom Marriage Collection. 65-70 days. Saladette tomato (typically meatier and less juicy than other types) is a cross of Peron and Flamme. Fruits size is 12-15 oz. Roma type. Distinctive heirloom look and flavor with better garden performance. The best choice for canning, sauces and salsa. With less juice, sauce making time is half that of salad types and with higher soluble solids and viscosity, flavor is doubled. Also the best type for fresh cooking. Provides earlier and higher yields with fewer fruit blemishes. Indeterminate stake habit.
- 25 sds - $8.30
- 100 sds - $20.70
- 500 sds - $67.75

**PINK GIRL VF - 8527**
8,500 S. (F-1 Hybrid). 75 days. Beautiful 8 oz. pink fruits that are crack resistant. Medium-sized pink fruits are low acid. Their rich flavor makes them perfect for eating fresh or in cooking. Disease resistant. Indeterminate stake habit.
- 50 sds - $9.10
- 250 sds - $30.20
- 1,000 sds - $80.95

**PONDEROSA RED - 8444**
13,000 S. Heirloom. 85 days. An old time favorite, extra-large, beefsteak type with mild flavor. Almost seedless, with low-acid, solid, meaty, deep red flesh. Indeterminate stake habit.
- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**PRUDEN’S PURPLE - 8403**
12,000 S. Heirloom. 75 days. Large potato leaf vine produces lots of 1 lb., slightly flattened, pretty, blemish-free, purple-pink fruits with few tomato seeds and excellent flavor. An early Brandywine-type variety that is heavy yielding. Indeterminate stake habit.
- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**PINK BOY - 8591**
10,000 S. 80 days. Deep violet color, intense sweet flavor and stunning violet-purple hues. Slightly ridged and very symmetrically shaped, fruits combine juiciness with a strong tomato tang. Indeterminate stake habit.
- 25 sds - $9.80
- 100 sds - $26.65
- 500 sds - $90.85

**ROMA VF - 8454**
12,000 S. Heirloom. 75 days. Plum shaped 2 oz. fruit, ideal for paste or puree. Fusarium and Verticillium resistant. Indeterminate bush habit.
- 500 sds - $7.25
- 2,000 sds - $14.10
- 10,000 sds - $42.30

**PERDIE’S RED - 8540**
10,000 S. Heirloom. 85 days. A heavy yielding producer. Medium size deep scarlet red fruit. Excellent for fresh eating, salsas, and sauce making. Disease resistant. Indeterminate stake habit.
- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**RED RAGSTRAW - 8450**
12,000 S. Heirloom. 75 days. Medium sized, dark red, very heavy yielding. Indeterminate stake habit.
- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**RED BULL - 8550**
10,000 S. Heirloom. 70 days. Medium size, deep red, very heavy yielding. Indeterminate stake habit.
- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 5,000 sds - $55.55

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- 250 sds - $7.25
- 500 sds - $11.75
- 1,000 sds - $16.95
- 5,000 sds - $55.55
TOMATO (continued)

RUGGED BOY - 8435
7,000 S. (F-1 Hybrid). 75 days. Smooth, red, 6-8 oz. fruits, grown on hardy, high yielding plants. Fruits are very sweet, meaty, juicy with exceptional flavor. A tomato with beauty and brawn, tastes as good as it looks and is super tough on diseases. Makes the perfect slicer for burgers and sandwiches. Suitable for containers, patios or small gardens where space is very limited. Determinate bush habit.

- 25 sds - $9.80
- 100 sds - $26.65
- 500 sds - $90.85

RUTGERS VF - 8455
12,500 S. Heirloom. 75 days. An improved disease resistant strain. Fruit is 6 oz. bright red; globular with smooth, thick walls that are crack resistant. Excellent midseason growth and full-bodied flavor. This all-purpose variety is ideal for canning. Can be staked. Determinate bush habit.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

SAN MARZANO - 8551
12,500 S. 80 days. A little later than Roma, with superb flavor in slightly rectangular-shaped fruits, 3-1/2 in. by 1-1/2 in., that are bright red and hang in large clusters. Holds well on the vine and in storage. Extra-high solid content is perfect for canning. Indeterminate stake habit.

- Each of the above: (30A0)
- 500 sds - $7.25
- 1,000 sds - $14.10
- 5,000 sds - $42.30

SAUSAGE - 8550
9,500 S. Heirloom. 75 days. Unusually shaped fruit, up to 6 in. long that look like huge, red banana peppers. Excellent for making ketchup, paste and sauces. Also suitable for canning. Indeterminate stake habit.

- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55

STELLAR - 8394
10,000 S. 70-75 days. Will produce many round, red, slicing tomatoes weighing about 5-7 oz. Perfect for all uses. Determinate bush habit.

- 25 sds - $10.40
- 100 sds - $25.60
- 500 sds - $90.85

STRIPE ROMAN - 8515
12,000 S. Heirloom. 80-90 days. Roma type (Speckled Roman). Stunning and unique. Bright red fruit with long, wavy orange stripes. Very thick and meaty with a nice rich flavor. Moderately compact and have a good yield. Indeterminate stake habit.

