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

**FLOWERS**

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### Seed Volume Discounts

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

- Under $250.00 ...........Net
- $250.01 to $500.00 ...........15%
- $500.01 to $750.00 ...........18%
- $750.01 to $1,500.00 ...........20%
- $1,500.00 and over ...........Call for details

We do NOT have a minimum order requirement.

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**ABUTILON**

FLOWERING MAPLE, INDIAN MALLOW, CHINESE BELL FLOWER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Sds/oz</th>
<th>Temp</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1269</td>
<td>8,000</td>
<td>65°-75°</td>
<td>3-5</td>
</tr>
</tbody>
</table>

Cover with medium grade vermiculite at time of sowing.

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**BELLA SERIES SELECT MIXTURE - 1269**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Sds/oz</th>
<th>Temp</th>
<th>Days</th>
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<tr>
<td>1269</td>
<td>14,000</td>
<td>65°-70°</td>
<td>3-5</td>
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</tbody>
</table>

**ACROCLINIUM**

<table>
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<th>Variety</th>
<th>Sds/oz</th>
<th>Temp</th>
<th>Days</th>
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<td>1278</td>
<td>8,500</td>
<td>65°-70°</td>
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</tr>
</tbody>
</table>

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**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

**HYBRIDUM MAXIMUM MIXTURE - 1270**

Perennial. 36 in. - 9,000 S. Large, bell shaped flowers of orange, red and yellow veined shades. Leaves are very ornamental and often variegated.

**ACONITUM**

Aconite, Monk’s Hood, Wolfsbane

<table>
<thead>
<tr>
<th>Variety</th>
<th>Sds/oz</th>
<th>Temp</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1287</td>
<td>8,000</td>
<td>60°-70°</td>
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</table>

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.

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**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

**AGASTACHE**

ARIZONA SANDSTONE ORANGE - 5487

Perennial. 8-10 in. - 55,500 S. A wonderful compact hybrid, featuring loose spikes of mint scented, terra cotta-orange, tubular flowers on dense spikes. Grey-green foliage. Extremely useful in containers or tubs or integrated into the perennial border. Stunning when combined with dark red or bronze-leaved plants. Flowers are also edible and fun to sprinkle into salads or use as a garnish. Attracts butterflies and hummingbirds. Zones: 6-9

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**NEW DOUBLE GIANTS - 1278**

Perennial. 18 in. - 8,000 S. Extra large, brightly colored Strawflowers for cutting in shades of pink, rose and white. For winter bouquets, cut when buds begin to open.

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**AGASTACHE (continued on next page)**

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

250 sds - $22.20 500 sds - $33.75 1,000 sds - $57.40

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

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

AGERATUM (continued)

Floss Flower
200,000 sds/oz 75°-80° 5 days Will attract butterflies all season. After sowing, do not cover seeds with media. Cover seed flat with glass or plastic. Light will induce germination. Sow seed early to have good sized plants for spring. Use growth retardant for compact plants.

ALOHA SERIES
6-8 in. - (F-1 Hybrid). Masses of flowers cover the well branched plants. An excellent item for packs and 4 in. pot production and has proven garden performance. Weeks to flower: 10-15. PELLETED SEED.

Blue - 1315PE New for 2020
White - 1318PE New for 2020

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

BLUE BLAZER - 1311

250 sds - $13.30 500 sds - $25.95 1,000 sds - $41.10 2,000 sds - $71.80 5,000 sds - $152.15

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
F-1 Hybrid. Mid-blue flowers on sturdy stems make this variety ideal as a cut flower. Vigorous grower with uniform, well branched habit. Best known cutting Ageratum.

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

AGERATUM (continued)

HIGH TIDE SERIES
14-16 in. - A. houstonianum. Taller and more vigorous; excellent landscape plant with strong branching. Good alternative to vegetatively propagated Ageratums. Weeks to flower: 12-14. PELLETED SEED.

Blue - 1293PE Periwinkle Blue.
White - 1295PE

RED FLINT - 1300
15-26 in. - 200,000 S. Flowers open to a bright red and darken to purple-red upon aging. Good vase life.

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

AGROSTEMMA
Rose Champion, Com Cockle
5,000 sds/oz

CAUTION: SEED OR PARTS OF THE PLANT ARE TOXIC. CAUTION SHOULD BE EXERCISED IN HANDLING THEM.

OCEAN PEARLS - 5486
Perennial. 36 in. - 5,500 S. A. githago. A favorite cottage garden staple. The epitome of grace and charm. Pure white 2 in. blossoms, sport fascinating dots lining the throat. Produces a hundred or more blooms on slender, upright stems that sway by the slightest breeze.

250 sds - $7.25 500 sds - $11.75 1,000 sds - $16.95 2,000 sds - $27.70 5,000 sds - $55.55

CAUTION: SEED OR PARTS OF THE PLANT ARE TOXIC. CAUTION SHOULD BE EXERCISED IN HANDLING THEM.

PURPLE QUEEN - 5485
24-30 in. - 5,000 S. Rosy-purple with white speckled 2 in. flowers on willowy grey stems. Nice cut flower.

500 sds - $7.65 1,000 sds - $11.70 2,000 sds - $17.55 5,000 sds - $33.40 10,000 sds - $56.25

ALLIUM
Persian Onion
7,000 sds/oz 70° 3 weeks

Freeze seeds for 5 days and refrigerate seed for 10 days before sowing. Light will help germination.

TUBEROSUM - 5171
Perennial. 10-12 in. - 7,000 S. Broad, grassy leaves with purple flowers are popular as a border plant. The mild garlic odor will help repel rabbits from the garden. Zones: 2-9

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

ALCHEMY
Persian Onion
7,000 sds/oz 70° 3 weeks

Freeze seeds for 5 days and refrigerate seed for 10 days before sowing. Light will help germination.

TUBEROSUM - 5171
Perennial. 10-12 in. - 7,000 S. Broad, grassy leaves with purple flowers are popular as a border plant. The mild garlic odor will help repel rabbits from the garden. Zones: 2-9

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

ALCHEMY
Persian Onion
7,000 sds/oz 70° 3 weeks

Freeze seeds for 5 days and refrigerate seed for 10 days before sowing. Light will help germination.
**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  (2880)

**ALYSSUM (continued)**

**MOUNTAIN GOLD - 5531**

Perennial.  4-6 in.  - 17,000 S. A. montanum. Forms low, trailing mounds of silver-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  (3A0)

**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

**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  (3A0)

**SNOW CRYSTALS - 1367**

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

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  (3A0)

**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.  - 38,500 S. Stunning contrast between the dark green lower leaves and the flower-like upper leaves-looking for all the world like an oversized, yellow poinsettia 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  (3A0)

**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 flowerstalks point straight down, however, reaching 3 feet to brush the garden floor. All along the stems, closely spaced, are borne magenta blooms in big, tight, rounded 1 1/2 in. clusters. Its unique architectural look makes a fine focal point for annual beds, and its bright blooms keep their color well.

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 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 jampacked with rich color. The stems are fascinating in fresh arrangements and can be dried for winter long color. They look like topiary, 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 cinnamon orange plumes. Simple leaves at their bases. Blooms April-July. Easy to grow.

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.

GREEN THUMB - 1324
24 in. - Vivid green.

PYGMY TORCH - 1288
12-16 in. - Crimson.

AMARANTHUS (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. Even growth, strong stems, no yellowing of leaves and high quality 4-6 in. lacy, white flowers. Ideal for greenhouse cut flower use.

AMMORBOM
50,000 sds/oz 65°-68° 10 days

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

ANANCYCLUS
Mount Atlas Daisy
30,000 sds/oz 60°-65° 2 weeks
Does not like wet conditions.

DEPRESSUS GARDEN GNOME - 5538
6 in. - 33,000 S. A. pyrethrum. A cute little daisy for the rock garden, forming a low mat of very fine, ferny grey-green leaves. Short stems of white daisies appear in late spring, each with a yellow eye, the petals often painted red or purple on the back side. Very useful as a ground cover, borders or rock gardens. Zones: 5-7

ANCHUSA
10,000 sds/oz 70° 3 weeks

BLUE BIRD (BLUE ANGEL) - 1363

PULSATILLA - 5545
Perennial. B. 8 in. - 11,000 S. A. vulgaris. (Pasque Flower). Clean seed. The lovely violet-purple flowers appear in early spring, the silken, finely cut foliage appears next, then more blossoms. Does well in a dry location. Zones: 5-7

SYLVESTRIS - 5027

NEW ITEM THIS YEAR  |  CUT FLOWER  |  1ST YEAR FLOWERING PERENNIAL
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-tone 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.

Each of the above: (25E0) 25 sds - $10.20
50 sds - $20.70 100 sds - $30.00
250 sds - $66.55 500 sds - $113.95

AQUILEGIA
500 sds - $30.95 500 sds - $51.95
1,000 sds - $58.65 2,000 sds - $85.30
5,000 sds - $163.05 10,000 sds - $326.10

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

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.
Mixture - 5033
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

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

CANADANNA - 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

CHRYSANtha - 5557
Perennial. 30 in. - 24,500 S. A. chrysanth. (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.

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

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

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

MC KANA'S GIANT - 5564 (continued)
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

ORIGAMI SERIES
Crop failure. As a substitute, we suggest Songbird Series.

AQUILEGIA (continued)
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: (25CO) 25 sds - $9.10
50 sds - $18.20 100 sds - $37.00
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 (30CO)

YELLOW QUEEN - 5680

Perennial. 30 in. - 27,000 S. A. chryantha. An awesome number of large, long spurred, fresh lemon-yellow flowers over very attractive fern-like leaves. The most bountiful 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

250 sds - $12.10 500 sds - $23.10
1,000 sds - $36.25 2,000 sds - $62.95
5,000 sds - $132.85 (29A0)

1,000 sds - $7.25 2,000 sds - $14.50
5,000 sds - $28.10 10,000 sds - $52.30

25,000 sds - $61.85 (31BO)

ARABIS

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.

ALPINIA 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 - $14.50
5,000 sds - $18.45 10,000 sds - $30.10
25,000 sds - $61.85 (31BO)

BARRANCA DEEP ROSE - 5569


BARRANCA PINK - 5570


COMINKIE - 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: $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.

JOAN LORAINE - 1012

Climber. 48-96 in. - 83,000 S. A. scadens. 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. scadens. 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: $7.55 100 sds - $12.35 250 sds - $22.20
500 sds - $33.75 1,000 sds - $57.40
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.

DIOICUS - 5578  
♀ Perennial. 60 in. - 235,000 S. A. dioicus.  
Dense feathery plumes of light 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 grouped in a woodland setting. Blooms May-July. Zones: 3-9

1,000 sds - $7.25  
2,000 sds - $14.50  
5,000 sds - $36.25  
10,000 sds - $72.50  
($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 many astilbe-like white spikes. Easy to grow. After flowering, the flower spikes fade to decorative red as the seed pods ripen.

500 sds - $7.65  
1,000 sds - $15.30  
2,000 sds - $50.90  
5,000 sds - $91.60  
10,000 sds - $183.20  
($3080)

ASCLEPIAS (continued)  
HELLO YELLOW - 5108  
♀ Perennial. 20 in. - 4,500 S. A. tuberosa. (Butterfly Milkweed). This drought-tolerant decidious 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 - $18.20   
100 sds - $36.40   
250 sds - $59.95   
500 sds - $119.80  
($250)

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 - $49.00   
500 sds - $98.00   
1,000 sds - $196.00  
($260)

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.  

SYRIACA - 5106  
♀ Perennial. 30-60 in. - 4,000 S. A. syriaca. A must for any butterfly garden. Butterflies’ favorite plant and will bring many winged friends to your garden or meadow. Leaves are glossy and thick, the large flower can vary in color from nearly white to deep pink-purple. The fragrance is very delicate and pleasing and numerous native pollinators will benefit during its long bloom time. It’s beautiful and dependable. Very drought tolerant. Zones: 3-8

TUBEROBA - 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. Zones: 4-9

ORDER ONLINE at germaniaseed.com

Place your Seed or Plug order online, 24 hours a day, 7 days a week

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

11
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.

GIANT PRINCESS MIXTURE - 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.

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

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

Sprengeri 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

Princess Mixture - 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 about 2 in. in diameter, upright flowering, strong stems, and heat resistant. Excellent cut flower.

Pot n Patio Mixture - 1405
6 in. - 12,000 S. Dark green, bushy, uniform, dwarf plants produce fully double, rounded blooms in blue, pink, scarlet and white. 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

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!
**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 lively 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 mounded 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.

**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 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  
50 sds - $21.35  
100 sds - $32.65  
250 sds - $66.55  
500 sds - $113.95  
(25F0)

**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  
1,000 sds - $21.85  
2,000 sds - $36.55  
5,000 sds - $76.95  
(28A0)

**WHITE - 5610**

Perennial. 48 in. - 2,000 S. B. leucanth.  
(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)

**COLOR PIXIE TAGS**

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

BABY WING 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 packs and 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.
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

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

BEGONIA (continued)

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: (25G0) 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
Pink / Bronze Leaf - 1692PE
Pink / Green Leaf - 1694PE
Red / Bronze Leaf - 1695PE
Red / Green Leaf - 1696PE
Rose / Bronze Leaf - 1697PE
Rose / Green Leaf - 1693PE
White / Green Leaf - 1690PE  New for 2020

BEGONIA

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.

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

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.

Bronze Leaf
Red - 1561PE
Rose - 1559PE
Pink - 1556PE
Unique color.

Green Leaf
Red - 1557PE
Rose - 1560PE
Pink - 1563PE

Begonia

Megawatt Series

MEGAsize + MEGAColor = MEGAsales!

Order Online at germaniaseed.com
**BEGONIA** (continued)

**COCKTAIL VODKA (PELLETED) - 1565PE**
6 in. - (F-1 Hybrid). Glossy bronze leaf that produces bright red blossoms with touches of yellow in the center bloom. Very early to flower with uniform compact habit. Sun and weather resistant.

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

**GRYPHON (MULTI-SEED) - 1536MP**
14-16 in. - (F-1 Hybrid). B. x hybrida. FOLIAGE BEGONIA. Unique, tropical appearance. Dark green leaves with silver markings. More tolerant of stressful conditions compared to Rex begonias. Versatile use for patio containers and combinations. Extended use by bringing indoors at end of season. MULTI-SEED PELLET contains 5-6 seeds per pellet.

- 10 sds - $8.65
- 25 sds - $15.65
- 100 sds - $40.20

**MEGAWATT SERIES**
20-28 in. - (F-1 Hybrid). Striking, non stop flowers keep plants covered in huge color all through the Summer. Studly 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
- Red / Bronze Leaf - 1557PE
- Rose / Bronze Leaf - 1559PE
- Rose / Green Leaf - 1560PE

- Each of the above: (250) 25 sds - $10.20
- 50 sds - $18.70
- 250 sds - $56.70

**SAN FRANCISCO (PELLETED) - 1521PE**
12 in. - (F-1 Hybrid). B. boliviensis. 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
- 250 sds - $22.20
- 1,000 sds - $57.40

**BEGONIA** (continued)

**SANTA CRUZ (PELLETED) - 1541PE**
12 in. - (F-1 Hybrid). B. boliviensis. 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
- 100 sds - $40.20

**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

**HABANERA SERIES**
- **Perennial.** 6 in. - 154,000 S. B. perennis. Especially large, fully double daisies that have distinctly long quilted 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: (2880) 100 sds - $7.25
- 200 sds - $12.20
- 1,000 sds - $33.10

**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

**TASSO SERIES**
- **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  Pink - 5133  Red - 5134
- Strawberries & Cream - 5135  Two-toned pink and white.

- **White - 5136  Mix - 5137**  A blend of all colors.

- Each of the above: (2980) 250 sds - $8.55
- 500 sds - $14.60
- 1,000 sds - $36.55

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Not just specializing in Flower & Vegetable Seeds...
Please refer to our separate Plant/Plug Catalog, listing over 15,500 varieties in over 50 sizes!

**NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL**
**Bells of Ireland**

*Molucella Laevis*

4,200 sds/oz  \(\approx\) 2-3 weeks

For the best germination-freeze seed 5 days and soak in warm water for 1 week before sowing. Alternating temperatures from 80° days to 60° nights will stimulate germination. Do not cover, light will help germination.

**Bells of Ireland - 1711**

\(\approx\) 24 in. - 4,000 S. Plants are composed of several base-branching stems, each closely set with spikes of large bell-like sheaths of translucent green surrounding a small white flower. Wonderful as a fresh cut flower or when dried for use in winter bouquets.

**Bergenia Shoeshine Rose**

*Bergenia*  \(\approx\) 16 in. - 115,000 S. *B. cordifolia*. Large rosettes of leathery, glossy, toothed, round, dark leaves which are heart-shaped at the base. Bright pinkish red flowers appear in clusters on thick stems just above the foliage. During the fall and winter months, the leaves take on a remarkable reddish-bronze hue. Leaves are often used in floral arrangements. Zones: 3-8

250 sds - $7.25  500 sds - $14.10  1,000 sds - $28.20

**Cordifolia - 5625**

*Perennial*. 16 in. - 115,000 S. *B. cordifolia*. Large rosettes of leathery, glossy, toothed, round, dark leaves which are heart-shaped at the base. Bright pinkish red flowers appear in clusters on thick stems just above the foliage. During the fall and winter months, the leaves take on a remarkable reddish-bronze hue. Leaves are often used in floral arrangements. 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

**Red Beauty - 5407**

*Perennial*. 15 in. - 131,000 S. *B. cordifolia*. (Red Start). Thick glossy rich green leaves are evergreen and will slowly expand to make a great groundcover. Leaves take on an eye-catching deep red cast in fall as temperatures drop. Has the ability to survive during periods of heat stress. Zones: 3-8

250 sds - $7.25  500 sds - $14.10  1,000 sds - $28.20

**Buerkleum**

*Green Gold* 10,000 sds/oz  \(65^\circ\) 2-3 weeks

For best germination, refrigerate seed for 10 days to 60° nights will stimulate germination. Do not cover, light will help germination.

**Shoeshine Rose - 5408**

*Perennial*. 12 in. - 150,000 S. *B. cordifolia*. Dark green glossy foliage turns into a glossy bronze color under the cool nights of fall and winter. Rose colored flowers emerge in spring for a bright cheerful show of color. Excellent addition to spring offering for growers. Zones: 4-9

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

**Shoeshine Rose - 5408**

*Perennial*. 12 in. - 150,000 S. *B. cordifolia*. Dark green glossy foliage turns into a glossy bronze color under the cool nights of fall and winter. Rose colored flowers emerge in spring for a bright cheerful show of color. Excellent addition to spring offering for growers. Zones: 4-9

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

**Berlanderia**

7,500 sds/oz  \(\approx\) 3-4 days

**Chocolate Daisy - 6575**

*Perennial*. 12 in. - 4,000 S. *B. lyrata*. 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  100 sds - $12.35  250 sds - $22.20  500 sds - $38.75  1,000 sds - $57.40

**Brachymyces**

*Swaron River Daisy* 125,000 sds/oz  \(70^\circ\) 2 weeks

**Buddelia**

**Davidii Mixture - 5624**

*Perennial*. 72-96 in. - 900,000 S. Lilac shaped flowers that contains vibrant shades from bright pink to deep purple, plus clear white. Very floriferous and fragrant. Easy 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 - $9.75  500 sds - $17.45  1,000 sds - $34.90  2,000 sds - $69.80

**Buplerum**

*Green Gold* 10,000 sds/oz \(65^\circ\) 2-3 weeks

For best germination, refrigerate seed for 10 days before sowing.