- 250 sds - $9.70
- 500 sds - $19.40
- 1,000 sds - $38.80
- 2,000 sds - $77.60
- 5,000 sds - $194.00

SUMMER PICK - 8398
- New for 2020
75 days. Beefsteak type. Fruits are an enormous 11 oz. bursting with meaty, juicy, sweet flavor and ripens evenly, with a good round shape and glossy skin. Heavier than it looks, it is simply jam-packed with true tomato tang. Grows readily in a large pot, tub or other containers. Perfect for the patio or deck. Determinate stake habit.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

SUNRISE SAUCE - 8395
14,000 S. (F-1 Hybrid). 55-60 days. The only professional non-heirloom orange roma/paste cooking tomato on the market. Will yield large amounts of 3-4 oz. fruits at a time to harvest, enough to make a batch of sauce or salsa. Small plants are ideal for small space gardens and large containers. Easy to peel fruits are sweet and meaty, with a taste like traditional romas. Determinate bush habit.

- 25 sds - $9.10
- 100 sds - $23.70
- 500 sds - $79.30

SUPER FANTASTIC VFN - 8589
8,000 S. (F-1 Hybrid). 70 days. A heavy producer of 10 oz. smooth, solid, red, meaty fruits throughout the summer. Plenty of juice and flavor. Great for fresh eating, cooking or canning. Disease resistant. Indeterminate stake habit.

- 25 sds - $9.80
- 100 sds - $26.65
- 500 sds - $90.85

SUPERSTEAK VFN - 8516
8,500 S. (F-1 Hybrid). 80 days. Large, smooth beefsteak type fruits most weighing in at 2 lbs. Meaty texture and very versatile. Indeterminate stake habit.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

TOMATO continued on next page
**Vegetables**

**Order Seed, Plants, Plugs and Tags**
by phone at 800.380.4721 or online at germaniaseed

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**TOMATO (continued)**

**TEN FINGERS OF NAPLES - 8517**
10,500 S. Heirloom. 75 days. Produces heavy yields of 3 oz. red roma type fruits. Thick walls are meaty and very flavorful. Perfect to making sauce, puree, pasta, salsa, cooking and canning. Determinate stake habit.

- 250 sds - $8.55
- 1,000 sds - $21.85
- 5,000 sds - $74.95

**(2980)**

**TIDY ROSE - 8539**
8,000 S. 60-65 days. Beefsteak type. Ribbed, 5 to 7 oz., deep pink fruits with rich heirloom flavor are perfect for any culinary use. Determinate bush habit.

- 25 sds - $7.55
- 100 sds - $17.70
- 500 sds - $56.20

**(25A0)**

**UKRANIAN PURPLE - 8378**
10,000 S. (AKA Purple Russian). 80 days. Meaty, plum-shaped, 6 oz. fruits are 3-4 in. long. Fruits are sweet and flavorful making them a good choice for eating fresh, salsa and sauces. High yielding plant produces purplish-black, smooth skinned fruits that are a crack resistant. Determinate stake habit.

- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55

**(28A0)**

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**VALENCIA - 8464**
8,500 S. Heirloom. 76 days. Produces good yields of 8-10 oz., orange fruits. Meaty and delicious with few seeds. Fruits have a sweet and tangy flavor. It ripens earlier than many other orange varieties making it a good choice for gardeners with shorter seasons. Excellent for salads and sandwiches. Indeterminate stake habit.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**(29A0)**

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**WISCONSIN 55 - 8466**
5,000 S. Heirloom. 78 days. Back by popular demand! Bred by the University of Wisconsin in the 1940s, this is an excellent and versatile tomato with great flavor and lots of sweetness. Smooth, large tomatoes are about 8 oz. and as pretty as can be. Extremely productive and thrive in a wide-range of growing conditions. This old-time favorite is sure to become a new favorite once you give it a try. Indeterminate stake habit.

- 250 sds - $7.25
- 1,000 sds - $16.95
- 5,000 sds - $55.55

**(29A0)**

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**YELLOW FIRE - 8554**
15,500 S. 85 days. Yellow bicolor with yellow stripes. Selected for firmness and fresh flavor characteristics. Great to use in Caprese salads. The marbled flesh is very attractive and the fresh flavor is comparable to beefsteaks, when fruits are fully ripe. Firm fruits (slightly pre-ripe, but full color) are also excellent for making sauces and for canning. Indeterminate stake habit.

- 50 sds - $8.30
- 250 sds - $26.15
- 1,000 sds - $69.20

**(2680)**

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**ARTEMIS - 8501**
(F-1 Hybrid). 50-55 days. Rich, sweet flavor and unique, crisp, firm texture. Fruits are round and about 1 in. Performs well in high tunnels and open fields, benefiting from resistance to Fusarium Race 1and 2, Tobacco and Tomato Mosaic Virus, Nematodes and Leaf Mold. Indeterminate stake habit.

- 10 sds - $7.25
- 50 sds - $20.70
- 250 sds - $69.10

**(24A0)**

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**BABY ROMA - 8377**
21,000 S. (AKA Cherry Roma). 75-80 days. Roma type. Certified Organic. Produces bountiful sets of 1 in. long, plum-shaped fruits with a surprising flavor thats both sweet and spicy at the same time. A real tasty treat when eaten fresh or dried to enjoy all year long. Indeterminate stake habit.

- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55

**(28A0)**

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*NEW ITEM THIS YEAR*
TOMATO, SMALL FRUITED (continued)

BLACK CHERRY - 8421
20,800 S. Heirloom. 64 days. The incredibly sweet, fruity flavor is as appealing as the fruit is genuinely beautiful. Dark, chocolate colored fruits are perfectly round, 3/4-inch diameter. Irresistible right off the vine. A unique addition to the color spectrum of cherry tomatoes that are now available. Delicious eaten fresh from the vine, on salads, or added to sauces and casseroles. Indeterminate stake habit.