**Griffitti 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  1,000 sds - $9.80  2,000 sds - $14.10  5,000 sds - $25.60  10,000 sds - $42.30

**Cabbage, Flowering**

7,000 sds/oz  \(70^\circ\) 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)

**Cabbage, Flowering**

(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**  
**White - 1725**

Mixture - 1761

100 sds - $7.25  200 sds - $10.70  500 sds - $17.70  1,000 sds - $27.85  2,000 sds - $49.55

**Calendula**

3,000 sds/oz  \(70^\circ\) 10 days

After sowing, cover seeds lightly with media, maintain \(70^\circ\) 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 glows 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 commercial cut flower production. Mixture of clear, gold and orange with black eye. Early blooming, basal-branching plants produce numerous stems topped by 3 1/2-4 in. flowers. Mixture of clear, gold and orange with black eye. Early blooming, basal-branching plants produce numerous stems topped by 3 1/2-4 in. flowers. Mixture of clear, gold and orange with black eye. Early blooming, basal-branching plants produce numerous stems topped by 3 1/2-4 in. flowers.

**Pacific Beauty Mixture - 1777**

24 in. - 3,000 S. Lovely 4 in. flowers that will produce uniform, double flower with long straight stems and clearer colors. A historic heirloom garden plant.

1/4 oz. - $7.25  1/2 oz. - $10.20  1 oz. - $13.85  2 oz. - $23.75  4 oz. - $38.55

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

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16 | NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL
**Calibrachoa Million Bells**

*Cover is not required for germination. Hardy to about 23°. Freely drops its faded flowers, no need to deadhead.*

**MULTI-SPECIES COLLECTION  Paradise Island Mixture (Multi-Seed) - 1812MP**

Contains Kabloom Denim, Rose and Yellow.

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>10 sds</td>
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<tr>
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<tr>
<td>100 sds</td>
<td>$57.25</td>
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<tr>
<td>250 sds</td>
<td>$128.10</td>
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</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>Pack Size</th>
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<tbody>
<tr>
<td>10 sds</td>
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<td>100 sds</td>
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<tr>
<td>250 sds</td>
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</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.

- **Blue - 1834MP**
- **Cherry - 1835MP**
- **Coral - 1836MP**
- **Denim - 1813MP** Darker blue tones under lower light and cooler conditions. Blooms age to silver-blue under higher light and warmer conditions.
- **Light Pink Blast - 1837MP**
- **Orange - 1838MP**
- **Pink - 1839MP**
- **White - 1808MP** Improved for 2019! Clean white with small yellow throat.
- **Yellow - 1809MP** Mid-yellow with slightly lighter margin.

<table>
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<tbody>
<tr>
<td>25 sds</td>
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<tr>
<td>500 sds</td>
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**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 - August. 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

Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $14.50 5,000 sds - $25.60
10,000 sds - $42.30 (30A0)

PEACH-LEAF BELLFLOWER SERIES

Perennial. 36 in. - 285,000-385,000 S. C. persicifolia. Most widely grown bellflower. Masses of nodding outward-facing blooms spring from vigorous, clumps of lance-shaped leathery leaves. Very nice cut flower and very desired for wedding work. Zones: 3-8

Blue - 5661
White - 5662
Mixture - 5663

Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $14.50 5,000 sds - $25.60
10,000 sds - $42.30 (30A0)

POSCHARSKYANA - 5653

Perennial. 6 in. - 415,000 S. C. poscharskyana. Extremely drought resistant, semi-prostrate and is able to cling to dry walls. Forms clumps of finely resistant, semi-prostrate and is able to cling to dry walls. Forms clumps of finely

RapidO SERIES

Perennial. 5-7 in. - The earliest variety on the market - up to 4 weeks earlier than Clips. Spring/Summer rock garden variety. Controlled, mounted plant with rich flowering. Grows best in moist but well-drained soil. Indoor plant: avoid overhead watering. Plant in full to partial sun (3-6 hours). Delivers better young plant vigor and uniformity and better vigor of finished plant. PELLETED SEED. Zones: 3-9

Blue - 5658PE
White - 5659PE

Each of the above: (28CO) 100 sds - $8.10
200 sds - $13.55 500 sds - $23.70
1,000 sds - $38.35 2,000 sds - $67.90

CAMPANELLA MAPLE - 5700

Perennial. 10-12 in. - 70,000 S. C. poscharskyana. An attractive cut flower with the classic cup-shaped Canterbury Bells type appearance. Excellent basal branching, requires no support and will produce high quality cut flowers with long shelf life. Weeks to flower 15. PELLETED SEED.

Blue - 1817PE
Lavender - 1815PE
Pink - 1819PE
White - 1810PE

Mixture - 1820PE
Each of the above: (26D0) 50 sds - $10.40
100 sds - $19.60 250 sds - $38.20
500 sds - $59.95 1,000 sds - $104.65

CANTERBURY BELLS MIXTURE - 5632
Perennial. 24-36 in. - 100,000 S. C. Medium. Large-flowered, deep blue color. 100 percent top-flowering with strong stems and good foliage. Cut back stems after flowering for a second flush. Very long vase life.

CAMPANULA, CARPATHICA

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

Blue - 5650PE
Deep Blue - 5656PE

White - 5651PE
Mixture - 5656PE

A mixture of all the above.

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

PEARL SERIES

Perennial. 6-8 in. - 350,000-400,000 S. (F-1 Hybrid). A profusion of cup-shaped, upward facing, 2 in. wide flowers above a mound of dark green foliage from late spring to late summer if deadheaded regularly. Forms compact, uniform clumps making it a good choice for edging, containers, the front of borders or growing among rocks. Weeks to flower: 20-24. Zones: 3-8

Deep Blue - 5689
White - 5692

Each of the above: (28CO) 100 sds - $8.10
200 sds - $13.55 500 sds - $23.70
1,000 sds - $38.35 2,000 sds - $69.70

PRISTAR SERIES

Perennial. 8-12 in. - 250,000 S. (F-1 Hybrid). Rounded, uniform plants laden with flowers and buds for a long-lasting color show. Zones: 4-9

Deep Blue - 5698
White - 5700

Each of the above: (29B0) 250 sds - $8.55
500 sds - $16.10 1,000 sds - $29.80
2,000 sds - $66.50 5,000 sds - $133.00

RAPIDO SERIES

Perennial. 5-7 in. - The earliest variety on the market - up to 4 weeks earlier than Clips. Spring/Summer rock garden variety. Controlled, mounted plant with rich flowering. Grows best in moist but well-drained soil. Indoor plant: avoid overhead watering. Plant in full to partial sun (3-6 hours). Delivers better young plant vigor and uniformity and better vigor of finished plant. PELLETED SEED. Zones: 3-9

Blue - 5658PE
White - 5659PE

Each of the above: (28CO) 100 sds - $8.10
200 sds - $13.55 500 sds - $23.70
1,000 sds - $38.35 2,000 sds - $69.70

CAMPANULA, MEDIUM SINGLE

CAMPANA SERIES DEEP BLUE (PELLETED) - 1824PE
30-34 in. - (F-1 Hybrid). C. medium. Large-flowered, deep blue color. 100 percent top-flowering with strong stems and good foliage. Cut back stems after flowering for a second flush. Very long vase life.

CHAMPION SERIES
24-48 in. - (F-1 Hybrid). C. medium. Attractive cut flower with the classic cup-shaped Canterbury Bells type appearance. Excellent basal branching, requires no support and will produce high quality cut flowers with long shelf life. Weeks to flower 15. PELLETED SEED.

CANTERBURY BELLS MIXTURE - 5632
Perennial. 24-36 in. - 100,000 S. Sturdy, upright plants with large bell-shaped flowers. Excellent as a cut flower and will add grace and elegance to any garden. Zones: 4-10

Blue - 5661
White - 5662
Mixture - 5663
Each of the above: (31A0) 1,000 sds - $7.25
2,000 sds - $14.50 5,000 sds - $25.60
10,000 sds - $42.30 (30A0)

CAMPANULA, MEDIUM SINGLE

CAMPANA SERIES DEEP BLUE (PELLETED) - 1824PE
30-34 in. - (F-1 Hybrid). C. medium. Large-flowered, deep blue color. 100 percent top-flowering with strong stems and good foliage. Cut back stems after flowering for a second flush. Very long vase life.

50 sds - $9.10 100 sds - $15.95
250 sds - $30.20 500 sds - $46.90
1,000 sds - $80.95 (26C0)

TROPAEOLEUM PERERGININUM CANARIENSE - 1816
Climber. 96 - 174 in. - 400-450 S. A popular quick-growing annual climber, bears curiously cut flowers with curved green spurs, the entire blossom vaguely resembling canary birds in flight. Grows in almost any soil, ideal for covering trellises.

Each of the above: (26D0) 50 sds - $7.25 200 sds - $10.70
500 sds - $17.00 1,000 sds - $27.85
2,000 sds - $49.55 (28A0)

CAMPANULA, MEDIUM DOUBLE

CANTERBURY BELLS MIX - 5633
Perennial. 36 in. - 130,000 S. Masses of bells in an astonishing range of blues, pinks and whites. Attractive rosette leaves. A gentle reminder of the cottage gardens days. Popular in English gardens since the 1500’s.

CUP & SAUCER MIXTURE - 5639
Perennial. 36 in. - 115,000 S. Attractive rosette leaves. Habit and growth similar to Canterbury Bells, but with an additional flat corolla around the base of each flower. 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

CANDYSPERMUM

375 sds/oz 65°-75° 15-20 Days
**CANNA**

100 sds/oz  70°-75°  1-2 weeks
Sow in January for summer bloom. Before sowing, scratch 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.

**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

**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).


**CHABAUDS GIANT SERIES FORMULA MIXTURE - 1833**

20-24 in.  - 14,000 S.  Tall, double, fringed flowers with a lovely spicy scent. The foliage is clump-forming and blue-green in color. Excellent for outdoor bedding, borders, containers and rock gardens.

**DWARF FRAGRANCE BABY DOUBLE MIXTURE - 1866**

10 in.  - 15,000 S.  Stiff straight stems, with flowers of about the same size as Chabaud, but with a most impressive of fragrance. Very suitable for pots and bedding.

**GRENADIN SERIES**

Perennial. 20 in.  - 16,000 S.  C. caryophyllus. Freely produce large double, wonderfully fragrant flowers on long, stiff stems. Blooms attract butterflies and make superb cut flowers. Flowers appear in flushes throughout summer and into fall. Bushy, base-branching plants with grassy, blue-gray leaves. Good for cutting or background planting Zones: 4

Cardinal Red - 5683

Golden Sun - 5682

King Of Blacks - 5681

Darkest red.

Pink - 5684

White - 5685

Mixture - 5688

Well balanced blend.

**LILLIPOST 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.

**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

Zanzibar - 1850

**CATANANCHE**

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

**CAERULEA**


**CATHERMUS**

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

**NEW ITEM THIS YEAR**  |  **CUT FLOWER**  |  **1ST YEAR FLOWERING PERENNIAL**
CELOSIA
55,000 sds/oz  70°-75°  8 days
After sowing seed, cover lightly with media. 5-7 weeks, summer, 7-10 weeks, spring.

CRAMER’S HI-Z - 1849

250 sds - $60.10  500 sds - $102.40
50 sds - $19.60  100 sds - $29.65
10,000 sds - $70.15  (30CO)

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

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  (29A0)

Purple - 1932
Purple feathery plumes on dark red-green stems and leaves.

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

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

Each of the above: (25F0) 25 sds - $10.40
50 sds - $19.60  100 sds - $29.65
250 sds - $53.45  500 sds - $90.85

SOL GEKKO GREEN (PELLETED) - 1908PE
New for 2020
10-14 in. - C. argentea. Foliage type. Attractive green-burgundy foliage. Color tends to be more intense or changes when the plant is grown outdoors under higher light levels. When grown indoors, color will stay mostly green. Great as an accent or border plant, formal garden, garden bed, small and mixed containers.

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

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.

CHIEF SERIES
36-40 in. - 39,000 sds. 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

PRESTIGE SCARLET - 1954
12-18 in. - 40,000 sds. (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.

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

CRAMER’S CRESTED SERIES
24-30 in. - 30,000-55,500 sds. 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

Each of the above: (30EO) 500 sds - $10.10
1,000 sds - $17.40  2,000 sds - $27.95
5,000 sds - $56.60  10,000 sds - $97.95

CELOSIA, CRISTATA (continued)

DRACULA (PELLETED) - 1884PE
8-16 in. - $20,000 sds. 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.

Each of the above: (25F0) 25 sds - $9.80  50 sds - $17.75
100 sds - $26.65  250 sds - $53.45
500 sds - $90.85  (25DO)

KURUME SERIES
36 in. - $35,500-42,000 sds. 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

Rose - 1892

Mixture - 1964

Each of the above: (30D0) 250 sds - $9.25
500 sds - $15.50  1,000 sds - $24.45
5,000 sds - $48.90  10,000 sds - $83.90

SPRING GREEN - 1845

Each of the above: (29D0) 250 sds - $7.25
500 sds - $14.10  1,000 sds - $24.45
2,000 sds - $42.30  (30A0)

TOREADOR - 1457
24 in. - $31,000 sds. Unusual, semi-tall, with large flower heads or combs of bright red with scarlet highlights. Weeks to flower: 9.

Each of the above: (26C0) 500 sds - $7.25
1,000 sds - $14.10  2,000 sds - $28.20
5,000 sds - $48.90  (26H0)

ARMOR MIGTUE - 1877
12-16 in. - 37,000 sds. 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. Excellent choice for mixed containers.

Each of the above: (26H0) 250 sds - $8.55
500 sds - $14.10  1,000 sds - $27.70
2,000 sds - $50.25  (30A0)

BRAINIA MAXI MIGTUE - 1847
New for 2020
6 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.

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

20  •  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 - $8.55  500 sds - $16.99  1,000 sds - $25.49
2,000 sds - $38.95

DRAGON’S BREATH - 1939
3/4 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 gallon 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 of the above: (29D0)
25 sds - $9.80  50 sds - $19.60  100 sds - $32.40  250 sds - $64.75  500 sds - $98.95
1,000 sds - $177.35

FIRST FLAME SERIES
3/4 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
3/4 24 - 36 in. - 35,000 S. Soft, feathery, striking upward scarlet plumes with bronzy dark red foliage. A common component in the cutting garden, as well as ornamental landscaping.

1,000 sds - $7.95  500 sds - $3.97  2,000 sds - $12.40  10,000 sds - $62.00
5,000 sds - $22.95  25,000 sds - $80.95

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 cockscomb types. Weeks to flower: 11-13.

Bright Pink (Pelleted) - 1992PE  Cherry - 1991
Dark Pink (Pelleted) - 1960PE  Gold - 1965
Orange (Pelleted) - 1961PE  Purple - 1940
Yellow - 1956  Mixture (Pelleted) - 1988PE

CELOSIA, PLUMOSA - FRESH LOOK SERIES (continued)

Orange (Pelleted) - 1958PE  Complete mixture of all colors.
Red (Pelleted) - 1952PE  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.
Scarlet - 1922  (All America Winner - 2004).
Yellow (Pelleted) - 1953PE  (All America Winner - 2004).
Mixture (Pelleted) - 1957PE

Fashion Look Mixture (Pelleted) - 1910PE

CELOSIA, PLUMOSA (continued on next page)
CELOSIA, PLUMOSA (continued)

NEW LOOK (RED) (PELLETED) - 1927PE

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PLUME SERIES

Golden - 1393
Pampas Plume - 1933

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.

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CENTURY MIXTURE - 1937

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KIMONO MIXTURE - 1919
5-6 in. - 44,000 S. Compact and colorful. Very early, extra dwarf mixtures with uniform growth habit and plum height. Beautiful for mixed patio containers for an attractive show of color.

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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 smokey pink, with the inner petals often tipped with black. Blossoms close at night. Great fresh or dried.

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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. Will establish in a December/January sowing. Seed germination best if lightly covered and kept at 70° soil temperature, needs darkness to germinate.

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CENTAUREA, PERENNIAL (continued)

MACROCEPHALA - 5713
= Perennial. 48 in. - 2000 S. C. macrocephala. Unusual ramrod-stiff flower stems with fat, rusty buds that open into large, golden-yellow, shaggy, thistle-like flowers the size of a small fist. Big coarse oval-shaped leaves. Outstanding fresh or dried. Zones: 3-7

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MONTANA - 5711
= Perennial. 18 in. - 2,000 S. C. montana. Mountain Blue. Erect and stoloniferous featuring spidery, deeply fringed, rich blue cornflowers with reddish blue centers and black edged involucres bracts. Gray-green, lance-shaped lower leaves. Zones: 3-7

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CENTRANTHUS

Pineapple Sangria - 6592
= Perennial. 24-36 in. - 19,000 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

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WHITE - 5717
= Perennial. 24-36 in. - 14,000 S. C. ruber. (Snowcloud). Airy clusters of fragrant white flowers with succulent-like, mid-green leaves that contrast perfectly with the vibrant flowers. Zones: 5-8

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CENTRANTHERUM
Brazilian 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 woolly 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)

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.
Coral - 2011EN  36 in. - Crimson
Crimson Beauty - 2012EN  36 in. - Crimson
Coral Beauty - 2013EN  36 in. - Coral
Coral Queen - 2014EN  36 in. - Coral
Coral Queen - (All America Winner - 1942). Vibrant pink.
Violet - 2067  36 in. - Bright violet.

Mixture - 2070  ☞
A formula blend of all varieties in this class.
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

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  (30A0)

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  ☞
Rose - 2092EN  ☞
White - 2093EN  ☞
Mixtures - 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

YELLOW BUTTONS - 2008
6 in. - 24,000 S. C. mutica. The small single daisy white flowers are solid yellow and 1 3/4 in. in diameter. Nice compact growing habit makes them ideal in pots or packs.

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.

Y NEW ITEM THIS YEAR | ☞ CUT FLOWER |  ☀ 1ST YEAR FLOWERING PERENNIAL
COLEUS

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**
Beautiful bicolor leaves are about 50% lime chartreuse border and 50% mahogany-red heart.

**Mosaic - 2125PE**
Unique pattern of bright green, cream and red shades. No two leaves are alike!

**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: (25F0) 25 sds - $10.40
50 sds - $19.60 100 sds - $29.65
250 sds - $60.10 500 sds - $102.40

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.

**Color Pride - 2132**
Bright rose edged in mottled green with bronzy red.

**Festive Dance - 2131**
Fiery orange, heavily bordered with dark bronze.

**Velvet Rainbow - 2156**
12-15 in. - Vivid deep red leaves.

**Master Blend Mix - 2133**
A sensational formulated blend.

Each of the above: (29B0) 250 sds - $8.55
1,000 sds - $21.85 2,000 sds - $36.55
5,000 sds - $74.95 (29B0)

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: (26E0) 50 sds - $10.40
100 sds - $19.60 250 sds - $38.20
500 sds - $59.95 1,000 sds - $104.65

All Flowers are listed together alphabetically. Perennials and Climbers marked in Blue
### COLEUS (continued)

**COLEUS-FUSEABLES**

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.

**CHOCOLATE SYMPHONY (multi-seed) - 2176MP**

Includes Chocolate Mint and Premium Sun Lime Delight.

**UNDER THE SUN (multi-seed) - 2175MP**

Includes Premium Sun Crimson Gold and Premium Sun Lime Delight.

**COREOPSIS (continued)**

**DOMINO - 5723**

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**DOUBLE THE SUN - 5706**

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**SUNRISE - 5734**

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**EARLY SUNRISE - 5734**

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<td>$10.00</td>
<td>$20.00</td>
<td>$40.00</td>
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**LUTEA - 5741**

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<tbody>
<tr>
<td>$8.30</td>
<td>$16.60</td>
<td>$33.20</td>
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</tr>
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</table>

**BROWN EYES - 5708**

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<tr>
<td>2,000 sds</td>
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<td>5,000 sds - $55.55</td>
<td>10,000 sds - $111.95</td>
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</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.

**ANTIOQUITY - 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**

Lovesong - 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  200 sds - $19.45

2,000 sds - $109.10  5,000 sds - $207.20

**APRICOT LEMONADE - 2221**

New for 2020  20-27 in. - 4,000 S. Petals start as a soft apricot shade with a pale lavender underside, fading over time to a creamy yellow.

100 sds - $10.40  200 sds - $19.45

500 sds - $35.65  1,000 sds - $59.35

2,000 sds - $110.10  (28G0)

**BLACK MAGIC - 2203**

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

10 sds - $15.75  25 sds - $32.80

50 sds - $58.90  200 sds - $199.60

500 sds - $459.40  (24NO)

**COSMOS (continued)**

**BROWNFIE - 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>
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<tbody>
<tr>
<td>10 sds</td>
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<tr>
<td>50 sds</td>
<td>$38.10</td>
</tr>
<tr>
<td>250 sds</td>
<td>$134.60</td>
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</tbody>
</table>

**CANDY STRIPE - 2223**

Mixture - 2194  A mixture of Pink, Red, Violet and White.

Each of the above: (28G0) 100 sds - $10.40  200 sds - $19.45

2,000 sds - $109.10  5,000 sds - $207.20

**CASANOVA SERIES**

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

**Pink - 2193**

New for 2020

**Mixture - 2194**  New for 2020

Each of the above: (28G0) 100 sds - $10.40  200 sds - $19.45

2,000 sds - $109.10  5,000 sds - $207.20

**CARMINA - 2204**

Deep rose with crimson zone.

**Dazzler - 2215**

Crimson-red flowers.

**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>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
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<tr>
<td>5,000 sds</td>
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**PIED PAPER RED - 2220**

Mixture - 2223  A delightful blend Pink, Red, Violet and White.

Each of the above: (28G0) 100 sds - $10.40  200 sds - $19.45

2,000 sds - $109.10  5,000 sds - $207.20

**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.

**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.

**COSMOS (continued)**

**WHITE - 2205**

Mixture of Carmine, Pink and White.

Each of the above: (28G0) 100 sds - $12.35  250 sds - $22.20

500 sds - $33.75  1,000 sds - $57.40

**DOUBLE CLICK SERIES**

24-31 in. - 4,000 S. Unusual double blooms. Tall with large, fully double and semi-double 2-3 in. blooms.

**Bicolor Pink - 2230**

Striking pink and white.

**Cranberries - 2231**

Carmine.

**Mixture - 2232**

Mixture of Carmine, Pink and White.

Each of the above: (26A0) 100 sds - $12.35  250 sds - $22.20

500 sds - $33.75  1,000 sds - $57.40

**NEW ITEM THIS YEAR**  |  **CUT FLOWER**  |  **1ST YEAR FLOWERING PERENNIAL**
**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-flowing. Heat and drought tolerant.

- **Carmine** - 2200
- **Pink** - 2201
- **Pink Blush** - 2202
- **Purple Shades** - 2195
- **Red Shades** - 2212
- **White** - 2207

**Mixture - 2211**

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<td>$43.60</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$79.80</td>
</tr>
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</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-flowing with outstanding garden performance. Excellent in packs, pots or mass plantings.

- **Orange** - 2227 (All America Winner - 2000)
- **Red** - 2237
- **Yellow** - 2228

**MIXTURE - 2229**

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<td>$3.25</td>
</tr>
<tr>
<td>25 sds</td>
<td>$1.25</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>
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</thead>
<tbody>
<tr>
<td>500 sds</td>
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<tr>
<td>1,000 sds</td>
<td>$14.10</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$25.60</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>
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<tr>
<td>500 sds</td>
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</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>
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<tbody>
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<td>$18.45</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$30.10</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 - 2231**
6-8 in. - 227,000 S. Thymophylla tenella. An ideal compact edging plant with airy, lace-like leaves and yellow flowers. Plants spread 12-14 in. Blooms continuously throughout the season.

<table>
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<tr>
<th>Package Size</th>
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</thead>
<tbody>
<tr>
<td>1,000 sds</td>
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<td>$14.10</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>
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**Bishop's Children - 2324**
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.

**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-flowing, compact mounded habit.

**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.

<table>
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</tr>
<tr>
<td>5,000 sds</td>
<td>$89.00</td>
</tr>
</tbody>
</table>

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

**FIGARO SERIES**
12 in. - 3,500 S. (F-1 Hybrid). An improved Riogetto type with more compact and earlier flowering. A beautiful blend of double flowers, 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>Sds</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>25,000 sds</td>
<td>$42.90</td>
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**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>
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<tbody>
<tr>
<td>100 sds</td>
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<td>$43.60</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$79.80</td>
</tr>
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</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>
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<th>Price</th>
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<td>$55.55</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$83.90</td>
</tr>
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</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. diameter carried on long stems. The finest of the double shasta daisies. Zones: 4-9

<table>
<thead>
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**BELLERINA SERIES**

**DAISY, SHASTA (continued)**

**CRAZY DAISY - 5094**
- **Perennial.** 24-28 in. - 22,500 S. Leucanthemum superbum. No two blooms are alike on this incredible daisy. The 2 1/2 in. blooms are fully double, in fact, they’re so crammed with petals you might be tempted to call them triple. The petals take just about every form you can imagine, from quilled to frilled to twisted to flat. Solid white petals around a small, buttery center. Zones: 4-9

<table>
<thead>
<tr>
<th>Sds</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
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<td>$33.10</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$59.65</td>
</tr>
</tbody>
</table>

**DIENERS EXHIBITION DOUBLE - 5752**
- **Perennial.** 28-30 in. - 21,500 S. Leucanthemum maximum. Large 6 in., frilly white flowers with yellow centers, produces over 50% double and semi-double flowers with nice large single flowers on the rest. The finest large double Shasta from seed. Zones: 4-9

<table>
<thead>
<tr>
<th>Sds</th>
<th>Price</th>
</tr>
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<tbody>
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<td>$30.10</td>
</tr>
<tr>
<td>25,000 sds</td>
<td>$61.85</td>
</tr>
</tbody>
</table>

**G. MARCONI DOUBLE WHITE - 5748**
- **Perennial.** 28-36 in. - 20,000 S. Leucanthemum maximum. Large double and semi-double flowers up to 6 in. in diameter carried on long stems. The finest of the double shasta daisies. Zones: 4-9

<table>
<thead>
<tr>
<th>Sds</th>
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</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
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<td>$25.60</td>
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<tr>
<td>10,000 sds</td>
<td>$43.60</td>
</tr>
</tbody>
</table>

**MADONNA - 5745**
- **Perennial.** 8-10 in. - 26,000 S. Leucanthemum x superbum. (F-1 Hybrid). Covered with pretty, clear white flowers with yellow centers. Some petals may have laced-edge petals for a unique look. Compact, sturdy plants build a new layer of flowers on top of the old ones. Features excellent vigour and leaf quality of optimal finishing in quarts to large containers using multiple plugs. Better uniformity in height and habit. Zones: 3-9

<table>
<thead>
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<td>$57.40</td>
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<tr>
<td>(25AF)</td>
<td></td>
</tr>
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</table>

**SILVER PRINCESS - 5751**
- **Perennial.** 10 in. - 26,000 S. Leucanthemum maximum. (F-1 Hybrid). (All American Winner - 1988). Will bloom the first year as a hardy perennial and is very early to flower. Pure white 2 1/2 in. flowers with contrasting yellow eye in the center. Ideal in 3 1/2 or 4 in. pots as they begin to flower at 6 in. tall. Enhanced seed 95% + germination. Zones: 4-9

<table>
<thead>
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<tr>
<td>1,000 sds</td>
<td>$57.40</td>
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**SNOW LADY (ENHANCED) - 5746EN**
- **Perennial.** 10 in. - 26,000 S. Leucanthemum maximum. (F-1 Hybrid). (All American Winner - 1988). Will bloom the first year as a hardy perennial and is very early to flower. Pure white 2 1/2 in. flowers with contrasting yellow eye in the center. Ideal in 3 1/2 or 4 in. pots as they begin to flower at 6 in. tall. Enhanced seed 95% + germination. Zones: 4-9

<table>
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<tr>
<td>100 sds</td>
<td>$12.40</td>
</tr>
<tr>
<td>500 sds</td>
<td>$22.95</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$38.45</td>
</tr>
<tr>
<td>25,000 sds</td>
<td>$80.95</td>
</tr>
</tbody>
</table>

**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.

**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.

<table>
<thead>
<tr>
<th>Sds</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>200 sds</td>
<td>$12.20</td>
</tr>
<tr>
<td>500 sds</td>
<td>$20.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$33.10</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$59.65</td>
</tr>
</tbody>
</table>

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

BLACKCURRANT SWIRL - 2577

60 in. - 2,000 S. Large double frilled 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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 sds</td>
<td>$9.80</td>
</tr>
<tr>
<td>50 sds</td>
<td>$17.75</td>
</tr>
<tr>
<td>100 sds</td>
<td>$26.65</td>
</tr>
<tr>
<td>250 sds</td>
<td>$53.45</td>
</tr>
<tr>
<td>500 sds</td>
<td>$90.85</td>
</tr>
</tbody>
</table>

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 80° 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 root 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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000 sds</td>
<td>$7.95</td>
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<tr>
<td>2,000 sds</td>
<td>$12.40</td>
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<tr>
<td>5,000 sds</td>
<td>$22.95</td>
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<tr>
<td>10,000 sds</td>
<td>$38.45</td>
</tr>
<tr>
<td>25,000 sds</td>
<td>$80.95</td>
</tr>
</tbody>
</table>

BLUE BUTTERFLY - 5794 (continued)

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$22.95</td>
</tr>
<tr>
<td>100 sds</td>
<td>$38.45</td>
</tr>
<tr>
<td>250 sds</td>
<td>$80.95</td>
</tr>
</tbody>
</table>

GUARDIAN SERIES

Perennial. 48-60 in. - 12,500 S. (F-1 Hybrid). D. elatum. A breeding breakthrough, with very uniform blooming within each variety, especially under short days. Outstanding as a tall landscape, bedding variety, commercial cut flower, or in potted plant programs. Premium seed quality, minimum 90% germination standard and more uniform germination.

Blue - 5250

White - 5253

Each of the above: (25K0) 25 sds - $9.80
50 sds - $17.75
100 sds - $34.50
250 sds - $86.70

Mixture - Crop failure. As a substitute, we suggest Guardian Blue.

DELPHINIUM (continued)

BLUE DONNA (VIOLET BLUE) - 5923

Perennial. 32 in. - 10,000 S. D. belladonna. (Formally Blue Shadow). Fast-growing and heat-resistant variety. Deep violet blue single flowers on strong stems. Comparable to Volkerfrieden but easier to cultivate. Best cut flower quality is obtained when plants are produced as an annual.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$8.10</td>
</tr>
<tr>
<td>200 sds</td>
<td>$13.55</td>
</tr>
<tr>
<td>500 sds</td>
<td>$23.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$38.35</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$69.70</td>
</tr>
</tbody>
</table>

BLUE MIRROR - 5770


<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>200 sds</td>
<td>$10.70</td>
</tr>
<tr>
<td>500 sds</td>
<td>$17.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$27.85</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$49.55</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>500 sds</td>
<td>$11.75</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$16.95</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$55.55</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$8.65</td>
</tr>
<tr>
<td>200 sds</td>
<td>$15.10</td>
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<tr>
<td>500 sds</td>
<td>$26.65</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$43.60</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$79.80</td>
</tr>
</tbody>
</table>

DELPHINIUM (continued)

DELFERN (ENHANCED)

Perennial. 30 in. - 12,000 S. D. elatum. First genetic dwarf Delphinium, it needs no staking at all. Outperforms its competitors, and performs as well as most Giants. A balanced blend of beautiful colors. Deep midnight violet. Dark Blue / White Bee - 5789

Light Blue / White Bee - 5790

Improved for 2019!

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Each of the above: (28F0)</td>
<td></td>
</tr>
<tr>
<td>100 sds</td>
<td>$9.85</td>
</tr>
<tr>
<td>200 sds</td>
<td>$17.95</td>
</tr>
<tr>
<td>500 sds</td>
<td>$35.90</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$57.85</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$8.10</td>
</tr>
<tr>
<td>200 sds</td>
<td>$13.55</td>
</tr>
<tr>
<td>500 sds</td>
<td>$23.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$38.35</td>
</tr>
</tbody>
</table>

LAVENDER SERIES - 5762

Perennial. 30 in. - 8,000 S. (All America Winner - 1963). A formula blend of the above colors, not comparable to Volkerfrieden but easier to cultivate. Best cut flower quality is obtained when plants are produced as an annual. Zones: 2-7

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$8.10</td>
</tr>
<tr>
<td>200 sds</td>
<td>$13.55</td>
</tr>
<tr>
<td>500 sds</td>
<td>$23.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$38.35</td>
</tr>
</tbody>
</table>

PACIFIC GIANT SERIES (ENHANCED)


<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$8.10</td>
</tr>
<tr>
<td>200 sds</td>
<td>$13.55</td>
</tr>
<tr>
<td>500 sds</td>
<td>$23.70</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$38.35</td>
</tr>
</tbody>
</table>

PACIFIC GIANT SERIES (ENHANCED) (continued)

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,000 sds</td>
<td>$69.70</td>
</tr>
</tbody>
</table>

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

29
**DELPHINIUM (continued)**

**PACIFIC GIANT SERIES**
- **Perennial.** 48-60 in. - 14,500 S. 1st year flowering perennial. 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

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

**SUMMER CLOUDS - 5448**
- **Perennial.** 10-12 in. - 28,500 S. 1st year flowering perennial. Clear medium blue, white bee.

**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

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

**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

- 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

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

- **Cherry Red - 2334PE**
  - Solid cherry color, with some flowers showing a darker red center.
  - 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10
  - 2,000 sds - $99.95

- **Rose - 2335PE**
  - Solid rose color, with some blooms showing a darker center.
  - 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10
  - 2,000 sds - $99.95

- **Strawberry - 2336PE**
  - White & red bicolor.
  - 100 sds - $9.85
  - 200 sds - $17.95
  - 500 sds - $32.65
  - 1,000 sds - $54.10
  - 2,000 sds - $99.95

**AMAZON SERIES**
- **Perennial.** 18-36 in. - (F-1 Hybrid). 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.

**DYNASTY SERIES**
- **16-20 in. - (F-1 Hybrid).** 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
  - 50 sds - $12.35
  - 100 sds - $22.20
  - 250 sds - $57.40

**MINIMUM ORDERS**
- **We do NOT have a minimum order requirement!**
- **All orders shipped the same day received!**

---

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

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

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

#### SUPER PARFAIT SERIES
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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raspberry - 2371</td>
<td>1,000 sds</td>
<td>$43.60</td>
</tr>
<tr>
<td>Red Peppermint - 2248</td>
<td>50 sds</td>
<td>$12.10</td>
</tr>
<tr>
<td>Strawberry - 2372</td>
<td>500 sds</td>
<td>$26.65</td>
</tr>
</tbody>
</table>

#### VENTI PARFAIT SERIES
6-8 in. - 26,000 S. (F-1 Hybrid). Covered with super-sized, sweetly scented blooms. Clusters of extra large fringed flowers. Well branched and vigorous habit. Holds up well to early spring cool temperatures. Perfect for containers, combinations and mass plantings.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blueberry Eye - 2253</td>
<td>1,000 sds</td>
<td>$43.60</td>
</tr>
<tr>
<td>Crimson - 2251</td>
<td>50 sds</td>
<td>$17.95</td>
</tr>
<tr>
<td>Crimson With Eye - 2252</td>
<td>500 sds</td>
<td>$26.65</td>
</tr>
</tbody>
</table>

#### TELSTAR SERIES
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.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burgundy - 2299</td>
<td>1,000 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>Carmine Rose - 2352</td>
<td>500 sds</td>
<td>$18.45</td>
</tr>
<tr>
<td>Picotee - 2361</td>
<td>1,000 sds</td>
<td>$43.60</td>
</tr>
</tbody>
</table>

#### WEED WILLIE - 2366

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZING ROSE - 5834</td>
<td>1,000 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>Perennial - 6 in. - 37,000 S. D. deltoides.</td>
<td>1,000 sds</td>
<td>$11.75</td>
</tr>
</tbody>
</table>

#### HOLBORN GLORY - 5806
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.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. barbatus interspecific</td>
<td>250 sds</td>
<td>$10.40</td>
</tr>
<tr>
<td>D. deltoides.</td>
<td>500 sds</td>
<td>$27.70</td>
</tr>
</tbody>
</table>

### DIANTHUS-SWEET WILLIAM

#### Sweet William
20,000 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.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red - 5200PE</td>
<td>1,000 sds</td>
<td>$7.95</td>
</tr>
<tr>
<td>Pink Magic - 5201PE</td>
<td>5,000 sds</td>
<td>$38.45</td>
</tr>
<tr>
<td>Purple - 5198PE</td>
<td>250 sds</td>
<td>$42.90</td>
</tr>
</tbody>
</table>

### DASH MIXTURE (PELLETED) - 5206PE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burgundy - 2299</td>
<td>50 sds</td>
<td>$12.10</td>
</tr>
<tr>
<td>Carmine Rose - 2352</td>
<td>250 sds</td>
<td>$46.15</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Magic - 5201PE</td>
<td>250 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>Purple - 5198PE</td>
<td>5,000 sds</td>
<td>$38.45</td>
</tr>
</tbody>
</table>

### DIANTHUS-SWEET WILLIAM
#### Pink Magic

Dianthus

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rockin’ Series</td>
<td>1,000 sds</td>
<td>$43.60</td>
</tr>
<tr>
<td>Perennial.</td>
<td>250 sds</td>
<td>$13.90</td>
</tr>
</tbody>
</table>

Red - 5200PE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Magic</td>
<td>25 sds</td>
<td>$11.75</td>
</tr>
<tr>
<td>500 sds</td>
<td>$18.45</td>
<td></td>
</tr>
</tbody>
</table>

Double Midget Mixture - 5206PE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Magic</td>
<td>250 sds</td>
<td>$10.40</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$23.00</td>
<td></td>
</tr>
</tbody>
</table>

Sweet William - 5200PE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Rate</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Red</td>
<td>250 sds</td>
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<tr>
<td>5,000 sds</td>
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New for 2020

<table>
<thead>
<tr>
<th>Variety</th>
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<tbody>
<tr>
<td>Blueberry Eye - 2253</td>
<td>1,000 sds</td>
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<tr>
<td>Red Peppermint - 2248</td>
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Zig Zag Series - 5200PE

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<tr>
<td>Blueberry Eye - 2253</td>
<td>25 sds</td>
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Order Seed, Plants, Plugs and Tags by phone at 800.380.4721 or online at germaniaseed.com | Flowers
**DIANTHUS-SWEET WILLIAM** (continued)

**OESCHBURG - 5769**

<table>
<thead>
<tr>
<th>Item</th>
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**PINK BEAUTY - 5797**

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<tr>
<td>10,000 sds</td>
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**SCARLET BEAUTY - 5807**

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<tr>
<td>10,000 sds</td>
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**SINGLE FINEST MIXTURE - 5811**

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**SINGLE MIDGET MIXTURE - 5821**

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<td>10,000 sds</td>
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<td>$119.70</td>
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**SINGLE FINEST MIXTURE - 5811**

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**SILVER FALLS - 2378**

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<tr>
<td>10,000 sds</td>
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<td>$119.70</td>
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**DIANTHUS-SWEET WILLIAM** (continued)

**SWEET SERIES**

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<th>Item</th>
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<tbody>
<tr>
<td>Black Cherry</td>
<td>$50</td>
<td>$225</td>
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</tbody>
</table>

**CUT FLOWER**

**Order Pixie Picture Tags by 12/25 & pay $3.29 per 100 when you order $250.00 or more in plants, plugs & seeds.**
DIGITALIS (continued)

**PAM’S SPLIT - 5231**
- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65 (2880)

**DIMORPHOTHECA**
- Cape Marigold or African Daisy
- 10,000 sds/oz - 60° - 7 days

**DOLICHOS**
- 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 sds. 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.