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BLUSH - 8497
15,000 S. 75 days. (Blush Tiger). Certified Organic. Beautiful fruits that start out clear yellow, but later blush with pink streaks that are ripe and ready to get picked. Delightful lillies fruits are about 2 in. long and shaped like elongated grapes. Indeterminate stake habit.

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CHERRY FALLS - 8375
11,000 S. (F-1 Hybrid). 70 days. Bred for hanging basket production and produces big yields of medium-size red cherry fruit from its cascading type plant. Red fruits are approximately 1-1/2 in. diameter and have great sweetness and a pleasing flavor. Semi-determinate habit.

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CHOCOLATE CHERRY - 8385
20,000 S. 70 days. These cherries have an attractive port wine colored flesh and skin with a comparably delicious and multifaceted flavor. The super productive plants produce trusses of 1 in. round fruit. Indeterminate stake habit.

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CHOCOLATE SPRINKLES - 8487
11,300 S. (F-1 Hybrid). 50-55 days. Unique fruit color of red with dark green overlay/striping for a chocolatey appearance. 1-1/2 in. diameter fruits. Very productive, with tasty and crunchy fruits. Crack resistant fruits have an attractive striped pattern. Great in salads or eaten straight off the plant. Indeterminate stake habit.

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TOMATO, SMALL FRUITED (continued)

Our PLANT/PLUG Catalog lists over 15,500 items in over 50 sizes!
Many items have Early Order Discounts available -
Be sure to take advantage of these savings by placing your orders early!
TOMATO, SMALL FRUITED (continued)

CURRENT YELLOW - 8492
26,000 S. 65 days. Produces heavy yields of small yellow cranberry shaped fruits. Excellent for salads, garnishes or gourmet dishes. Indeterminate stake habit.

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FANTASTICO - 8446
13,500 S. (F-1 Hybrid). (All America Winner - 2014). 50 days. A must for any market grower or home gardener looking for an early maturing, high yielding grape tomato with built in Late Blight tolerance. A unique, well flavored, 1/2 oz. grape shaped fruit. Long clusters of sweet tasty fruits are held toward the outside of the plant, making them very easy to harvest but if you let them go a few days past peak, these little beauties resist cracking better than the comparisons used in the trials. Great for hanging baskets, container gardens as well as in small gardens. Determinate bush habit.

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<td>$34.55</td>
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<tr>
<td>250 sds</td>
<td>$75.55</td>
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GARDENER’S DELIGHT - 8483
41,000 S. Heirloom. 65 days. A heavy yielder of small, very sweet 1 in. red cherry tomatoes. Its nice to have a cherry tomato plant for popping a few of these sweet delights into your mouth while gardening. Indeterminate stake habit.

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<td>5,000 sds</td>
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GERANIUM KISS - 8374
13,000 S. 65 days. One of the most beautiful tomato plants you will see with deep green rugose leaves on dwarf, bushy plant. Produces loads of golf ball sized, bright red fruits that are round with pointed ends. Fruits have good texture and exceptional flavor and grow in clusters of 10 or more and weigh about 1 oz. each. Would make an excellent tomato for urban and container gardens. Determinate stake habit.

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<td>1,000 sds</td>
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GRAPE - CUPID - 8400
13,000 S. (F-1 Hybrid). 66 days. This is the ultimate in small fruited, grape-shaped tomatoes. Far superior, 1/2 oz. (20 grams) fruits have more natural sugars, with higher productivity. Fruits are 1-inch, firm but juicy and supremely sweet, with just enough tomato tang. Great in salads or for snacking. Disease resistant. Indeterminate stake habit.

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GRAPE - ELF
Crop failure. As a substitute, we suggest Grape - Solferino.

GRAPE - RUBY CRUSH - 8596
NEW! 65-70 days. Brilliant red, 1 1/2 in. long fruits has excellent flavor, shelf life and resistance to cracking. Good vigor and produces early impressive yields with continuous sets and full clusters of very firm fruit of excellent quality. Well suited for single fruit harvest and adapted for both indoor and outdoor production. Indeterminate stake habit.

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<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>10 sds</td>
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<tr>
<td>25 sds</td>
<td>$16.60</td>
</tr>
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<td>$43.10</td>
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<tr>
<td>250 sds</td>
<td>$95.25</td>
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</tbody>
</table>

GRAPE - ROJITA
Crop failure. As a substitute, we suggest Grape - Sweet Zen.

GRAPE - SOLFERINO
Crop failure. As a substitute, we suggest Grape - Sweet Zen.

GRAPE - SWEET HEARTS - 8597
NEW for 2020 73 days. Brilliant red, 1 1/2 in. long fruits has excellent flavor, shelf life and resistance to cracking. Good vigor and produces early impressive yields with continuous sets and full clusters of very firm fruit of excellent quality. Well suited for single fruit harvest and adapted for both indoor and outdoor production. Indeterminate stake habit.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 sds</td>
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<tr>
<td>50 sds</td>
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<tr>
<td>100 sds</td>
<td>$51.55</td>
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<tr>
<td>250 sds</td>
<td>$114.90</td>
</tr>
</tbody>
</table>
**TOMATO, SMALL FRUITED (continued)**

**GRAPE - SWEET ZEN - 8595**
- New for 2020
- 60 days. Early maturity and bright red fruit weighing 1/2 oz. (13-14 grams). Good brix and is tolerant to heat. Firm fruit handles shipping well. Can be used outdoors or indoors and is an excellent-harvest type. Determine stake habit.
  - 25 sds - $9.80
  - 100 sds - $26.65
  - 500 sds - $90.85

**GRAPE - VALENTINE - 8598**
- New for 2020
- 55 days. (F-1 Hybrid). (All America Winner - 2018). An appetizing deep-red colored fruits weighing 1/2 oz. (12-14 grams) has a very sweet (Brix of 7-9) taste and will hold longer on the vine without cracking or losing the excellent eating quality. Quite prolific and will mature earlier than the comparisons used for this entry. Tomato lovers will appreciate the sweet, firm flesh that is meaty enough to resemble a Roma tomato but in a smaller, grape-type size. Indeterminate stake habit.
  - 10 sds - $10.50
  - 50 sds - $38.10
  - 250 sds - $134.60

**GRAPE - YELLOW - 8525**
  - 25 sds - $10.20
  - 100 sds - $18.70
  - 500 sds - $96.60

**HELIX - 8582**
- 17,000 S. (F-1 Hybrid). 50-55 days.
- Experience the taste of Summer with a perfect balance of sweet and acid from the 1 in. red cherry fruits. With early-ripening fruit and high yields makes for perfect fresh eating. Indeterminate stake habit.
  - 10 sds - $7.25
  - 50 sds - $20.70
  - 250 sds - $69.10

**TOMATO, SMALL FRUITED (continued)**

**INDIGO BLUE BERRIES - 8386**
- 34,000 S. 75 days. Certified Organic. Blueberries is as appealing to the palate and eye as its name implies. Plants produce trusses of the delightfully delectable little, 1-2 oz. fruits. The green fruit quickly develop purple tops and crimson bottoms, ripening to a midnight black tons with deep, maroon colored bottoms. For the best flavor, which has been described as sparkling, harvest when the colors have deepened and the fruit is soft to the touch. Indeterminate stake habit.
  - Each of the above: (25A0) 25 sds - $7.55
  - 50 sds - $12.35
  - 250 sds - $33.75

**INDIGO ROSE - 8470**
- 15,000 S. 80 days. Darkest tomato bred so far has a dark purple pigment in its skin when exposed to direct sunlight. Green when unripe, purple-red when ripe, the 1-2 oz., cocktail sized fruits have a good flavor with plummy overtones. Exceptionally high in anthocyanins. Organically grown seed. Indeterminate stake habit.
  - Each of the above: (25A0) 25 sds - $7.55
  - 50 sds - $12.70
  - 250 sds - $33.75

**INDIGO GOLD BERRIES - 8390**
- 75-80 days. Certified Organic. Incredibly gorgeous little jewels! Unique fruits are amethyst purple and they ripen to gold. Long clusters are packed with small, 1/2 in. fruits. The flavor is very sweet and rich, an all around crowd pleaser and sure to be extremely popular at market. Sunburn and crack resistant and the fruits hold well on the vine or in storage. Indeterminate stake habit.
  - Each of the above: (25A0) 25 sds - $7.55
  - 50 sds - $12.70
  - 250 sds - $33.75

**TOMATO, SMALL FRUITED (continued)**

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NEW ITEM THIS YEAR 155
**Vegetables | Order Seed, Plants, Plugs and Tags** by phone at 800.380.4721 or online at germaniaseed

<table>
<thead>
<tr>
<th>Variety</th>
<th>Type</th>
<th>Description</th>
<th>Order Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ISIS CANDY</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>6,500 S. Heirloom. 90 days. Beautiful bicolor fruits of rose-red with yellow-gold marbling, often with a starburst pattern at the blossom end. Besides their unusual beauty, these fruits have a delicious flavor best described as wonderfully rich and fruity, not just sugary sweet. Heavy clusters of 1 in. round fruits throughout the season. Indeterminate stake habit.</td>
<td>029A0</td>
<td>$14.60</td>
</tr>
<tr>
<td><strong>JASPER</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>18,500 S. (F-1 Hybrid). (All America Winner - 2013). 60 days. Small, round, deep red cherry fruits are crack resistant, borne on small trusses and store on the plant well, resisting cracking and rot. The texture is pleasantly chewy and the flavor is sweet and rich. Extra vigorous and tall, staying healthy for a long picking period. Indeterminate stake habit.</td>
<td>024C0</td>
<td>$8.25</td>
</tr>
<tr>
<td><strong>JULIET</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>8,000 S. (F-1 Hybrid). (All America Winner - 1999). 60 days. Very sweet, red, one ounce cherry tomatoes are produced in clusters like grapes on the long, vigorous, indeterminate vines. CRACK and disease resistant. Indeterminate stake habit.</td>
<td>002C0</td>
<td>$9.10</td>
</tr>
<tr>
<td><strong>LITTLE BING</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>15,000 S. 60-65 days. Yields large amounts of flavor filled, 1 in. red cherry fruits for fresh eating or to add to recipes. Fruits sets and ripens over a period of a few weeks, allowing harvest of many tomatoes at one time. Best for home gardener containers grown with or without a support or trellis. Determinate bush habit.</td>
<td>025B0</td>
<td>$6.20</td>
</tr>
<tr>
<td><strong>MEXICO MIDGET</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>60-70 day. Old-time, south of the border favorite that continues to prove its value as a salad tomato. Tiny nickle-sized red, cherry-type fruits weigh down trusses with prolific yields throughout an extended growing season. Round 1/2 in. fruits explode with irresistible flavor. Very reliable. Indeterminate stake habit.</td>
<td>025G0</td>
<td>$10.70</td>
</tr>
<tr>
<td><strong>MIDNIGHT SNACK</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>12,000 S. (F-1 Hybrid). (All America Winner - 2017). 65-70 days. Unique indigo-type cherry tomato that ripens red with a beautiful glossy black-purple overlay when exposed to sunlight due to the accumulation of anthocyanin pigment-sure to capture attention at retail and on the farm stand. Fruit size is 1 1/2 in. Great in salads or eaten straight off the plant, a guilt-free treat any time of the day or night. Indeterminate habit.</td>
<td>026A0</td>
<td>$15.95</td>
</tr>
<tr>
<td><strong>MINT JULEP</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>80 days. Certified Organic. Small plum or pear-shaped fruits average 1-2 oz. in size. Smooth thin yellow skin is covered with olive and minty green specks. Interior is a bright lime color with solid fleshy walls. Juicy texture and considerably sweeter and less tart flavor than other green varieties. Pairs well with soft cheeses and can be enhanced by herbs and spices. Indeterminate stake habit.</td>
<td>025C0</td>
<td>$14.20</td>
</tr>
<tr>
<td><strong>ORANGE ZINGER</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>7,000 S. (F-1 Hybrid). 60 days. Crack resistant variety yields more usable fruits the Sun Gold. High-yielding, great tasting, dark orange cherry tomato. Big tomato flavor balances of sweet and tangy. Determinate stake habit.</td>
<td>025A0</td>
<td>$6.20</td>
</tr>
<tr>
<td><strong>PEARDROPS YELLOW</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>15,000 S. 55 days. Trailing variety with highly attractive pear shaped fruit and a delicious flavor. Traditional green shouldered variety that has a good flavor balance of sweetness and acidity. Useful for mixed baskets and containers or even hanging baskets. Indeterminate stake habit.</td>
<td>026B0</td>
<td>$12.35</td>
</tr>
<tr>
<td><strong>RED CHERRY LARGE</strong></td>
<td><strong>SMALL FRUITED</strong></td>
<td>22,000 S. Heirloom. 70-80 days. 1 1/2 to 2-inch cherry shaped red fruits. Strong and vigorous plants produce good yields with fruit growing in clusters. Good for snacking, salads and vegetable trays. Disease resistance. Indeterminate stake habit.</td>
<td>026D0</td>
<td>$11.75</td>
</tr>
</tbody>
</table>