**LABLAB RUBY MOON - 5849**
- Climber. 100 sds. 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 type available.

DIGITALIS

**Foxglove - 5853**
- 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

**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

**CAMELOT 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

**CANDY MOUNTAIN - 5229**
- Perennial. 36-48 in. - 295,000 S.
- D. purpurea. Peach flowers which turn lillac 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

**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

**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 markings 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. The solid colors with contrasting spots are beautiful. Weeks to flower: 20-24. Zones: 4-9

**MERTONENSIS - 5863**
- Perennial. 30-36 in. - 135,000 S. Unique strawberry-red spikes. Hardy variety. Zones: 4-8

**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.

**LABLAB - 5800**
- Climber. 100 sds. 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.

**LABLAB RUBY MOON - 5849**
- Climber. 100 sds. 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 type available.
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
① 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
100 sds - $7.25  200 sds - $12.20
500 sds - $20.70  1,000 sds - $33.10
2,000 sds - $59.65  (28B0)

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 for improved and more uniform production under short days (less than 16 hours). For uniform flowering plants, 2-3 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 it fits better in your schedule. For uniform flowering plants, zones: 4-7
10,000 sds - $83.90  2,000 sds - $24.45
5,000 sds - $48.90  1,000 sds - $15.50
250 sds - $9.25  500 sds - $14.60  (24N0)

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 companion plant for highlighting blossoms from other surrounding plants.
100 sds - $8.10  200 sds - $13.55
500 sds - $23.70  1,000 sds - $38.35
2,000 sds - $69.70  (28C0)

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  (31B0)

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  (31B0)

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
① 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 it fits better in your schedule. For uniform flowering plants, production under short days (less than 16 hours) should be done until 7 true leaves have developed. Enhanced seed for improved and more uniform germination. Weeks to flower: 18-22. Zones: 4-10
Red Ombre - 6687EN ② New for 2020 ①
Flowers open red and soften in color with age.
Soft Orange - 6688EN ② New for 2020 ①
Flowers open deep orange and soften as they mature.

BABY WHITE SWAN - 6494
Perennial.  15-20 in. - 10,000 S. E. purpurea. (Cygnet White). A pocket size verison of White Swan. Richly-branched and compact habit. Zones: 3-8
100 sds - $10.40  200 sds - $19.45
500 sds - $36.55  1,000 sds - $59.35
2,000 sds - $99.95  (28F0)

BRAYADO - 6224
① 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
Perennial.

Flowers
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New Item this year | Cut Flower | 1St Year Flowering Perennial

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ECHINACEA (continued)

**CHEYENNE SPIRIT - 6217**
- **Perennial.** 18-30 in. - 7,000 S. E. purpurea. (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 color 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. - 7,500 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.
    - Each of the above: 50 sds - $12.10
  - **Compact White - 6680**
    - 14-16 in. Ivory white.
    - Each of the above: 50 sds - $12.10
  - **Deep Rose - 6679**
    - 22-24 in. Rose-pink. Blooms 2-4 weeks earlier than other varieties.
      - 100 sds - $23.20
      - 500 sds - $73.15
    - Each of the above: 1,000 sds - $128.25

**PRIMA Donna WHITE - 6467**
  - 100 sds - $9.85
  - 500 sds - $32.65
  - 2,000 sds - $89.90

**PURPuRE - 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
  - 1,000 sds - $7.25
  - 5,000 sds - $18.45
  - 25,000 sds - $61.85

**POW WOW WILD BERRY - 6460**
- **Perennial.** 16-24 in. - 7,000 S. E. purpurea. (All America Winner - 2010). Gardeners will love the deep rose-purple 3-4 in. flowers that will retain color on the plant longer. More flowers per plant compared to other Echinacea varieties on the market. Weeks to flower: 20. Zones: 4-9
  - 25 sds - $10.40
  - 100 sds - $29.65
  - 500 sds - $102.40

**RiTuRO - 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
  - 250 sds - $7.25
  - 1,000 sds - $16.95
  - 5,000 sds - $55.55

**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
  - 25 sds - $7.55
  - 100 sds - $17.70
  - 500 sds - $56.20

**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
  - 500 sds - $8.30
  - 2,000 sds - $20.95
  - 10,000 sds - $70.15

**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.

**NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL**
ERICERON
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.

AZEURE FAIRY - 5874
Perennial.  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

PROFUSION - 5876
Perennial.  8-10 in. - 400,000 S.  E. karvinskianus.  This hardy perennial will flower in just 3 months from seeding. The beautiful white changing to pink flowers will blossom all summer.  The 1/2 to 3/4 in.  daisly-like flowers are outstanding for beds, borders, tubs and hanging baskets.  Zones: 6-9
- 500 sds - $9.25
- 1,000 sds - $15.50
- 2,000 sds - $24.45
- 5,000 sds - $48.90
- 10,000 sds - $83.90

ERYNGIUM (continued)
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.

ALPINUM SUPERBUM - 5879
Perennial.  30 in. - 4,000 S.  One of the showiest sea hollies. The metallic stems and large thistle like heads mature to an unusual sword shaped silvery green foliage, with a collar of soft blue spines.  Zones: 4-8
- 250 sds - $12.10
- 500 sds - $23.10
- 1,000 sds - $36.25
- 2,000 sds - $62.95
- 5,000 sds - $132.85

BLUE GLITTER - 5916
Perennial.  36-40 in. - 20,000 S.  E. planum.  Only first year flowering Eryngium!  Small, shimmering blue-purleleaf cushion 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

PLANUM - 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

ERYNGIUM
Sea Holly
18,000 sds/oz  68°  14 days
Each of the above: (26E0)  50 sds - $10.40
- 100 sds - $19.60
- 250 sds - $38.20
- 500 sds - $59.95

CANARIES YELLOW - 6052
Perennial.  12 in. - Improved for 2020!  20,500 S.  E. hybridum.  First color to kick off early spring.  Clusters of delicate canary golden yellow flowers from March to May will provide early season bee pollen.  A great plant for a rock garden or a flowering pot plant for the patio.  Zones: 4
- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10

CITRONA ORANGE - 6060
Perennial.  8-12 in. - 12,000 S.  An abundance of highly-colored flowers have a nice, clean fragrance.  Comparable to pansies for crop time, culture and flowering.  Weeks to flower: 11-12.
- 50 sds - $9.80
- 100 sds - $17.75
- 250 sds - $43.25
- 500 sds - $85.45
- 1,000 sds - $192.80

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.
- 1,000 sds - $7.25
- 2,000 sds - $14.50
- 5,000 sds - $27.75
- 10,000 sds - $55.50

GOLDEN WEST - 3634
12 in. - 18,000 S.  A spectacular bloomer producing beautiful, soft, golden yellow cup shaped flowers with orange hearts.  These have a habit of opening and closing with the sun, appropriate for their native Golden State.
- 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

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
- 500 sds - $17.70
- 1,000 sds - $27.85
- 2,000 sds - $49.55

BABY DWARF FLORIST BLUE (ENHANCED) - 6691EN
Perennial.  12-30 in. - 29,500 S.  E. pulverulenta.  Young foliage is strikingly silvery-grey and round in form.  Retains its bluish juvenile color.  Very fragrant foliage.  Excellent for use as a cut foliage item for floral arrangements.  Great in patio pots or as a house plant.  Enchanced for better germination.  Zones: 8-11
- 50 sds - $8.30
- 100 sds - $14.20
- 250 sds - $26.15
- 500 sds - $40.30
- 1,000 sds - $69.20

GLOBULUS (BLUE) - 5881
Perennial.  42,000 S. (Blue Gum).  Broad, shiny leaves on smooth gray-white stems.
- 50 sds - $9.10
- 100 sds - $15.95
- 250 sds - $30.20
- 500 sds - $46.90
- 1,000 sds - $80.95

LEMON BUSH - 5464
Perennial.  36-60 in. - 5,600 S.  A quick and easy to grow species with slender stems and unusual sword shaped silvery green foliage, which becomes tinged with red as autumn approaches.  Crush the foliage and it gives off a refreshing spicy lemon aroma which is known to deter mosquitoes.  Ideal for indoor or patio.  Zones: 9
- 25 sds - $10.90
- 50 sds - $20.55
- 100 sds - $31.15
- 250 sds - $63.25
- 500 sds - $108.15

SALIGNA - 6681
Perennial.  8,800 S. (Sydney Blue Gum).  Bark is smooth with a powdery white or grey color. Typically grown as a cut flower Annual.  Young leaves are ovate and glossy green to dark green.  Adult leaves are narrow tapering toward the base and are dark green.  Could reach up to 150 feet tall.  Zones: 9-10
- 100 sds - $7.25
- 200 sds - $12.20
- 500 sds - $20.70
- 1,000 sds - $33.10
- 2,000 sds - $59.65

SILVERDOLLAR GUM - 6689
Perennial.  43,500 S.  E. polyanthemos.  A fast growing tree with an upright, rounded form.  Bark is smooth with a powdery white or grey color. Typically grown as a cut flower.  Zones: 10
- 100 sds - $8.30
- 200 sds - $13.55
- 500 sds - $23.70
- 1,000 sds - $38.35
- 2,000 sds - $69.70
### EUCALYPTUS (continued)

**SILVERDOLLAR - 6682**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price 100</th>
<th>Price 500</th>
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</tr>
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</table>

### EUPHORBIA (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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price 25</th>
<th>Price 100</th>
<th>Price 500</th>
<th>Price 1,000</th>
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<tr>
<td>500 sds</td>
<td>$102.40</td>
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</table>

#### POLYCHROMA - 5884

**Perennial.** 15-18 in. - 8,000 S. E. epithymoides. Bushy plants with bright yellow bracts in April changing to rosy bronze in the fall. Zones: 4-7

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price 100</th>
<th>Price 200</th>
<th>Price 1,000</th>
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<tr>
<td>2,000 sds</td>
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</table>

#### VARIEGATA - 2424
35 in. - 1,400 S. E. marginata. (Snow on the Mountain, Mountain Snow). Pure white bracts contrast well with green foliage. Grown as much for its foliage as for its flowers, small but showy leaves may be light green, variegated or entirely white. Foliage variegation occurs when days begin to shorten. Tiny flowers, each with whitish, petal-like bracts, are borne in clusters atop the strong stems. Long vase life. Productive, elegant filler for bouquets.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price 250</th>
<th>Price 1,000</th>
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</thead>
<tbody>
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<tr>
<td>1,000 sds</td>
<td>$16.95</td>
<td>$27.70</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$55.35</td>
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#### FLAX

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

**VARIEGATA - 2424**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price 5,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000 sds</td>
<td>$55.35</td>
</tr>
</tbody>
</table>

#### PODDED FLAX - 3405
18-36 in. - 2,500 S. Linum usitatissimum. (Common Flax). A must have of pea-shaped seeds on long, strong stems. Lovely soft green color when fresh, drying to a soft beige, but may be dyed or sprayed. Before the pods form the masses of short-lived, sky blue blooms makes this a lovely addition to garden borders.

<table>
<thead>
<tr>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
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<td>$25.60</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$42.30</td>
<td></td>
</tr>
</tbody>
</table>

#### FELICIA
20,000 sds - 70°-80° 20 Days

### ARIZONA APRICOT - 6810

**Perennial.** 12 in. - 10,400 S. (All America Winner - 2011). G. grandiflora. Distinctive apricot flower color of the 3-3 1/2 in. daisy-like flowers, described as exceptionally lovely and lighter in color than traditional gaillardia. Blooms have yellow edges that deepen to a rich apricot in the center. Compact, free-flowering plants offer bright green foliage and a tidy uniform habit. Great impact in pots, mixed containers or the landscape. Zones: 2-10

### ARIZONA RED SHADES - 6811


### ARIZONA SUN - 5893

**Perennial.** 8-10 in. - 10,500 S. G. grandiflora. (All America Winner - 2005). (Fleuroselect Gold Medal). Compact, bushy plants are early blooming and thrive in the hot sun; very heat and drought tolerant. Abundant, 2-3 in. flowers are bright red with yellow tips. Weeks to flower: 13-14. Zones: 2-10

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GAillardia (continued)

Burgundy - 5896
- 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 - $17.70  1,000 sds - $32.75
  2,000 sds - $49.55

Goblin - 5898
- Perennial. 12 in. - 12,000 S. G. grandiflora. Red and yellow bicolor. Zones: 2-10
  250 sds - $10.90  500 sds - $20.25
  1,000 sds - $31.40  2,000 sds - $54.20
  5,000 sds - $113.55

Gaura
1,500 sds/oz  70°  10-20 days
Light will help germination.

Lindheimeri (The Bride) - 5901
- 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 - $17.45
  1,000 sds - $26.60  2,000 sds - $46.35
  5,000 sds - $94.25

Sparkle White - 5902
- 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 gausas.
  25 sds - $7.55  50 sds - $12.35
  100 sds - $17.70  250 sds - $33.75
  500 sds - $56.20

Gazania
12,000 sds/oz  65°-70°  10-12 days
All varieties of Gazania are cleaned seed. For the best germination, cover seeds lightly after sowing. Needs darkness to germinate.

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. Weeks to flower: 13-15.
Frosty Orange - 3515  Frosty Red - 3512
Orange - 3525  Orange Flame - 3529
Rose - 3526  Yellow - 3528

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 - 2431P
Colors include Bronze Shades, Clear Orange, Pink Shades, Red Shades, White and Yellow.
Each of the above: (28F0)  100 sds - $9.85
  200 sds - $19.75  500 sds - $37.75
  1,000 sds - $51.00  2,000 sds - $89.90

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.

New Item This Year
1st Year Flowering Perennial
Cut Flower
**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 growth 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 flower 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.

**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.

**QUANTUM SERIES**

Sorry, no longer available.

**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.

**MAVEX SERIES**

14 in. - 6,000 S. (F-1 Hybrid). (All America Winner - 2019). Improved for 2019!

**PINTO SERIES**

12-14 in. - 6,000 - 7,000 S. (F-1 Hybrid). Very early and uniform with outstanding garden performance and contrasting zoned leaf. Premium seed quality, minimum 92% germination of all varieties at NO premium price to you. Ideal for 4 in. production. Weeks to flower: 12-14.

**QUANTUM SERIES**

Sorry, no longer available.

**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

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

39
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.

GOMPHRENA

REVOLUTION SERIES
Select Mixture (Coated) - 4999PE
4-8 in. - 4,000 S.  (F-1 Hybrid). Produces masses of vividly colored daisy-like flowers. Mixture includes both solid and dark eyed colors. High uniformity enables a consistent, fully programmable, high-density crop year around. No surprises, you grow, pick, pack and ship. Better second flush of flowers than the competition. Ideal for the front of a border or patio pots and containers. Weeks to finish: 8-10.

LADY STRATHEilden - 5912
Perennial. 24 in. - 20,000 S.  G. avens. (Goldball). Double 3 in., 5-petaled, golden yellow flowers. Zones: 5-7

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

GODETIA
35,000 sds/oz  70°  10 days
For the best germination, cover lightly after sowing. After germination, allow 6-8 true leaves to appear before making a top pinch and transplanting to 9 in. x 9 in. spacing. Sprays for aphids. Grow in shallow benches or flats just like Clarkia in the greenhouse. Outdoors they thrive best in a cool moist location. Excellent as a cut flower or pot plant. For best results, water sparingly. Will attract hummingbirds all season.

GRACE SERIES
24-30 in. - 41,000-60,000 S.  (F-1 Hybrid). Excellent as a long lasting cut flower with good heat and cold tolerance. Each plant will produce 15 flowers that are 3-4 in. across. Weeks to flower: 16-18.

RED - 2488
Salmon - 2276
Mixture - 2490

GOMPHRENA
5,000-12,000 sds/oz

AUDRAY SERIES
20-24 in. - 9,500 S.  G. globosa. A versatile performer that is well suited for farmers markets, fresh by the bunch or already dried. It is an excellent dried flower and will add a burst of color to any mixed bouquet. Grows well in hot, humid conditions. Weeks to flower: 10-12.

Bicolor Rose - 2254
(Formally Bicolor Rose). Lavender-rose with white center.

Pink - 3591
Purple Red - 3592
White - 3593
Mixture - 3590

GORGEOUS DAISY
Rudbeckia hirta
45,000 sds/oz  70°  2 weeks
Long lasting and colorful cutflower.

IRISH EYES - 2486
24-30 in. - 5,500 S.  Large single, golden yellow flowers have an emerald green center. A profuse bloomer. Spreads rapidly to cover a large area. Excellent in borders or naturalized gardens.

Each of the above: (2575) 250 sds - $8.55
500 sds - $14.60 1,000 sds - $21.85
2,000 sds - $36.55 5,000 sds - $74.95

BLUE SERIES
8 in. - 12,000-15,000 S.  G. globosa. Ball shaped, compact plants. Excellent for bedding and pots; good weather tolerance.