*Note: Prices are subject to change and availability.*
<table>
<thead>
<tr>
<th>TOMATO, SMALL FRUITED (continued)</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>PINK TIGER - 8490</strong></td>
<td><strong>ROSSO SICILIAN - 8376</strong></td>
</tr>
<tr>
<td>27,000 S.  70 days. Certified Organic. Elongated pink fruit with yellow-orange striping. Excellent balanced sweet and acidic flavor. Sought after for their exceptionally sweet, juicy, tropical flavor. Indeterminate stake habit.</td>
<td>10,500 S. Heirloom. 80 days. Certified Organic. The deep red color and unique shape makes for a striking tomato. A small fruit that maxes out at 6 oz. Attractive upon slicing, as its pumpkin-like ridges give the slices a floral appearance, with each rib resembling a petal. Flesh is the same rich color as its skin and is firm and nearly seedless. Perfect for sauces and pastes. It is also a wonderful tomato to dry, due to its low moisture content, fantastic flavor and lack of seeds. Indeterminate stake habit.</td>
</tr>
<tr>
<td><strong>RED ROBIN - 8486</strong></td>
<td></td>
</tr>
<tr>
<td>17,000 S. 55 days. A dwarf variety of cherry tomato for container growing, hanging baskets, windowsill or patio growing. Plants remain 8-12 in. tall and bear masses of 1 1/4 in. fruit with a mild, sweet flavor. Very tender skin and good taste even when fruit is grown indoors. Determinate bush habit.</td>
<td></td>
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<tr>
<td><strong>SPIKE - 8498</strong></td>
<td><strong>SPARKY - 8548</strong></td>
</tr>
<tr>
<td>14,000 S. 70 days. Certified Organic. Rust colored fruit with green to golden stripes. Interior is purple and green. Sweet, tangy and very flavorful. Perfect for salads, snacks, garnishes or culinary creations. Suitable for small gardens where space is limited. Determinate stake habit.</td>
<td>12,500 S. (F-1 Hybrid). (All America Winner - 2019). 60-70 days. Early to mature, prolific and very flavorful. Very sweet 1 oz. round, red with yellow stripe fruits are well-suited for market growers and produce a large number of usable fruits per plant. Indeterminate stalk habit.</td>
</tr>
<tr>
<td>Each of the above: (26B0) 50 sds - $8.30 100 sds - $16.60 250 sds - $39.30 500 sds - $67.05</td>
<td>25 sds - $9.80 50 sds - $17.75 100 sds - $35.45 250 sds - $53.45</td>
</tr>
<tr>
<td><strong>SUGAR RUSH - 8488</strong></td>
<td><strong>SUN GOLD - 8493</strong></td>
</tr>
<tr>
<td>13,000 S. (F-1 Hybrid). 50-55 days. Super sweet elongated fruits has one of the highest Brix ratings of this type. Fast maturing and extremely productive all season, with long trusses of red, 3/4-1 1/4 in. fruit that has great crunch and texture. Great in salads or eaten straight off the plant. Fruit shape is between a cherry tomato and grape tomato. Indeterminate stake habit.</td>
<td>13,500 S. (F-1 Hybrid). 57 days. Exceptionally sweet, bright tangerine-orange cherry tomatoes leave customers begging for more. Vigorous plants start yielding early and bear right through the season. Tendency to split precludes shipping, making these an exclusively fresh market treat. The taste can’t be beat. Indeterminate stake habit.</td>
</tr>
<tr>
<td>Each of the above: (26D0) 50 sds - $9.80 100 sds - $17.75 250 sds - $34.25 500 sds - $53.45 1,000 sds - $92.80</td>
<td>50 sds - $11.35 100 sds - $21.40 250 sds - $42.20 500 sds - $66.55 1,000 sds - $116.45</td>
</tr>
</tbody>
</table>