Purple - 2601
Rose - 2600
White - 2602
Mixture - 2599
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

**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 •

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

Each of the above: (2980)
- 250 sds - $8.55
- 1,000 sds - $21.85
- 2,000 sds - $36.55

**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

**Mixture - 2603 •**

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

Each of the above: (2980)
- 250 sds - $8.55
- 1,000 sds - $21.85
- 2,000 sds - $36.55

**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

COVENT GARDEN MARKET - 2626
= 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

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 Snowflake - 5922
= 1 Perennial. 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
(2880)

GYPSOPHILA, PERENNIAL (continued)

Repens Rose - 5927
= 1 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
= 1 Perennial. 6 in. - 35,000 S. Fine for rock gardens or trailing plants. Will flower the first year from seed. Zones: 3-8

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
= 1 Perennial. 48 in. - 130,000 S. H. autumnale. 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

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

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 cutflower. 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 for any garden.

SUMMER SUN - 5939
= 1 Perennial. 36-60 in. - 7,000 S. 4 in. double, bright golden flowers on long, strong stems. Will bloom July-September. Will flower first year from seed. Zones: 3-9

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.
- 250 sds - $7.25
- 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.
- 5,000 sds - $55.55
(29A0)

HERNIAARIA
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.
- Zones: 8-11
- 1,000 sds - $7.25
- 5,000 sds - $13.90
- 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. matrosilis. Sweetly scented flowers that bloom late spring to early summer. Evergreen foliage. Prefers full sun to part shade. Attracts butterflies, bees and birds.
- Zones: 4-9
- 500 sds - $7.25
- 1,000 sds - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30
(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. saxifragaeceae. 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 - $9.55
- 2,000 sds - $16.15
- 5,000 sds - $31.95
- 10,000 sds - $55.25
- 25,000 sds - $118.95
(31E0)

FIREFLY - 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
- 2,500 sds - $9.70
- 5,000 sds - $17.45
- 10,000 sds - $34.90
(29C0)

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 - $43.60
- 5,000 sds - $94.25
(29C0)

MELTING FIRE (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
- 100 sds - $8.10
- 250 sds - $20.25
- 500 sds - $38.60
(28CO)

PALACE PURPLE - 5950
Perennial. 18 in. - 635,000 S. P. Rose - 6574
- 20 in. - 2,000 S. (F-1 Hybrid).
- 25 sds - $10.40
- 50 sds - $19.60
- 100 sds - $38.35
- 250 sds - $76.70
- 500 sds - $144.90

HIBISCUS
Rose Mallow
2,100 sds/oz  70°-80°  10-14 days
For the best germination, let the seed soak in warm water for 48 hours before sowing. Be sure to change the water daily. Cover seeds lightly after sowing. Darkness will help germination. Blooms July-September. Will attract butterflies and songbirds all season.

DISCO BELLE SERIES ● New for 2020
Perennial. 20 in. - 2,000 S. (F-1 Hybrid). Beautiful 9 in. diameter flowers. Basal branching habit with compact growth make it an outstanding garden performer. (Will require protection where winters are very severe.) Zones: 5-9
- Pink - 5963 ● New for 2020
- Rosy Red - 5959 ● New for 2020
- White - 5960 ● New for 2020
- Mixture - 5958 ● New for 2020
A mixture of all the above.

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
- Red - 6573
- Rose - 6574 ● Deep clear rose.
- White - 6579
- White flower with large red eye.
- Mixture - 6580
Each of the above: (24H0)
- 10 sds - $9.55
- 25 sds - $19.45
- 50 sds - $32.80
- 100 sds - $51.55
- 250 sds - $114.90

MAHOGANY SPLENDOR - 5910
Perennial. 36-60 in. - 2,250 S. H. acetosella.
- 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.
- 500 sds - $102.40   (25F0)

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 | Flowers
**HOLLYHOCK**

Alcea Rosea  
2,000 sds/oz  60°  10 days

Will attract hummingbirds and butterflies all season.

**CHATTERS 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  2,000 sds - $27.70  5,000 sds - $55.55

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**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  (26F0)

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**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. These stunning cottage garden perennials 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: (25Co) 25 sds - $9.10  50 sds - $15.95  100 sds - $23.70  250 sds - $46.90  500 sds - $79.30

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**INDIAN SPRING - 2654**

Perennial. 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  (29A0)

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**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  (26F0)

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**SINGLE FLOWERED**

**Black Beauty - 5961**

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

250 sds - $9.70  500 sds - $17.45  1,000 sds - $34.90  2,000 sds - $69.80  5,000 sds - $139.60  (29C0)

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**SPRING CELEBRITIES MIXTURE - 6507**

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 - $34.90  2,000 sds - $69.80  5,000 sds - $139.60  (29C0)

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**SPRING CARNIVAL MIXTURE - 6508**

Perennial. 28-32 in. - 7,000 S. An unforgettable mixture that includes Carmine Rose, Crimson, Lemon, Lilac, Pink, Purple and White. Significantly better basal branching, with double to semi-double blooms that appear 15-17 weeks after March sowing and flowers continuously for three months under favorable conditions. Vigorous, compact, multi-stemmed that quickly establishes in large pots and in the garden. Zones: 3-9

25 sds - $11.30  50 sds - $21.35  100 sds - $32.65  250 sds - $66.55  500 sds - $131.95  (25Ho)

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**SUMMER CARNIVAL MIXTURE - 5703**

Perennial. 48 in. - 3,000 S. (All America Winner - 1972). A colorful display of colors, these fully double flowered plants will bloom the first year from seed. Will bloom June-September. Zones: 5-8

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

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**HUNNEMANNIA**

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

**SUNLITE - 2646**

24 in. - 7,500 S. A delight to see! Wonderfully greyish fern-like foliage complimented by rich yellow 2-3 in. flowers. Ideal for a sunny border.

100 sds - $7.25  200 sds - $14.50  500 sds - $31.75  1,000 sds - $63.50  2,000 sds - $94.75

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**HYPOESTES**

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

Cover seeds lightly 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.

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**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

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**WHITEOUT - 5989**

Perennial. 6-8 in. - 10,000 S. (Snowflake). deserving 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

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**IBERIS**

Hardy Candytuft  
7,000 sds/oz  60°  15 days

For the best germination, do not cover seeds after sowing in indented rows. Blooms June-August. Will help repel deer all season. Will flower April-July.

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**CANDYTUFT**

**RED SELECTIONS**

Also see listing of Candytuft under Flowers.

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**NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL**
**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 obducens. 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 could anything 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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**IMPAIATENS, 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

**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 Impaties 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.germaniaseed.com/XDR

**Weeks to flower: 8-10 for packs; 10-12 for pots.**

**Orange - 2794**

**Pink - 2815**

**Red - 2797**

**Rose - 2798**

**Violet - 2771**

**Mixtures - 2817**

A complete mixture of all the above.

Each of the above: (3000) 1,000 sds - $20.85 2,000 sds - $35.95 5,000 sds - $88.10 10,000 sds - $172.50

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The first Impatiens walleriana with a high degree of resistance to downy mildew.

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**BEACON IMPATIENS**

**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./25-30 cm / **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 will only be selling this uniseed premium flowering form that requires no pinching. 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 - $10.90
1,000 sds - $19.25
2,000 sds - $35.50
5,000 sds - $84.60
10,000 sds - $160.45
Mixtures - Sorry, no longer available.

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

IMPATIENS, F-1 HYBRID (continued)

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. Weeks to flower: 10-12.
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
Mixtures - Sorry, no longer available.

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.
25 sds - $7.55
100 sds - $17.70
500 sds - $56.20
1,000 sds - $95.35
2,000 sds - $188.65
5,000 sds - $316.55
FLORIFIC MIXTURE - 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.
50 sds - $9.10
100 sds - $15.95
250 sds - $30.20
500 sds - $46.90
1,000 sds - $80.95

For satisfactory germination, soil quality, minimum 95% germination is required. Due to the breeder’s development efforts, we will only be selling this uniseed premium quality 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 Mixture 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.
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 crinkled 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: 9 for 4 in.; 13-14 for 10 in.
   25 sds - $10.40  50 sds - $19.60
   100 sds - $29.65  250 sds - $60.10
   500 sds - $102.40

KALE, FLOWERING
Brassica 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. 600,000 sds/oz
   25 sds - $9.10  50 sds - $15.95
   100 sds - $23.70  250 sds - $46.90
   500 sds - $79.30

CRANE FEATHER SERIES  20-36 in. - 7,000 S. (F-1 Hybrid). The first uniform feathered-leaf flowering kale. The texture brings a contemporary flair to arrangements and bouquets.
King (white) - 4705  Each of the above: (26EC)  50 sds - $10.40
   100 sds - $19.60  250 sds - $38.20
   500 sds - $59.95  1,000 sds - $104.65

QUEEN (red) - 4706  Each of the above: (26EC)  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. Each of the above: (28CO)  100 sds - $8.10
   200 sds - $13.55  500 sds - $23.70
   1,000 sds - $38.35  2,000 sds - $69.70

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 waxless which create an intense, vivid color. Flower head is in the 10 to 12 inch range. Once night time temperatures dip 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  250 sds - $46.90
   500 sds - $79.30

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.
   Rose - 2256 Mixture - 2257
   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: (28EC)  100 sds - $9.30
   200 sds - $16.55  500 sds - $29.65
   1,000 sds - $48.85  2,000 sds - $89.90

KENILWORTH IVY
Linaria Cymbalaria  600,000 sds/oz
Trailing plants for rock gardens. Small lilac flowers; foliage in long drooping sprays.
   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

30% Discount Off your Seed Orders of $500 or more when booked by Oct 31st!

Larkspur - Also see listing of Delphinium under Flowers.
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-lavender outer leaves.
   1,000 sds - $7.25  2,000 sds - $12.40  5,000 sds - $20.95
   10,000 sds - $38.35  25,000 sds - $69.70

KALE, FLOWERING
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 waxless which create an intense, vivid color. Flower head is in the 10 to 12 inch range. Once night time temperatures dip 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  250 sds - $46.90
   500 sds - $79.30

38 in. - 11,000 S. 2 in. pure white, double flowers with picotee blue edges.
   500 sds - $8.30  1,000 sds - $13.55
   2,000 sds - $20.95  5,000 sds - $41.10
   10,000 sds - $70.15

FROSTED SKIES - 2287
38 in. - 11,000 S. 2 in. pure white, double flowers with picotee blue edges.
   500 sds - $8.30  1,000 sds - $13.55
   2,000 sds - $20.95  5,000 sds - $41.10
   10,000 sds - $70.15

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: (31CO)  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: (31AO)  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
**LATHYRUS (SWEET PEA)**

*Hardy Sweet Pea*

<table>
<thead>
<tr>
<th></th>
<th>500 sds/oz</th>
<th>55°-65°</th>
<th>3 to 4 weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$7.25</td>
<td>200 sds</td>
<td>$12.20</td>
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<tr>
<td>500 sds</td>
<td>$20.70</td>
<td>1,000 sds</td>
<td>$33.10</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$59.65</td>
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</table>

**MIxTURE - 6022**

*Perennial.* A mixture of pink, red and white.

<table>
<thead>
<tr>
<th></th>
<th>100 sds</th>
<th>200 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
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<tr>
<td>50 sds</td>
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<td>100 sds</td>
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<tr>
<td>250 sds</td>
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<td>500 sds</td>
<td>$37.35</td>
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<tr>
<td>1,000 sds</td>
<td>$57.40</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>(28D0)</th>
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</table>

**LAURENTIA**

*Isotoma*

<table>
<thead>
<tr>
<th></th>
<th>61°-64°</th>
<th>100-115 days</th>
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<tbody>
<tr>
<td>For best germination, plant in full light and maintain low humidity.</td>
<td></td>
<td></td>
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</tbody>
</table>

**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 sweet evening fragrance making it a good candidate for placing near a door or window. Weeks to flower: 8.

<table>
<thead>
<tr>
<th>Blue - 3545</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
</tr>
<tr>
<td>250 sds</td>
</tr>
<tr>
<td>1,000 sds</td>
</tr>
</tbody>
</table>

| (26D0) |

**TRISTAR SERIES**

8 in. - (F-1 Hybrid). Attractive star-shaped flowers on a cushion of medium green finely cut foliage. Lovingly mound ing habit. Flowers throughout the summer. Extremely charming in window boxes, containers and hanging baskets. PELLETED SEED.

<table>
<thead>
<tr>
<th>Sky Blue - 4902PE</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
</tr>
<tr>
<td>500 sds</td>
</tr>
<tr>
<td>1,000 sds</td>
</tr>
</tbody>
</table>

| (26D0) |

**LAVANDULA**

*Lavandula.* Also see listing of Lavandula under Herbs.

**LAVANDULA**

*LAVENDER*

<table>
<thead>
<tr>
<th>28,000 sds/oz</th>
<th>65°-72°</th>
<th>14-20 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$7.55</td>
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<tr>
<td>250 sds</td>
<td>$22.20</td>
<td></td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$44.40</td>
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</table>

**AVIGNON EARLY BLUE - 6615**

<table>
<thead>
<tr>
<th></th>
<th>10-12 in.</th>
<th>37,000 S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$8.30</td>
<td></td>
</tr>
<tr>
<td>100 sds</td>
<td>$14.20</td>
<td></td>
</tr>
<tr>
<td>250 sds</td>
<td>$26.15</td>
<td></td>
</tr>
<tr>
<td>500 sds</td>
<td>$40.30</td>
<td></td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$69.20</td>
<td></td>
</tr>
</tbody>
</table>

**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 containersto enjoy the lavender fragrance. Zones: 7-10 |
|---|---|---|
| 50 sds | $7.55 | 100 sds | $12.35 |
| 250 sds | $22.20 | 500 sds | $37.35 |
| 1,000 sds | $57.40 | |

| (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 ornamentally significant and turn coppery-bronze in fall. Lends an extremely fine and delicate texture to the landscape composition which should be used to full effect. Relatively 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 | $7.25 | 200 sds | $14.50 |
| 500 sds | $17.75 | 1,000 sds | $35.50 |
| 2,000 sds | $79.80 | |

| (28D0) |

**LAVANDULA (continued)**

**BLUE SPEAR - 6616**

<table>
<thead>
<tr>
<th></th>
<th>11-13</th>
<th>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 earsiness. Weeks to finish: 11-15. Zones: 6-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$8.30</td>
<td></td>
</tr>
<tr>
<td>250 sds</td>
<td>$16.55</td>
<td></td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$40.30</td>
<td></td>
</tr>
</tbody>
</table>

**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: 10-14 (24-36 weeks overwintered.) ENHANCED SEED. Zones: 5-7

<table>
<thead>
<tr>
<th>Pink - 6604EN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple - 6607EN</td>
</tr>
<tr>
<td>Sky - 6608EN</td>
</tr>
<tr>
<td>Snow - 6605EN</td>
</tr>
<tr>
<td>Mixture - 6609EN</td>
</tr>
</tbody>
</table>

| Each of the above: (28E0) 100 sds | $9.30 |
| 200 sds | $16.55 |
| 1,000 sds | $48.85 |

| (28E0) |

**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

| 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) |

**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 |
| 500 sds | $17.75 |
| 1,000 sds | $35.50 |
| 2,000 sds | $89.90 |

| (28E0) |

**LAVENCE DEEP PURPLE - 6023**

*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-branching 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 17 onwards). Can also be scheduled for a traditional overwintering production with potting in Weeks 28-32. 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 |

| (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 - $9.80
- 2,000 sds - $14.10
- 5,000 sds - $25.60
- 10,000 sds - $42.30

- (28D0) (28C0)

MUNSTEAD STRAIN (ENHANCED) - 6028EN
- New for 2020

- 250 sds - $7.25
- 500 sds - $16.95
- 1,000 sds - $27.70
- 2,000 sds - $49.55
- 5,000 sds - $55.55

- (30A0)

ORIGANO - 2674
- 20 in. - 45,000 S. L. multifida. (Fern Leaf Lavender). A true garden novelty! Produces showy purple flowers with its fernlike 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 - $10.70
- 500 sds - $17.10
- 1,000 sds - $27.85
- 2,000 sds - $49.55

- (28A0)

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
- 500 sds - $16.95
- 1,000 sds - $27.85
- 2,000 sds - $49.55

- (28A0)

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 fernlike 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 - $12.20
- 500 sds - $23.70
- 1,000 sds - $38.35
- 2,000 sds - $69.70

- (28C0)

LEAVES

LAVANDULA (continued)

VICENZA BLUE (ENHANCED) - 6040EN
- Perennial. 12-16 in. - 31,000 S. L. angustifolia. Large, deep-blue flower spikes form an abundant crown of flowers over fragrant foliage. Enhanced seed for improved and more uniform germination. Zones: 5-9

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

WHITE SCENT EARLY - 6614
- Perennial. 14 in. - 28,000 S. L. angustifolia. White flowers are gracefully displayed on long sturdy stems perfect for drying or using in crafts. Highly fragrant, with silver-grey leaves and foliage.

- Each of the above - $8.65
- 200 sds - $15.10
- 500 sds - $26.65
- 1,000 sds - $43.60
- 2,000 sds - $79.80

LAVATERA (MALLOW)
4,500 sds/oz 70° 2 weeks
Well-drained soil of average fertility. Mix a light application of a balanced fertilizer into the soil prior to planting. In mid summer, drench plants with a liquid fertilizer to prolong bloom time. Lavatera is an annual hibiscus.

NOVELLA ROSE - 2976
12-14 in. - 5,400 S. L. trimestris. A compact, early flowering plant that produces 3 in. single rose-pink flowers and mid-green foliage. blooms. Extremely versatile as a pot bedding plant or flowering pot plant. Weeks to flower: 14-16.

- 100 sds - $9.30
- 200 sds - $16.55
- 500 sds - $29.65
- 1,000 sds - $48.85
- 2,000 sds - $89.90

- (28D0)

TRIMESTRIS ROSE - 2669

- 100 sds - $9.85
- 200 sds - $17.95
- 500 sds - $32.65
- 1,000 sds - $54.10
- 2,000 sds - $99.95

- (28F0)

LEONOTIS

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.

- 25 sds - $10.40
- 50 sds - $19.60
- 100 sds - $29.65
- 200 sds - $60.10
- 500 sds - $102.40

- (25F0)

LEVISTEYA

Himalayan honeysuckle
65°-68° 10-12 days
Cover lightly with vermiculite.
**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. Low clumps of grassy looking leaves, bearing tall spikes of bright magenta-purple flowers beginning in midsummer. Very useful in the sunny 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

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Seedling</th>
<th>Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
<td>$8.55</td>
<td>500 sds</td>
<td>$14.60</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$21.85</td>
<td>2,000 sds</td>
<td>$36.95</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$74.95</td>
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**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

<table>
<thead>
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</tr>
</thead>
<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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<tr>
<td>5,000 sds</td>
<td>$132.85</td>
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</table>

**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. clorovum. Multitude of daisy-like, bright yellow-orange flowers above large chocolate maroon leaves. Zones: 4-8

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Seedling</th>
<th>Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$9.10</td>
<td>100 sds</td>
<td>$15.95</td>
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<tr>
<td>250 sds</td>
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<tr>
<td>1,000 sds</td>
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**LINARIA**

**LINARA (continued)**

**FAHY BOUQUET - 2665**


<table>
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<td>$21.65</td>
</tr>
<tr>
<td>25,000 sds</td>
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</table>

**LICILIA AZURE - 2660**

18 in. - 333,000 S. L. maroccana. 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Seedling</th>
<th>Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 sds</td>
<td>$7.25</td>
<td>500 sds</td>
<td>$11.75</td>
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<tr>
<td>1,000 sds</td>
<td>$16.95</td>
<td>2,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$55.55</td>
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</tr>
</tbody>
</table>

**SPRING MIXTURE (PELLETED) - 1204PE**

6-8 in. - (Formerly Fantasy Mixture). A mixture of blooms in blue, magenta, pink, rose, white and yellows.

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Seedling</th>
<th>Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
<td>$9.85</td>
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<td>500 sds</td>
<td>$32.65</td>
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</tr>
<tr>
<td>2,000 sds</td>
<td>$99.95</td>
<td></td>
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</tr>
</tbody>
</table>

**LINUM**

**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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Seedling</th>
<th>Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sds</td>
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<td>500 sds</td>
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<td>1,000 sds</td>
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</tr>
<tr>
<td>2,000 sds</td>
<td>$79.80</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Description</th>
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<th>Container</th>
</tr>
</thead>
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<td>$25.60</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$42.30</td>
<td></td>
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</tr>
</tbody>
</table>

**SAPPHIRE (SAPHYR) - 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

<table>
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</thead>
<tbody>
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<td>$27.70</td>
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<tr>
<td>5,000 sds</td>
<td>$55.55</td>
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</tr>
</tbody>
</table>

**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. PELLETED SEED.

**Blue - 6017PE**

Champagne - 6000PE

Lavender - 6558PE

Pink - 6018PE

Pink Picotee - 6533PE

Improved for 2020!

Pure White - 6016PE

Yellow - 6534PE

**Mixture - 6020PE**

Each of the above: (26C0) 50 sds - $8.65

200 sds - $15.10

1,000 sds - $43.60

2,000 sds - $79.80

**ROSAANNE 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. PELLETED SEED.

**1 Black Pearl - 6049PE**

Group 1. Darkest purple.

**1 Green - 6021PE**

Group 1. Deepest and most vibrant green.

**2 Deep Brown - 6050PE**

Group 2. Trendy lavendar brown.

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).

**ROSITA 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. PELLETED SEED.

**2 Blue Flash - 5993PE**

**2 Green - 5999PE**

**2 Pink Flash - 6001PE**

**2 Sapphire - 5997PE**

Each of the above: (26D0) 50 sds - $9.10

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).

**NEW ITEM THIS YEAR**

**CUT FLOWER**

**1ST YEAR FLOWERING PERENNIAL**
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 - $16.20  25,000 sds - $30.50
50,000 sds - $61.05

PALACE SERIES-MULTI-SEED
5 in. - Very early flowering with nice compact habit. All varieties have the attractive bronze-green foliage. MULTI-SEED PELLETS.

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

Mixtures - Discontinued. As a substitute, we suggest Rivieria 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

Mixtures - 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
70,000 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 cutflower. 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 bright rich 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 (31C0)

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

Mixtures - 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 Starship Scarlet Bronze (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 (28B0)

STARSHIP 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-rose color. Approximately 1 week later to flower than Scarlet.

Scarlet - 6085PE
Scarlet-red.

Scarlet/Bronze Leaf - 6096PE
Each of the above: (26A0)  50 sds - $9.80
100 sds - $17.75  250 sds - $34.25
500 sds - $53.45  1,000 sds - $92.80

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 (31A0)

Vulcan Red - Crop failure. As a substitute, we suggest Starship Scarlet Bronze (pelleted). Zones: 6-10

LOBELIA, TRAILING
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.

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

Mixtures - 4536
Each of the above: (34A0)  5,000 sds - $8.10
10,000 sds - $16.20  25,000 sds - $30.50
50,000 sds - $61.05

REGATTA SERIES-MULTI-SEED
6-8 in. - 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. MULTI-SEED PELLET.

Midnight Blue - 4733MP
Dark blue flowers, bronze foliage.

Sapphire - 4738MP
Each of the above: (29C0)  250 sds - $9.70
500 sds - $15.35  1,000 sds - $26.60
2,000 sds - $45.35  5,000 sds - $94.25

NEW ITEM THIS YEAR | CUT FLOWER | 1ST YEAR FLOWERING PERENNIAL 51
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>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
<th>5,000 sds</th>
<th>10,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$8.30</td>
<td>$13.55</td>
<td>$20.95</td>
<td>$41.10</td>
<td>$70.15</td>
</tr>
</tbody>
</table>

LUPINUS

Hardy Lupine 1,000 sds/oz  2-3 weeks

For the best germination, freeze seed for 5-7 days before sowing. After sowing seed, cover lightly. For best results, alternate soil temperature of 80° 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 June-August. Will attract butterflies and hummingbirds all season and will repel deer from the garden.

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>
<thead>
<tr>
<th>250 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
<th>5,000 sds</th>
<th>10,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$9.70</td>
<td>$17.45</td>
<td>$26.60</td>
<td>$45.35</td>
<td>$94.25</td>
</tr>
</tbody>
</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

Blue Shades - 6100EN  Blue bicolor.
Pink Shades - 6101EN  Pink bicolor.
Red Shades - 6102  Red bicolor.
White Shades - 6103EN

Yellow Shades - 6104EN  Yellow bicolor.

Mixture - 6105  Each of the above: (26C0) 50 sds - $9.10

<table>
<thead>
<tr>
<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>
<td>$15.95</td>
<td>$30.20</td>
<td>$46.90</td>
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</tr>
</tbody>
</table>

HARTWEGI GIANT KING MIX - 2668

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.

<table>
<thead>
<tr>
<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
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<tbody>
<tr>
<td>$7.65</td>
<td>$11.70</td>
<td>$17.55</td>
<td>$33.40</td>
<td>$56.25</td>
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</tbody>
</table>

LUPINUS (continued)

PERENNIS - 6071

New for 2020 Perennial. 24 in. - 1,500 S. L. polyphyllus. The tall spires are an unforgettable sight in the early summer border. Produce solid and bicolorized flowers in nearly every shade of the rainbow, some never before seen. Flower colors include blue, cream, orange, pink, purple, red, and yellow. Zones: 4-9

<table>
<thead>
<tr>
<th>50 sds</th>
<th>100 sds</th>
<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>
<td>$8.30</td>
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<td>$21.85</td>
<td>$35.65</td>
<td>$47.95</td>
<td>$74.95</td>
<td>$118.00</td>
<td>$236.00</td>
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</table>

RUSSELL SERIES-ENHANCED

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. Enhanced seed for better and more uniform germination. The seeds are disinfected and treated with a fungicide initially and then coated to minimize the risk of anthracnose. The treatment is effective but is not a 100% guarantee against infection. It is still important that growers maintain a fungicide treatment programed to ensure success. ENHANCED SEED. Zones: 3-6

Blue Shades (the Governor) - 6063EN
Pink Shades (chatelaine) - 6062EN
Red Shades (My Castle) - 6064EN
Yellow Shades (chandelier) - 6065EN

Mixture - 6066EN  Each of the above: (28D0) 100 sds - $8.65

<table>
<thead>
<tr>
<th>200 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$15.10</td>
<td>$26.65</td>
<td>$43.60</td>
</tr>
</tbody>
</table>

White Shades - Crop failure. As a substitute, we suggest Russell White Shades (Noble Maiden) (raw).

RUSSELL SERIES-RAW SEED

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

Blue Shades (the Governor) - 6063
Pink Shades (chatelaine) - 6062
Red Shades (my Castle) - 6064
White Shades (noble Maiden) - 6068

Mixture - 6066  Each of the above: (30C0) 50 sds - $8.30

<table>
<thead>
<tr>
<th>1,000 sds</th>
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<tbody>
<tr>
<td>$13.55</td>
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<td>$70.15</td>
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</table>

SUNRISE - 4092


<table>
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<th>100 sds</th>
<th>250 sds</th>
<th>500 sds</th>
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<td>$9.10</td>
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</table>

TEXENSIS - 2667

6-18 in. - 800 S. L. texensis. (Texas Blue Bonnet or Texas Wildflower). Beautiful blue and white flowers will bloom all season.

<table>
<thead>
<tr>
<th>250 sds</th>
<th>500 sds</th>
<th>1,000 sds</th>
<th>2,000 sds</th>
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<tr>
<td>$8.55</td>
<td>$14.60</td>
<td>$21.85</td>
<td>$36.55</td>
<td>$74.95</td>
</tr>
</tbody>
</table>

TUTTI FRUITTI - 6054

Perennial. 34-48 in. - 1,100 S. L. polyphyllus. The tall spires are an unforgettable sight in the early summer border. Produce solid and bicolorized flowers in nearly every shade of the rainbow, some never before seen. Flower colors include blue, cream, orange, pink, purple, red, and yellow. Zones: 4-9

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.

CHALCEDONICA SCARLET - 6072

Perennial. 36 in. - 56,000 S. L. chalcedonica. Dense heads of bright scarlet, cross-shaped flowers. Will flower the first year from seed. Zones: 3-9

<table>
<thead>
<tr>
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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

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<thead>
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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>
<tr>
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<th>10,000 sds</th>
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<tbody>
<tr>
<td>$7.95</td>
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<td>$18.45</td>
<td>$30.10</td>
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</table>

MALVA

12,000 sds/oz  70°  30 days

Will attract butterflies all season.

MAURITIANA - 6215

Perennial. 48 in. - 2,500 S. M. sylvestris. Large, glossy ruffled orchid-purple flowers with dark purple veins.
MALVA (continued)

MOSCHATA PINK - 6078
Perennial. 24-30 in. - 12,500-15,000 S. Ideal in the perennial bed or as a cut flower. Drought tolerant.
Each of the above: (2940) 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 (30C0)

MARIGOLD, AFRICAN (continued)

COCO SERIES  New for 2020
36-42 in. - Large, golden flower heads, avg. 2.1/2-3 in. Produce 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 deserts or cooked in egg or rice dishes. Flavor is flavorful with hints of citrus and spice, and slightly bitter. Weeks to flower: 10-13.
Deep Orange - 2866  New for 2020
Gold - 2867
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

KEES 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. Perfect for packing.
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)

LADY SERIES
First Lady - Crop failure. As a substitute, we suggest Marvel Yellow (detailed).
Orange - Crop failure. As a substitute, we suggest Inca II Primrose (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: (28E0) 100 sds - $9.30
200 sds - $16.55 500 sds - $29.65
1,000 sds - $48.85 2,000 sds - $89.90

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: (28D0) 50 sds - $8.30
100 sds - $14.20 250 sds - $26.15
500 sds - $40.30 1,000 sds - $69.20

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) - 3009PE
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 (29B0)

MARIGOLD, DWARF
continued on next page
**MARIGOLD, DWARF (continued)**

**BONANZA 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: (28A0) 250 sds - $7.25

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**

**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** - 2963DE Early flowering, deep orange flowers.

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**

**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: (28A0) 250 sds - $7.25

- **500 sds - $11.75**
- **1,000 sds - $16.95**
- **2,000 sds - $27.70**
- **5,000 sds - $55.55**

**HERO SERIES**

Crop failure. As a substitute, we suggest Super Hero series.

**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

**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 Hot Pak Flame (detailed).
- **Flame** - Crop failure. As a substitute, we suggest Maroon collar with gold center.
- **Flame** - 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**

**FLAMENCO (DETAILED) - 3026DE**

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**
- **5,000 sds - $55.55**

**FIREBALL (DETAILED) - 3027DE**

10-12 in. - 10,000 S. Extra dwarf French crested type. Never seen before multicolored, 2 1/2 in. blooms of new red flowers and the older bronze-gold colored flowers on the same plant. Flowers age and change more slowly for maximum contrast. In warmer conditions, color changes faster while in cooler temperatures. Weeks to flower: 6-7.

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**

**Flamingo** - Mahogany edget pale gold.

**Fireball (detailed)** - 3027DE

**Marigold Hot Pak Mix**

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

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**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 - 2919DE**

**Yellow Bee - 2938DE**
Unique-Yellow with red markings at each petals base.

**Mixture - 2920DE**
A bold blend of the above varieties.

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**MARIGOLD, DWARF (continued)**

**LEMON DROP - 3011**
8 in. - 12,000 S. Fully double, medium-sized canary yellow flowers on dwarf, compact plants.

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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.

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**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 - 2919DE**
- **Yellow Bee - 2938DE**
  - Unique-Yellow with red markings at each petals base.
- **Mixture - 2920DE**
  - A bold blend of the above varieties.

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**MARIGOLD, DWARF**

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MARGOLD, DWARF (continued)

SOPHIA QUEEN - 2999
8-10 in. - 9,000 S. (All America Winner - 1979). Large 2 1/2 to 3 in. redish-gold flowers completely cover the very uniform, compact growing plants. Very free-flowering and will bloom until frost.

- 500 sds - $7.25
- 1,000 sds - $14.50
- 2,000 sds - $29.00
- 10,000 sds - $42.30

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 packaging) and 7-9 (quarts, multi-plants in larger pots).

- 100 sds - $7.25
- 200 sds - $14.50
- 500 sds - $27.85
- 2,000 sds - $49.55

MARRGOLD, INBRED

CARNAVATION FLOWEERED CRACKERJACK MIXTURE - 3021
36 in. - 8,000 S. Fully double 4-5 in. blooms in shades of orange, gold and yellow. Fine variety, excellent for summer cutting.

- 1,000 sds - $7.25
- 2,000 sds - $14.50
- 5,000 sds - $19.90
- 10,000 sds - $21.65

- 250 sds - $42.90

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.

- 250 sds - $9.70
- 500 sds - $17.45
- 1,000 sds - $26.60
- 2,000 sds - $45.35
- 5,000 sds - $94.25

MELEAMPodium

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.

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

- Each of the above: (28BD) 100 sds - $9.30
- 200 sds - $16.55
- 500 sds - $29.65
- 1,000 sds - $48.85

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.

LEONM DELIGHT - 3067
8-10 in. - 6,000 S. Profuse blooming, 1 in. light yellow, daisy-like flowers. Plants thrive in hot, humid locations.

- Each of the above: (280D) 50 sds - $8.30
- 100 sds - $14.20
- 250 sds - $26.15
- 500 sds - $40.30

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.

- 1,000 sds - $7.25
- 5,000 sds - $13.90
- 10,000 sds - $21.65
- 25,000 sds - $42.90

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.

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

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
30 in. - 770,000 S. (F-1 Hybrid). Very early with compact, uniform growth habit. Ideal for containers or hanging baskets. PELLETED 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.

MINA

Firecracker Vine
1,500-10,000 sds/oz/ sds/oz 64° 12 weeks
Sow under cover in March-May. Plant out after last frost. Do not overfeed 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 and 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.

- 100 sds - $8.65
- 500 sds - $26.65
- 2,000 sds - $79.80

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.

- 100 sds - $7.25
- 500 sds - $17.70
- 2,000 sds - $49.55
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.

CITRIOCORA (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 (180)

LAMBADA - 6502
Perennial. 36 in. - 48,000 S. Will flower from April until frost in whirls of pink or white flowers. Large, attractive leaves. Good in hanging baskets. Blooms June-September. Cut flower, dried, or as a 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 (1100)

PANORAMA MIXTURE - 6503
Perennial. 30 in. - 61,500-66,000 S. M. didyma. A durable, hardy perennial that is an outstanding garden performer and well suited to a gothic or moon garden. The attractive foliage of the crimson stems is a lustrous emerald green and it is shaped like parrot-tulip. Twining vines grow and flaunt loads of sensational flowers throughout the summer until frost. Give it a fence, railings or an arbor to climb or plant in containers where it can spill over the edge for a thrilling effect. It will bring full blown beauty and resilience to any garden party.
25 sds - $9.00  50 sds - $17.45
1,000 sds - $17.20  2,000 sds - $34.55
5,000 sds - $94.25 (290)

MORNING GLORY
1,000 sds/oz. sds/oz  65°-85°  5-14 days
Nick or file the seed coat prior to soaking seeds in warm water for 24 hours prior to sowing. Cover with plastic to retain moisture until germination occurs.

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 (280)

MORNING GLORY (continued)

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 (280)

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.

MOONFLOWER (continued)

PEARY GATES - 3094
Climber. 72-96 in. - 800-850 S. (All America Winner - 1942). Ipomoea tricolor. Large, satiny white flowers.
100 sds - $7.25  200 sds - $10.70
500 sds - $17.70  1,000 sds - $27.85
2,000 sds - $49.55 (280)

SCARLET O’ HARA - 3095
100 sds - $7.25  200 sds - $10.70
500 sds - $17.70  1,000 sds - $27.85
2,000 sds - $49.55 (28A0)

SPLIT SECOND - 3089
Climber. It will only take less than a split second to be swept off your feet by these absolutely ravishing blooms, seemingly a tissue paper cluster of a flower. Unique, full, ruffled blossoms in a wash of shades from powder puff to lipstick pink. The margins of these individual petals are notched and frilled; the overall effect is that of a peony or parrot-tulip. Twining vines grow and flaunt loads of sensational flowers throughout the summer until frost. Give it a fence, railings or an arbor to climb or plant in containers where it can spill over the edge for a thrilling effect. It will bring full blown beauty and resilience to any garden party.
25 sds - $7.55  50 sds - $12.35
100 sds - $17.70  250 sds - $33.75
500 sds - $56.20 (25A0)

Order Pixie Picture Tags by phone at 800.380.4721 or online at germaniaseed.com | Flowers
**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.

<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>$10.40</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$18.45</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$30.10</td>
</tr>
<tr>
<td>25,000 sds</td>
<td>$61.85</td>
</tr>
</tbody>
</table>

**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

Rosesylva - 6097

Snowsylva - 6432

Snow white.