**RED PEAR - 8476**

14,000 S. 75 days. Heirloom. Miniature pear-shaped fruits are 1 3/4-2 in. long and bright red. Flavorful and sweet. Mix these in with the yellow version and have a great salad that rivals a gourmet restaurant. Indeterminate stake habit.

| 500 sds - $7.25 1,000 sds - $9.80 2,000 sds - $14.10 5,000 sds - $25.60 10,000 sds - $42.30 |

| 50 sds - $9.80 250 sds - $34.25 500 sds - $53.45 1,000 sds - $92.80 |

**TOMATO, SMALL FRUITED continued on next page**
TOMATO, SMALL FRUITED (continued)

SUNSGAR TMV - 8402
11,000 S. 62 days. Germania voted this the best tasting small fruited variety. Each plant will produce many clusters of 1/2 inch or smaller, sweet golden cherry-sized, gorgeous fruit. A blue ribbon winner at one Fair declared it one of the sweetest and best flavored cherry varieties. Disease resistant. Indeterminate stake habit.

- 50 sds - $9.80 100 sds - $17.75
- 250 sds - $34.25 500 sds - $53.45
- 1,000 sds - $92.80

SUPER SWEET 100 - 8552
15,500 S. (F-1 Hybrid). 65-78 days. Long, branched clusters of deliciously sweet fruits high in sugar and vitamin C. More disease resistant than its cousin Sweet 100, giving plants a better chance where certain problems may be soilborne. You will be eating them right off the vine before they ever make it to the salad bowl. Perfect for snacking, salads and even juice. Indeterminate stake habit.

- 50 sds - $9.10 100 sds - $15.95
- 250 sds - $30.20 500 sds - $46.90
- 1,000 sds - $80.95

SWEET 100 - 8559
22,000 S. (F-1 Hybrid). 65 days. Huge, multiple-branched clusters of 1/2 in. very sweet fruit with high vitamin C content. Mouth-watering flavor. Vigorous vines bear abundantly until frost and need staking for best results. Indeterminate stake habit.

- 100 sds - $9.30 200 sds - $16.55
- 500 sds - $29.65 1,000 sds - $48.85
- 2,000 sds - $89.90

SWEET CHELSEA
Sorry, no longer available.

SWEET MILLION - 8567
15,000 S. (F-1 Hybrid). 70 days. A very heavy yielding producer of 1 in. cherry red, flavorful, sweet fruits. Vigorous, disease-resistant variety with large clusters of smooth, dark red fruit. Produces early and continues until frost. Cherry-sized tomatoes are sweet, crack resistant, and holds well on the vine. Outstanding variety. Indeterminate stake habit.

- 100 sds - $9.85 200 sds - $17.95
- 500 sds - $32.65 1,000 sds - $54.10
- 2,000 sds - $99.95

TIDY TREATS - 8489
13,000 S. F-1 Hybrid). 50-55 days. Tons of fruit power on a very compact plant. Good in smaller space gardens and containers, but unlike other patio types, they continue to produces 3/4-1 in., red cherry fruits all season long. Indeterminate stake habit.

- 50 sds - $10.40 100 sds - $19.60
- 250 sds - $38.20 500 sds - $59.95
- 1,000 sds - $104.65

TINY TIM - 8484
17,500 S. Heirloom. 45 days. Grows only 10-12 in. tall and about 14 in. across. A heavy yielder with clusters of 1 in. red, fine-flavored fruit. Can be grown as a pot plant anytime of the year. Indeterminate stake habi.

- 500 sds - $7.65 1,000 sds - $11.70
- 2,000 sds - $17.55 5,000 sds - $33.40
- 10,000 sds - $56.25
**TOMATO, SMALL FRUITED (continued)**

**TOMATILLO - GREEN - 8456**
9,000 S. (Toma Verde). 60 days. Very popular in salsa and picante dishes. Harvest when fruits are green, before turning yellow. Remove the thin husk before using or consuming. Indeterminate stake habit.

**TOMATILLO - GROUND CHERRY - 8479**
59,000 S. 75 days. 1/2 to 3/4 in. fruit enclosed within a lantern shaped, paper-like husk. When ripe, fruit is yellow and husks turn light brown. Fruits have a sweet tart flavor and can be eaten fresh or cooked into desserts, pies, preserves or sauces.

**TOMATILLO - PINEAPPLE - 8579**
41,600 S. 75 days. Pineapple flavored fruits! Short, spreading plants are bushy, growing to 12-18 in. tall. with marble-sized fruits. Wonderful in salsas, especially those made with fruit as an ingredient. Very unique item. Each of the above: (30A0)  500 sds - $7.25 1,000 sds - $14.10 2,000 sds - $28.20 5,000 sds - $56.25 (3080)

**TOMATILLO - PURPLE - 8580**
18,000 S. Heirloom. 75-95 days. These small fruits are formed inside papery husks and begin as pale green, then ripen to a rich, deep purple. A uniquely colored fruit that is enjoyed for the sweet, yet tart flavor it gives Mexican dishes. Makes an attractive salsa. Vigorous and productive plants. Easy to grow.

- 500 sds - $7.65 1,000 sds - $15.30 2,000 sds - $27.60 5,000 sds - $44.25 (3080)

**TOMATOBERRY GARDEN - 8558**
9,000 S. (F-1 Hybrid). 80 days. Unique strawberry-shaped fruits have a super sweet taste and aroma. Beautiful, deep red color with broad shoulders tapering to a blunt point at the blossom end, giving them a heart-like appearance. Just about the size of a currant, and weighing approximately 1/2 ounce. Disease resistant. Indeterminate stake habit.

- 10 sds - $10.20 25 sds - $21.30 50 sds - $36.30 100 sds - $57.25 250 sds - $128.10 (2410)

**TOMMY TOE - 8500**
10,000 S. (AKA Steakhouse). Heirloom. 70 days. Exceptionally vigorous and will produce hundreds of small, 1 in. fruits that are smooth, mild and glossy red. It is sweet and juicy. One of the best tasting cherry tomatoes around. Indeterminate stake habit.

- 250 sds - $9.70 500 sds - $14.05 1,000 sds - $26.60 2,000 sds - $45.35 5,000 sds - $94.25 (29C0)

**TOPSY TOM - 8542**
10,000 S. (F-1 Hybrid). 50 days. The perfect choice for todays popular ‘upside down’ planters. Produces high yields of 1 x 1.25 in. red teardrop fruits. Flexible, pliable stems hold the fruit well and won’t split or crack in the wind. Determinate bush habit.

- 25 sds - $8.30 50 sds - $16.60 100 sds - $20.70 250 sds - $41.40 500 sds - $67.75 (2580)

**TOMATO, SMALL FRUITED (continued)**

**TUMBLER - 8407**
9,000 S. 48 days. A superior variety for hanging baskets and containers because of its graceful, cascading habit. Produces an unbelievable number up to 6 lbs. of 1 1/4 in. sweet, bright red cherry-type fruits. Determinate bush habit.

- 25 sds - $7.55 50 sds - $12.35 100 sds - $17.70 250 sds - $33.75 500 sds - $56.20 (25A0)

**TUMBLING TIGER**
Crop failure. As a substitute, we suggest Tumbler.

**TUMBLING TOM (RED)**
Crop failure. As a substitute, we suggest Tumbler.

**WHITE CHERRY - 8502**
10,500 S. 80 days. Produces loads of pale-ivory to yellow colored, 1/2-1 oz. fruits that have a sweet, fruity flavor. The less sun exposure the fruits receive, the paler the color. Indeterminate stake habit.

- 250 sds - $8.55 500 sds - $14.60 1,000 sds - $21.85 2,000 sds - $36.55 5,000 sds - $74.95 (29B0)

**WINDOW BOX ROMA VFN - 8578**
12,000 S. (F-1 Hybrid). 70 days. Roma type. Bright red, pear-shaped, 2-3 oz. fruit. Great flavor and shelf life. Upright, thick-stemmed, compact vines make it an excellent container variety. Disease resistant. Determinate bush habit.

- 250 sds - $9.70 500 sds - $17.45 1,000 sds - $26.60 2,000 sds - $45.35 5,000 sds - $94.25 (29C0)

**YELLOW PEAR - 8478**
16,000 S. Heirloom. 75 days. Small pear-shaped, yellow fruit is produced all summer. Refreshing mild flavor adds zest and color to salads, vegetable trays and pasta dishes. Indeterminate stake habit.

**RED CHERRY SMALL - 8474**
22,000 S. Heirloom. 75 days. Cherry shaped red fruits. Vigorous plants yield a bountiful crop of delicious, uniformly sized, cherry tomatoes ranging in size from 1/2-inch to 3/4-inch. The bright red, sweet-tasting fruit is delicious for snacking, salads and vegetable trays. Good disease resistance. Indeterminate stake habit.

**YELLOW PLUM - 8477**
17,000 S. Heirloom. 75 days. Attractive plum-shaped 1-1/2 inch yellow fruit have a sweet, mild flavor. Bears a bumper crop, producing clusters of 8-10 tomatoes. Eat fresh, or use in sauces or pastes, for canning or freezing. Indeterminate stake habit.

*Each of the above: (30A0)  500 sds - $7.25 1,000 sds - $14.10 2,000 sds - $28.20 5,000 sds - $44.25 (3080)
Vegetables

TURNIP
10,000 sds/oz
1 oz. will plant a 100 ft. row. 2-3 lbs. per acre, in rows 18 in. apart.

PURPLE TOP, WHITE GLOBE - 8091
13,000 S. Heirloom. 55 days. Firm, crisp flesh can be eaten raw or cooked. Handsomely blushed with pink to purple at the crown. Young leaves make the classic cooked southern green.

WATERMELON 320 sds/oz 75-80° 10 days
1 oz. will plant 25 hills; 3-4 lbs. for an acre. Space hills in rows 2 ft. apart and 4 ft. apart in the rows. About 1 oz. for a 50 ft. row. Germanna Seed Company does not warrant its watermelon seed against Watermelon Fruit Blotch or other related diseases or viruses. As a condition of sale, purchaser acknowledges and accepts all risks and liability associated with potential damages and problems. It is further understood and agreed that the purchase of this seed is NOT for commercial production and is intended only for the home garden market. We expressly disclaim any warranty or fitness for a particular purpose, our liability is limited only to the purchase price.