Mixtape - 6431

Each of the above: (29A0) 1 oz. - $7.25

500 sds - $11.75  1,000 sds - $16.95

2,000 sds - $27.70  5,000 sds - $55.55

**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. Spring blooming bulbs. Works great in sunny borders, containers or cut-flower gardens.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
<td>$7.25</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$11.75</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$16.95</td>
</tr>
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<td>5,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$55.55</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
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</tr>
<tr>
<td>1,000 sds</td>
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</tr>
<tr>
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<td>$16.95</td>
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<tr>
<td>5,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$55.55</td>
</tr>
</tbody>
</table>

**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. - $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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 oz.</td>
<td>$7.25</td>
</tr>
<tr>
<td>1 oz.</td>
<td>$13.90</td>
</tr>
<tr>
<td>2 oz.</td>
<td>$20.90</td>
</tr>
<tr>
<td>4 oz.</td>
<td>$34.35</td>
</tr>
<tr>
<td>8 oz.</td>
<td>$45.85</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 oz.</td>
<td>$7.25</td>
</tr>
<tr>
<td>1 oz.</td>
<td>$13.90</td>
</tr>
<tr>
<td>2 oz.</td>
<td>$20.90</td>
</tr>
<tr>
<td>4 oz.</td>
<td>$34.35</td>
</tr>
<tr>
<td>8 oz.</td>
<td>$45.85</td>
</tr>
</tbody>
</table>

**TRAILING MIXTURE - 3170**

200 S. Exceptional trailing habit that will climb 7-8 ft. if attached to supports. All colors with green foliage.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 oz.</td>
<td>$7.25</td>
</tr>
<tr>
<td>2 oz.</td>
<td>$11.10</td>
</tr>
<tr>
<td>4 oz.</td>
<td>$17.95</td>
</tr>
<tr>
<td>8 oz.</td>
<td>$34.35</td>
</tr>
<tr>
<td>1 LB.</td>
<td>$62.50</td>
</tr>
</tbody>
</table>

**PURPLE EMPEROR - 3222**


<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 oz.</td>
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</tr>
<tr>
<td>1 oz.</td>
<td>$13.85</td>
</tr>
<tr>
<td>2 oz.</td>
<td>$23.75</td>
</tr>
<tr>
<td>4 oz.</td>
<td>$38.55</td>
</tr>
</tbody>
</table>

**WHIRLYBIRD SERIES**

10 in. - 250 S. Single upward-faced flowers without spurs, flowers well above foliage on compact, non-trailing plants. A very good bedding plant, ideal for pots, tubs, and bedding. Attractive flowers that are edible.

Golden Yellow - 3203

Scarlet - 3200  Mixtape - 3198

Each of the above: (10C0) 1/4 oz. - $8.55

1/2 oz. - $13.20  1 oz. - $18.70

2 oz. - $33.40  4 oz. - $55.45

**JEWEL MIXTURE - 3223**

12 in. - 200 S. Compact, non-trailing plants flowering well above the foliage. Flowers are large, upward facing, double and semi-double.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 oz.</td>
<td>$7.25</td>
</tr>
<tr>
<td>2 oz.</td>
<td>$11.10</td>
</tr>
<tr>
<td>4 oz.</td>
<td>$17.95</td>
</tr>
<tr>
<td>8 oz.</td>
<td>$34.35</td>
</tr>
<tr>
<td>1 LB.</td>
<td>$62.50</td>
</tr>
</tbody>
</table>

**NEMESIA**

90,000 sds/oz  60°  7 days

After sowing on sterilized media, mist seed on the soil surface, cover seed lightly with soil mix and mist again lightly. Maintain 60° soil temperature, any temperature above this will hurt germination. Darkness will help germination.

**DWARF CARNIVAL MIXTURE - 3231**

9 in. - 154,000 S. Large flowers in a brilliant color range on base-branching compact plants. Fine for spring combination use.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
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<tr>
<td>1,000 sds</td>
<td>$9.80</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>$23.75</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$45.85</td>
</tr>
</tbody>
</table>
NEMESIA (continued)

POETRY SERIES
Discontinued. As a substitute, we suggest Seventh Heaven Mixture (pelleted).

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 - $33.75
- 1,000 sds - $57.40

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.

- 50 sds - $7.75
- 100 sds - $12.35
- 250 sds - $22.20
- 500 sds - $33.75
- 1,000 sds - $57.40

NICOTIANA (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. 5,000 sds - $8.10 10,000 sds - $11.65 25,000 sds - $21.45 50,000 sds - $38.55

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

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

NICOTIANA

Flowering Tobacco

250,000 sds/oz 70° 14 days

After sowing seeds on sterilized media, do not cover seed with soil. Maintain 70° soil temperature with even surface moisture. Needs darkness to germinate.

DAYLIGHT SENSATION MIXTURE - 3259

36 in. - 250,000 S. An old-fashioned, open-pollinated species that bears abundant branching sprays in carmine, crimson, pink, red and white. Sweetly perfumed blooms remain open all day. 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

FRAGRANT CLOUD - 3236

36 in. - 208,000 S. Large, beautiful white flowers on strong upright plants. Very popular for its strong evening fragrance. 500 sds - $8.30 1,000 sds - $13.55 2,000 sds - $20.95 5,000 sds - $41.10 10,000 sds - $70.15

LIMON TREE - 6300

Perennial. 36 in. - 200,000 S. N. langsdorffii. Attractive green, bell-shaped waxy flowers with conspicuous blue pollen and shiny green foliage. 1,000 sds - $7.95 2,000 sds - $12.40 5,000 sds - $22.95 10,000 sds - $38.45 25,000 sds - $61.85

SUNFLOWER 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 - 4445PE

A formula mixture of all colors.

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

NICOTIANA continued on next page
NIGETT (continued)

MISS JEKYLL SERIES

24 in. - 11,000 S. Old-fashioned favorite. Pastel-colored 1-2 inch blooms float above green, fern-like foliage. Unique, balloon-shaped pods follow. For fresh or dried use.

<table>
<thead>
<tr>
<th>24 in.</th>
<th>$</th>
<th>2-3 weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,000 sds</td>
<td>$11.75</td>
<td>70º</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$22.50</td>
<td>70º</td>
</tr>
</tbody>
</table>

TINTERBELL - 3240

36 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.

<table>
<thead>
<tr>
<th>250 sds</th>
<th>$8.55</th>
<th>500 sds</th>
<th>$14.60</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000 sds</td>
<td>$21.85</td>
<td>2,000 sds</td>
<td>$36.55</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$74.95</td>
<td>(30A0)</td>
<td></td>
</tr>
</tbody>
</table>

BABY BELLA (PELLEDE)

Sorry, no longer available.

NIEREMBERGIA

150,000 sds/oz 75-80º 10-15 days

After sowing on sterilized media, cover sees lightly with soil. Maintain 75-80º soil temperature for the best results. A tender Perennial in some areas.

<table>
<thead>
<tr>
<th>50 sds</th>
<th>$19.60</th>
<th>100 sds</th>
<th>$29.65</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
<td>$22.40</td>
<td>1,000 sds</td>
<td>$34.55</td>
</tr>
<tr>
<td>2,500 sds</td>
<td>$50.10</td>
<td>5,000 sds</td>
<td>$102.40</td>
</tr>
</tbody>
</table>

NIGELLA (continued)

OENOTHERA

Evening Primrose

70º days-60º nights 2 weeks

After sowing seed, cover lightly with vermiculite. Light will help germination. Preciul seed in refrigerator for 8-10 days before sowing. Blooms June-September. Will attract hummingbirds and songbirds all season.

<table>
<thead>
<tr>
<th>500 sds</th>
<th>$7.25</th>
<th>1,000 sds</th>
<th>$9.80</th>
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</thead>
<tbody>
<tr>
<td>2,000 sds</td>
<td>$14.10</td>
<td>5,000 sds</td>
<td>$25.60</td>
</tr>
<tr>
<td>10,000 sds</td>
<td>$42.30</td>
<td>(30A0)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>500 sds</th>
<th>$7.25</th>
<th>1,000 sds</th>
<th>$11.50</th>
</tr>
</thead>
<tbody>
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<td>2,000 sds</td>
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<tr>
<td>10,000 sds</td>
<td>$83.90</td>
<td>(30D0)</td>
<td></td>
</tr>
</tbody>
</table>

OKEA, Ornamental. Also see listing under Vegetables.

OKRA, ORNAMENTAL

400 sds/oz 65-70º 7-10 days

BURGUNDY - 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.

<table>
<thead>
<tr>
<th>250 sds</th>
<th>$7.25</th>
<th>500 sds</th>
<th>$11.75</th>
</tr>
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<tbody>
<tr>
<td>1,000 sds</td>
<td>$16.95</td>
<td>2,000 sds</td>
<td>$27.70</td>
</tr>
<tr>
<td>5,000 sds</td>
<td>$35.55</td>
<td>(25A0)</td>
<td></td>
</tr>
</tbody>
</table>

CRAMER’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.

<table>
<thead>
<tr>
<th>100 sds</th>
<th>$9.85</th>
<th>200 sds</th>
<th>$17.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 sds</td>
<td>$32.65</td>
<td>1,000 sds</td>
<td>$54.10</td>
</tr>
<tr>
<td>2,000 sds</td>
<td>$99.95</td>
<td>(28F0)</td>
<td></td>
</tr>
</tbody>
</table>

ORNAMENTAL PEPPER

Capsicum annuum

8,000 sds/oz 70º 2-3 weeks

Maintain an even 70º soil temperature. After sowing, do not cover seeds; keep surface of media moist. Once established, grow plants at 50º; do not let plants become pot-bound. An occasional pinch is suggested, but never after July 4th.

<table>
<thead>
<tr>
<th>10 sds</th>
<th>$1.75</th>
<th>25 sds</th>
<th>$3.45</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 sds</td>
<td>$22.40</td>
<td>100 sds</td>
<td>$43.55</td>
</tr>
<tr>
<td>250 sds</td>
<td>$75.55</td>
<td>(2480)</td>
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</table>

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.

<table>
<thead>
<tr>
<th>10 sds</th>
<th>$7.65</th>
<th>25 sds</th>
<th>$13.75</th>
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<td>50 sds</td>
<td>$22.40</td>
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<td>$43.55</td>
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<tr>
<td>250 sds</td>
<td>$75.55</td>
<td>(2480)</td>
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BLACK PEARL - 1978

14-18 in. - 6,000 S. (All America Winner - 2006). Capsicum annuum. Black-leaved bushy plants with shiny black fruit. Fruit is roundish, with a slightly pointed shape, matures to a dark red and are edible but VERY HOT to the taste. Foliage is greenish when young and becomes glossy black with maturity. Weeks to fruit: 20-24.

<table>
<thead>
<tr>
<th>10 sds</th>
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<td>(2480)</td>
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</tbody>
</table>

CALIBO - 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.

<table>
<thead>
<tr>
<th>10 sds</th>
<th>$10.40</th>
<th>50 sds</th>
<th>$29.65</th>
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<td>250 sds</td>
<td>$60.10</td>
<td>500 sds</td>
<td>$102.40</td>
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<th>25 sds</th>
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</tr>
<tr>
<td>250 sds</td>
<td>$75.55</td>
<td>(2480)</td>
<td></td>
</tr>
</tbody>
</table>
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 younger 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.

ORNAMENTAL PEPPER (continued)

LOCO - 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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>250 sds</td>
<td>$53.45</td>
</tr>
<tr>
<td>500 sds</td>
<td>$90.85</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Quantity</th>
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<tr>
<td>250 sds</td>
<td>$60.10</td>
</tr>
<tr>
<td>500 sds</td>
<td>$102.40</td>
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</table>

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: 7-13 for Autumn.

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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>25 sds</td>
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</tr>
<tr>
<td>100 sds</td>
<td>$23.70</td>
</tr>
<tr>
<td>250 sds</td>
<td>$46.90</td>
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</table>

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
**ORLAYA**
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**  
륀 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.

<table>
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<tbody>
<tr>
<td>100 sds</td>
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<tr>
<td>200 sds</td>
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<td>500 sds</td>
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<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>

**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 as a lawn replacement. Leaves are non-toxic but do not have a palatable flavor. MULTI-SEED PELLET contains 8-12 seeds per pellet.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Each of the above: (26B0) 50 sds</td>
<td>$8.30</td>
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<tr>
<td>100 sds</td>
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<td>$26.15</td>
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<td>500 sds</td>
<td>$40.30</td>
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<td>1,000 sds</td>
<td>$69.20</td>
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**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 delicious fragrance to attract pollinators. Dense, mounded, slightly trailing plant has a tight and fuller habit than standard vegetative varieties. The perfect patio plant. Heat and drought tolerant. Weeks to finish: 9-11.

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**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) thyme adding contrast.

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<tr>
<td>250 sds</td>
<td>$22.20</td>
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<tr>
<td>500 sds</td>
<td>$33.75</td>
</tr>
<tr>
<td>1,000 sds</td>
<td>$57.40</td>
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</tbody>
</table>

**OSTEOSPERMUM**
2,000 sds/oz  70°  10 days  

**AKILA SERIES**  
16-20 in. - 1,800-3,400 S. Full, branched plants with beautiful blooms from seed are drought tolerant once established. Best seed-raised Osteo for both habit and seed quality. Excellent performance in the landscape. Branches without pinching. 90% germination standard. All colors flower within a 7-10 day window. Weeks to flower: 14-16.

**Daisy White - 3310**  
(All America Winner - 2014). Unique clear white with yellow center.

**Lavender Shades - 3316**  
White - 3317
Purple - 3318
White with dark purple center.

**White Purple Eye - 3235**  
Grand Canyon Mixture - 3323
First multicolors segregating mixture includes popular colors like magics, rose-reds and yellow, as well as creams, lavender, purple and whites.

**Mixture - 3319**  
A formulated blend in shades of cream, lavender, purple, rose-red, white and yellow.

| Each of the above: (24F0) 10 sds | $8.95   |
| 25 sds            | $17.55  |
| 50 sds            | $29.35  |
| 100 sds           | $45.90  |
| 250 sds           | $101.80 |

**PASSION MIXTURE - 3197**  
15 in. - 3,000 S. (All America Winner - 1999). Beautiful mixture of daisy-like 2 in. flowers with azure blue centers. Compact, bushy plants do not require pinching. Will bloom all season in full sun, very drought tolerant. Can be used as a tender perennial in many areas.

| Each of the above: (24F0) 10 sds | $9.45   |
| 25 sds            | $18.90  |
| 50 sds            | $37.80  |
| 100 sds           | $65.50  |
| 250 sds           | $114.90 |

**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.

| Each of the above: (26A0) 100 sds | $10.40   |
| 250 sds            | $20.80  |
| 500 sds            | $34.00  |
| 1,000 sds          | $57.10  |

**POPPY**  
Improved for 2018!  
Chill seed at 40°-45° for 1-2 weeks prior to sowing. After sowing on sterilized media, cover seeds lightly with soil. Do not keep too wet. Maintain 70° soil temperature and keep surface moist. Darkness will help germination.

**CATS SERIES**  
6-8 in. - (F-1 Hybrid). Distinctive flower patterns with whiskers. Improved habit, earliness and flower stem. Highly vigorous and develops well-branched, multi-shoted and hence free-flowering plants. Edible flowers that adds an alluring new tier to any course from salads to desert, also a stunning addition in cocktails. Weeks to flower: Spring: 25-26 Fall: 10-12.

**White - 3352**  
Orange - 3350  
Red & Gold - 3351
Yellow - 3353  
Mixture - 3354
Each of the above: (26H0) 10 sds - $9.85
200 sds - $17.95
500 sds - $32.65
1,000 sds - $54.10
2,000 sds - $99.95

**COOL WAVE SERIES**  
6-8 in. - 28,000-37,000 S. TRAILING. (F-1 Hybrid). Originally introduced as the PLENTIFALL SERIES, this series has been upgraded and renamed. Vigorous trailing variety. Extremely well branched. Incredible unique, novelty baskets (trailing up to 30 in.) make eye-catching display. Holds up in the rain and weather better than larger flowered types. The earliest pansy to come back in the spring. No special culture needed. ENHANCED SEED for improved and more uniform germination. Weeks to flower: 9-10 in Spring (4in. pots) and 14-15 in Spring (12 in. baskets). Zones: 5

**Blue Skies - 3306EN** Mid-blue.
Blueberry Swirl - 3504EN
23,000 S. Unique color. Shades of primrose with whiskers and varying blue-purple edge.
Fire - 3510EN
Rich dark red with a yellow face.
Frost - 3303EN White that matures with a light blue frost near edge.
Golden Yellow - 3500EN
Lemon - 3511EN Improved for 2018! Clear, buttery lemon blooms show some genetic dark and light shading.
Lemon Surprise - 3311EN
Dark to light shading with a purple cap.
Morpho - 3320EN
Upper petals are mid-blue with bright yellow lower petals and whiskers radiating from the center.
Purple - 3501EN
Each of the above: (26A0) 50 sds - $10.90
100 sds - $20.55
250 sds - $43.25
500 sds - $108.15

**PANSY COOL WAVE SERIES**
(continued on next page)
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.

Raspberry Swirl - 3506EN
Strawberry Swirl - 3300EN
Sunshine N Wine - 3505EN
Improved for 2020! (Red Wing).

Violet Wing - 3305EN Blue lower petals with whiskers and darker purple cap.

White - 3307EN
White with light whiskers.

Berry N Cream Mixture - 3502EN

Mixture - 3309EN
A formula mixture of Frost, Lemon, Violet Wing, White and Yellow.

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: (25G0) 25 sds - $10.90
50 sds - $20.55 100 sds - $31.15
250 sds - $63.25 500 sds - $108.15

PANSY DELTA SERIES (continued)
Tapestry Premium - 4598
Blend of rose, pink, apricot, primrose, and cream shades with dark faces.

True Blue Premium - 4626

Violet & 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

FIZZY SERIES
Crop failure. As a substitute, we suggest Frizzle Sizzle Series.

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

Lemonberry - 4951 Lemon-yellow fringed with lilac-purple edges and a deep burgundy blotch.

Yellow - 4953 Bright yellow with deep brown blotch.

Yellow Blue Swirl - 4954 Light blue and yellow with a deep burgundy blotch.

White with Blotch Premium - Discontinued. As a substitute, we suggest Matrix White Blotch.

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.

- Each of the above: (28D0) 100 sds - $8.65
- Each of the above: (26B0) 50 sds - $8.30

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
  20,000 S. (All America Winner - 1990). Free-flowing, beautiful 2 1/2 in. purple flowers with an orange face. Compact mounded plants that have great heat tolerance and beautiful small leaves.

- MAJESTIC GIANT II SERIES
  6-8 in. - 19,000 S. (F-1 Hybrid). Large 4-4 1/2 in. flowers. Early flowering, even under short days. All varieties have a contrasting dark blotch. Performax quality seed, high germination and improved uniformity.

- Blue And White - 3158
- Deep Blue With Blotch - 3179
- Fire - 3127
- Marina Shades - 3159
- Purple With Blotch - 3149
- Red With Blotch - 3150
- Sherry - 3141
- White With Blotch - 3156
- Yellow With Blotch - 3157
- Mixture - 3140

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 cover 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
- Deep Blue Blotch - 4910
- Denim - 4934
- Lavender Shades - 4933
- Lemon - 4931
- Midnight Glow - 4935
- Ocean - 4911
- Orange - 4917
- Primrose - 4918
- Purple - 4919
- Red Blotch - 4912
- Rose - 4920
- Rose Blotch - 4914
- Rose Wing - 4907
- Solar Flare - 4394
- Sunrise - 4908
- True Blue - 4932
- White - 4921
- White Blotch - 4915
- Yellow - 4922
- Yellow Blotch - 4916
- Yellow Purple Wing - 4936
- Blotch Mixture - 4924
- Citrus Mixture - 4925
- Mixture - 4927
- RED WING

PANSY (continued)

NATURE MULBERRY SHADES - 3499

6-9 in. - 23,000 S. (F-1 Hybrid). Early and compact. Very vigorous and very floriferous.