BABY DOLL - 7855
600 S. (F-1 Hybrid). 75 days. Novelty icebox watermelon with very sweet lemon yellow flesh. The compact plant produces 6-10 lb. fruits. Green rind with small dark stripes and small brown seeds.

CRIMSON SWEET - 7857
800 S. 80 days. Fruits are light green with dark green stripes, flesh is deep red and fine textured. Melons are round and average about 25 lbs., with brown seeds. Disease resistant.

SUGAR BABY (MIDGET) - 7856
600 S. 80 days. A small, very early melon that is sweet and red fleshed, thin rind, fine for home gardens. Fruit averages 8-12 lbs.

SWEET FASHION - 7858
650 S. 90 days. This is a very nice, long, blocky melon with bright red flesh. It has a very vigorous plant that yields well. High quality fruit with an average weight of 23 lbs.

YELLOW DOLL - 7854
1,000 S. (F-1 Hybrid). 70 days. Flesh is crisp, bright yellow and sweeter than other varieties. Fruit is round, with light green skin and dark green stripes. A novel and excellent icebox type variety. About 10 lbs. each.

WATERMELON (continued)

SHINY BOY - 7864
600 S. (F-1 Hybrid). (All America Winner - 2010). 90 days. A quick-growing, absolutely delicious melon you must taste to really appreciate, a must have for the vegetable garden! These 20 lb. fruits consistently win taste tests, boasting a ‘sweet tropical’ flavor that out satisfies all others. As if this weren’t enough, the yields on this vigorous healthy plant are terrific! Named for its glossy, smooth striped rind, it takes off like crazy, yet this vining plant won’t sprawl all over the place and can even be grown vertically if given support. Very dark red flesh with the perfect blend of sugar and crunch. Wonderfully aromatic, it offers an old-fashioned burst of flavor, rich, lasting and authentic. You will love it!

HARVEST MOON
Sorry, no longer available.

BABY DOLL
600 S. (F-1 Hybrid). 75 days. Novelty icebox watermelon with very sweet lemon yellow flesh. The compact plant produces 6-10 lb. fruits. Green rind with small dark stripes and small brown seeds.

SHINY BOY
600 S. (F-1 Hybrid). (All America Winner - 2010). 90 days. A quick-growing, absolutely delicious melon you must taste to really appreciate, a must have for the vegetable garden! These 20 lb. fruits consistently win taste tests, boasting a ‘sweet tropical’ flavor that out satisfies all others. As if this weren’t enough, the yields on this vigorous healthy plant are terrific! Named for its glossy, smooth striped rind, it takes off like crazy, yet this vining plant won’t sprawl all over the place and can even be grown vertically if given support. Very dark red flesh with the perfect blend of sugar and crunch. Wonderfully aromatic, it offers an old-fashioned burst of flavor, rich, lasting and authentic. You will love it!

SUGAR BABY (MIDGET)
600 S. 80 days. A small, very early melon that is sweet and red fleshed, thin rind, fine for home gardens. Fruit averages 8-12 lbs.

SWEET FASHION
650 S. 90 days. This is a very nice, long, blocky melon with bright red flesh. It has a very vigorous plant that yields well. High quality fruit with an average weight of 23 lbs.

YELLOW DOLL
1,000 S. (F-1 Hybrid). 70 days. Flesh is crisp, bright yellow and sweeter than other varieties. Fruit is round, with light green skin and dark green stripes. A novel and excellent icebox type variety. About 10 lbs. each.

WATERMELON
320 sds/oz 75-80° 10 days
1 oz. will plant 25 hills; 3-4 lbs. for an acre. Space hills in rows 2 ft. apart and 4 ft. apart in the rows. About 1 oz. for a 50 ft. row. Germanna Seed Company does not warrant its watermelon seed against Watermelon Fruit Blotch or other related diseases or viruses. As a condition of sale, purchaser acknowledges and accepts all risks and liability associated with potential damages and problems. It is further understood and agreed that the purchase of this seed is NOT for commercial production and is intended only for the home garden market. We expressly disclaim any warranty or fitness for a particular purpose, our liability is limited only to the purchase price.

TURNIP
10,000 sds/oz
1 oz. will plant a 100 ft. row. 2-3 lbs. per acre, in rows 18 in. apart.

PURPLE TOP, WHITE GLOBE - 8091
13,000 S. Heirloom. 55 days. Firm, crisp flesh can be eaten raw or cooked. Handsomely blushed with pink to purple at the crown. Young leaves make the classic cooked southern green.

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BABY DOLL - 7855
600 S. (F-1 Hybrid). 75 days. Novelty icebox watermelon with very sweet lemon yellow flesh. The compact plant produces 6-10 lb. fruits. Green rind with small dark stripes and small brown seeds.

CRIMSON SWEET - 7857
800 S. 80 days. Fruits are light green with dark green stripes, flesh is deep red and fine textured. Melons are round and average about 25 lbs., with brown seeds. Disease resistant.

SUGAR BABY (MIDGET) - 7856
600 S. 80 days. A small, very early melon that is sweet and red fleshed, thin rind, fine for home gardens. Fruit averages 8-12 lbs.

SWEET FASHION - 7858
650 S. 90 days. This is a very nice, long, blocky melon with bright red flesh. It has a very vigorous plant that yields well. High quality fruit with an average weight of 23 lbs.

YELLOW DOLL - 7854
1,000 S. (F-1 Hybrid). 70 days. Flesh is crisp, bright yellow and sweeter than other varieties. Fruit is round, with light green skin and dark green stripes. A novel and excellent icebox type variety. About 10 lbs. each.