- 1,000 sds - $8.85
- 200 sds - $17.95
- 500 sds - $32.65
- 1,000 sds - $54.10
- 2,000 sds - $99.95

PADPARADJA - 3104

6-8 in. - 39,000 S. (F-2 Hybrid), (All America Winner - 1991). Orange Sapphire. Named after a rare and valuable orange sapphire. Panols 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

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.

- 500 sds - $7.65
- 2,000 sds - $17.55
- 10,000 sds - $56.25

ULTIMA MORMO - 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.

- 50 sds - $9.10
- 250 sds - $15.95
- 1,000 sds - $46.90

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.

- 50 sds - $8.30
- 250 sds - $14.20
- 1,000 sds - $69.20

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

**WONDERFALL SERIES YELLOW WITH RED WING - 3436**
10-12 in. - 22,800 S. (F-1 Hybrid). 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. Floriferous plants with unique colors, including blotted 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**
Norrissii, Candy Lily
1,000 sds/oz 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 and spotted flowers. A cross between the Blackberry Lily and the Iris. Zones: 5-8

- 50 sds - $10.40
- 100 sds - $19.45
- 2,000 sds - $110.10

**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 bronzzy-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**
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.

**ARABESQUE SERIES**
Perennial. 24-30 in. - 100,000 S. P. hartwegii. (F-1 Hybrid). Unique. showy, bicolorred blooms dance circles around strong, upright stems. Also known as Summer Snapdragon. Blooms are large with white throats. Ideal for premium programs, offering the look of a perennial with the growing ease of an annual. Superior quality, faster and more reliable than traditional Penstemon. Suitable for quart, gallon and larger containers. Zones: 7

- Orchid - 6703
- Pink - 6706
- Red - 6707
- Violet - 6708

**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
- Rose - 3069PE

**NEW LOOK SERIES**
8 in. - P. lanceolata. Starry 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

**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.

**GLITTERATI RED STAR (PELLETED) - 3071PE**
New for 2020 12-22 - (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**
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

**PETUNIA, GRANDIFLORA SINGLE (continued)**

**GLITTERATI PURPLE STAR (PELLETED) - 3056PE**

**GLITTERATI RED STAR (PELLETED) - 3071PE**

**KALEIDOSCOPE SERIES**

**NEW LOOK SERIES**

**PETUNIA, GRANDIFLORA SINGLE (continued)**

**GLITTERATI PURPLE STAR (PELLETED) - 3056PE**

**GLITTERATI RED STAR (PELLETED) - 3071PE**

**KALEIDOSCOPE SERIES**

**NEW LOOK SERIES**
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

PEROVSKIA
Russian Sage
34,000 sds/oz  3-4 weeks

BLUE STEEL - 6596
Perennial. 18-36 in. - Aromatic, silvery foliage carries clouds of small blue flowers on strong silver stems that do not break or split easily. Pinch for optimal branching. Heat and drought tolerant. Very hardy.

Weeks to flower: 9-15. Zones: 4-9


20,000 sds/oz  70°  10 days

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

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

TAIGA
Crop failure. As a substitute, we suggest Blue Steel.

PETUNIA, DOUBLE GRANDIFLORA
250,000 sds/oz  70° - 75°
Transplant large and small seedlings to insure a complete range of colors. Taller plants should be pinched to induce better branching.

DOUBLE CASCADE SERIES
10-15 in. - 204,000-322,500 S. A very early and fully double series. Excellent pack and garden habit. Weeks to flower: 6-8. PELLETED SEED.

Blue - 0115PE
Burgundy - 0620PE
Orchid Mist - 0645PE  Lavender-pink.
Pink - 0621PE
Valentine - 0654PE  Red.
Mixture - 0622PE
A blend of the above varieties.

GLORIOUS MIXTURE (PELLETED) - 0685PE
10-15 in. - Contains all Pan-American colors. Transplant all large and small seedlings to insure a complete range of colors. Taller plants should be pinched to induce better branching.

PIROUETTE SERIES
245,000-294,000 S. (F-1 Hybrid). Early blooming series of very double, fringed flowers on compact plants. PELLETED SEED.

Purple - 0678PE
(All America Winner - 1987). Purple and white picotee.
Red - 0680PE  Red and white bicolor.
Rose - 0679PE
Each of the above: (29C0)  250 sds - $8.30
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95

PETUNIA, DOUBLE MULTIFLORA
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.
Mixture - 0936PE
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

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

PETUNIA, GRANDIFLORA SINGLE
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 blooming, uniform compact habit with good weather tolerance. PELLETED SEED.

Blue - 0165PE  Light blue.
Peppermint - 0185PE  Neon rose and Burgundy.
Pink - 0187PE  Soft pink.
Red - 0132PE  Red (strawberry).
Sugar - 0188PE  Orchid-purple with wine-red veins.

Mixture - 0225PE
Each of the above: (28F0)  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. Taller branching. Weeks to flower: 9-11. PELLETED SEED.

Appleblossom - 0147PE  Light blush salmon.
Burgundy - 0151PE
Burgundy Picotee - 0185PE
Burgundy with white edge.

PETUNIA, GRANDIFLORA SINGLE (continued next column)

PETUNIA, GRANDIFLORA SINGLE Dreams Series - Pelleted

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.

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.

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

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.

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

(29C0)
PETUNIA, GRANDIFLORA SINGLE (continued)

HULAHoop SERIES
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.
Blue - 0240PE Burgundy - 0239PE
Red - 0241PE Rose - 0242PE
Velvet - 0243PE Mixture - 0244PE
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

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: (2980) 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

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 gardens. 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: (2980) 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

TRITUNIA SERIES (continued)

Crimson Star - 0443PE
Fresh White - 0463PE
Lavender - 0444PE
Pink - 0445PE
Pink Morn - 0446PE
Pink Vein - 0447PE
Plum - 0448PE
Purple - 0464PE
Purple Star - 0449PE
Red - 0450PE
Red Star - 0451PE
Rose - 0452PE
Rose Star - 0453PE
Salmon - 0454PE
Salmon Vein - 0455PE
Sky Blue - 0456PE
Violet - 0457PE
Mixture - 0459PE
A complete mixture of all the above.
Star Mixture - 0461PE
A mixture of all Star pattern colors.
Vein Mixture - 0462PE
A mixture of all Vein pattern colors.
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

PRO Formula Mixture - Discontinued. As a substitute, we suggest Tritunia Mixture (pelleted).
White - Crop failure. As a substitute, we suggest Tritunia Fresh White (pelleted).

PETUNIA, MILLIFLORA SINGLE

250,000 sds/oz 70°-75°

PICOBELLA SERIES
8-10 in. - Small in stature, but a WOW in color. Dwarf, compact mounded habit. Loads of petite flowers on a proportionately appropriate plant. Perfect for small space or vertical gardening, also garden borders, hanging baskets and wall bags. Excellent performance in the heat. Weeks to flower: 9-11. PELLETED SEED.
Blue - 0963PE
Carmine - 0964PE
Light Lavender - 0965PE Improved for 2020!
Pink - 0952PE
Red - 0949PE
Rose - 0966PE
Rose Morn - 0893PE Vivid rose margin with white and yellow throat.
Rose Star - 0984PE Rose with white star.
Salmon - 0960PE Improved for 2020!
White - 0967PE
Mixture - 0968PE
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

MADNESS SERIES
12 in. - This series is extremely prolific and uniform blooming in the pack. Heat and weather tolerant with excellent garden performance, the 3 in. flowers are compact and floriferous. (Petunia Madness Series is a registered trademark of Ball Seed Company.) PELLETED SEED.
Burgundy - 0901PE Dark burgundy with veins.
Burgundy Star - 0903PE Burgundy and white bicolor.
Carmine - 0920PE Rosy-magenta.
Just Madness - 0918PE A mix of veined colors.
Lilac - 0902PE
Magenta - 0899PE
Midnight - 0904PE Deep blue.
Orchid - 0905PE Lavender-blue with darker veins.
Pink - 0906PE Plum - 0911PE
Plum Crazy - 0908PE Light plum, dark plum veins accent only the throat.
Red - 0909PE Rose - 0910PE
Royal - 0921PE
Deep purple with a light sheen.
Simply - 0913PE Salmon-pink.
Spring - 0914PE Pale salmon with darker veins.
Each of the above: (2920) 250 sds - $7.25
500 sds - $11.75 1,000 sds - $16.95
2,000 sds - $27.70 5,000 sds - $55.55

PETUNIA, GRANDIFLORA SINGLE

250,000 sds/oz 70°-75°

PETUNIA, MULTIFLORA SINGLE

CARPET SERIES-PELLETED
10-12 in. - Mid-size blooms are heat tolerant and hold their habit better in high-heat areas. Weeks to flower: 8-9. PELLETED SEED.
Blue - 0341PE Deep blue.
Blue Lace - 0355PE Mid-blue flowers with dark veins.
Blue Star - 0436PE Blue with white star.
Bright Red - 0437PE
Buttercream - 0387PE Soft yellow.
Lilac - 0342PE Soft lilac flowers with rosy tones.
Pink - 0363PE Rose-pink.
Plum - 0357PE Orchid-lavender flowers with deep orchid veins.
Rose - 0370PE Deep rose flowers.
Rose Star - 0438PE Rose with white star.
Salmon - 0406PE Bright salmon flowers with a creamy white throat.
Sky Blue - 0343PE Sky blue flowers.
True Blue - 0332PE Mid-blue flowers.
White - 0393PE Pure white flowers.
Mixture - 0424PE A formula blend of all the carpet varieties.
Neptune Mixture - 0336PE Inspired by the blues of the sea; True Blue, Blue, Sky Blue, Blue Lace and White.
Each of the above: (2940) 250 sds - $7.25
500 sds - $11.75 1,000 sds - $16.95
2,000 sds - $27.70 5,000 sds - $55.55

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

Flowers
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: (29C0) 250 sds - $3.20
  500 sds - $6.50 1,000 sds - $12.70
  2,000 sds - $24.95

PETUNIA, SPREADING (continued)

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 - $6.75
  50 sds - $35.50
  250 sds - $69.10

COMBO BLUE (PELLETED) - 0252PE

6-12 in. - (F-1 Hybrid). Large, 2-3 in. velvety deep blue flowers on a mounding, well-branched plant. Timing is similar to Easy Wave Blue, with a minimum daylength requirement to 10.5 hours. Weeks to flowers: 6 in the spring; 4 in the summer.

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.
  10 sds - $7.25
  50 sds - $35.70
  250 sds - $69.10

PETUNIA, SPREADING

250,000 sds/oz 70° - 75°

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.

Beachcomber Mix - 0979PE A mixture 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 A mixture of Coral Reef and Violet.

Plum Pudding Mixture - 0974PE Plum Vein and Violet.

Merlot Mixture - 0990PE A mixture of burgundy and lavender shades.
  Each of the above: (29C0) 250 sds - $3.20
  500 sds - $6.50 1,000 sds - $12.70
  2,000 sds - $24.95

Each of the above: (25H0) 25 sds - $11.30
  50 sds - $21.35
  250 sds - $66.50

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.
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

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.
Buzz Mixture - 0267PE  Mixture of Coconut, Pink Shades, and Rose.
Mixture - 0266PE  Complete mixture of all colors.
Spark Mixture - 0271PE  Mixture of Coconut, Denim and Pink Shades.
Volt Mixture - 0274PE  Mixture of Coconut, Denim and 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

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.
Pink - 0992PE  Slighty different color but up to two weeks earlier to flower.
Purple Classic - 0991PE  (All America Winner - 2002).  Very upright growing, tiny flowers, long lasting garden displays. PELLETED SEED.

Cherry - 0201PE  Hot Pink - 0202PE  Red - 0204PE  Salmon - 0209PE  Yellow - 0205PE  White - 0206PE  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
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.
Each of the above: (24J0) 10 sds - $10.20
25 sds - $21.30
50 sds - $36.30
100 sds - $57.25
250 sds - $128.10
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.
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, 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.
Each of the above: (30A0) 50 sds - $7.25
1,000 sds - $9.80
2,000 sds - $14.10
5,000 sds - $25.60
10,000 sds - $42.30

PHYSOSTEGIA (continued)

VIRGINIANA ROSE - 6132
Perennial. 24 in. - 14,000 S. P. virginiana. Rose-pink flowers. Zones: 2-9
250 sds - $7.25
500 sds - $11.75
1,000 sds - $16.95
2,000 sds - $27.70
5,000 sds - $55.55

PLATYCODON
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 Mixtue - 6673
All colors in the series, including the single and semi-doubles.
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

DWARF MARIESI BLUE - 6138
Perennial. 16 in. - 29,000 S. Large, rich blue bell-shaped flowers. Zones: 3-8
500 sds - $8.30
1,000 sds - $13.55
2,000 sds - $20.95
5,000 sds - $41.10
10,000 sds - $70.15

GRANDIFLORA
Perennial. 24 in. - 26,000 - 42,000 S. P. grandiflora. Large, single flowers on long graceful stems.
Blue - 6135 Pink - 6139
Each of the above: (30C0) 50 sds - $9.25
1,000 sds - $15.50
2,000 sds - $24.45
5,000 sds - $48.90
10,000 sds - $83.90

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 Pink - 6676
White - 6677

Mixture - 6678
A mixture of all the above.
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

SENTIMENTAL BLUE - 6116
Perennial. 8 in. - 35,000 S. (F-1 Hybrid). Large blue flowers on compact, uniform plants. Zones: 3-8
100 sds - $9.85
200 sds - $17.95
500 sds - $32.10
1,000 sds - $54.10
2,000 sds - $99.95

PETUNIA-FUSEABLES
PLECTRANTHUS

46,400 sds/oz  68-74°  6-9 days

SILVER CREST - 3629


POLENOMIUM

(continued)

HEAVENLY HABIT - 6191

Perennial. 10 in. - 25,000 S. P. haydenii. Sky blue flowers with yellow throat.

- 100 sds - $8.10 200 sds - $13.55
- 500 sds - $23.00 1,000 sds - $38.35
- 2,000 sds - $69.70

POPPIY

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

- 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

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. Chalrus Mixture - 3442EN

Mixtue of orange, white and yellow. Mixtue - 3631EN

A mixture of orange, pink, scarlet, white and yellow, all with pale yellow centers. Each of the above: (29CO) 250 sds - $9.70

- 500 sds - $17.45 1,000 sds - $26.60
- 2,000 sds - $45.35 5,000 sds - $94.25

GARDEN GNOME - 6179


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

SAN REMO MIXTURE - 3637

Perennial. 24 in. - 165,000 S. Papaver nudicaule. (Iceland Poppy). Extra large flowered Iceland Poppy with long, strong stems. Ideal for bedding or as a cut flower. A breeder’s blend of solid and bicolor flowers.

- 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

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 - 3464MP
Fuchsia - 3465MP
Orange - 3472MP
Peppermint - 3473MP
Pink - 3466MP
Rosita - 3467MP
White - 3469MP
Yellow - 3470MP
Mixture - 3471MP

Each of the above: (28D0) 500 sds - $8.30
1,000 sds - $16.55 2,000 sds - $29.65
500 sds - $48.85 1,000 sds - $99.90

Tropical Mixture - Crop failure. As a substitute, we suggest Happy Trails Tropical Mixture (multi-seed).

SUNDIAL SERIES-MULTI-SEED
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.

Cream - 3659MP
Fuchsia - 3660MP
Gold - 3654MP
Orange - 3661MP
Peppermint - 3653MP
Pink - 3662MP
Scarlet - 3663MP
Mixture - 3666MP

A blend of Chiffon, Cream, Fuchsia, Gold, Mango, Orange, Peach, Peppermint, Pink, Princess Pink, Scarlet, Tangerine, White and Yellow.

Each of the above: (28D0) 100 sds - $8.65
200 sds - $15.10 500 sds - $29.65
1,000 sds - $48.85 2,000 sds - $99.90

SUNDIAL SERIES-RAW SEED
4 in. - 211,500-248,500 S. (F-1 Hybrid). Very early to flower with compact growth habit. Outstanding garden performance. RAW SEED.

Fuchsia - 3660
Mango - 3668
Orange - 3661
Peppermint - 3653
Yellow - 3665
Mixture - 3666

A blend of Chiffon, Cream, Fuchsia, Gold, Mango, Orange, Peach, Peppermint, Pink, Princess Pink, Scarlet, Tangerine, White and Yellow.

Each of the above: (300C0) 500 sds - $8.30
1,000 sds - $13.55 2,000 sds - $20.95
5,000 sds - $41.10 10,000 sds - $70.15

PORTULACA

POTENTILLA

FIREBALL MIXED
Sorry, no longer available.

PRIMULA

60°-65°  3 weeks
Sow seed on a light, well drained soil mix. Do not cover seed with media. Maintain soil temperature and keep surface moist. After sowing seed, cover lightly with vermiculite. Light will help germination. Refrigerate seed for 7 days before sowing. Will flower the same year from sowing. Does well in the shade.

SUPEROVA SERIES

Perennial. 8 in. - 29,000 - 41,000 S. (F-1 Hybrid). Fabulous early spring color. Deep green leaves forms rosettes with extra large 2 in. blooms on multiple flower stems. A vigorous grower with a long bloom times. It has better disease resistance and tolerance to a wider range of temperatures. Great for container plantings. Zones: 5

Blue - 6716
Pink - 6717
Red - 6718
Yellow - 6720
Mixture - 6719

A formula mixture of Blue, Cream, Fire, Golden Yellow, Pink, Purple Bicolor, Red, Rose Bicolor, White and Yellow.

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

PRITZELAGO

Chamois Cress (Crystal Carpet). 68°
Rapidly germinating, keep seed in constant moisture (not wet). Seeds must be covered thinly. Do not cover very small seeds, but press tightly into the earth. Keep in cooler conditions after germination.

ICECUBE - 6724

Perennial. 2-4 in. - 100,000 S. Hutchinsia alpina. Low growing mat-forming evergreen that forms a nice solid tufted clump with small pinnate fresh green leaves that look good all year round, even in winter. In spring it bears cluster of small white flowers. The flowers are slightly fragrant. As flowers fade, the flowering stem elongates and new flowers are formed on the same stem. Perfect to use in rock gardens, as a border plant and between stones. Zones: 4-9

Each of the above: (30C0) 10 sds - $7.25
20 sds - $12.20
50 sds - $20.70 1,000 sds - $33.10
2,000 sds - $59.65 (2880)

PYRETHRUM ROSEMUM

Painted Daisy
18,000 sds/oz 60°-70°  2-3 weeks
Darkness will help germination. Beautiful 2-3 in. flowers with fern-like leaves. Excellent cutflower. Blooms May-September. Will flower the first year from seed.

ROBINSON DARK CRIMSON - 6209
Perennial. 18-24 in. - 9,000 S. Large, vibrant, crimson red daisies with bright yellow centers. Ideal for cottage gardens, mixed borders and make pretty long-lasting cut flowers. Will flower the first year from seed. Zones: 3-7

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 (3080)

ROBINSON SINGLE MIXTURE - 6211
Perennial. 18-24 in. - 15,000 S. Long stiff stems. A well balanced formula blend. Will flower the first year from seed. Zones: 3-7

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 (30A0)
**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

**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, galons and mixed containers.

- 50 sds - $12.10
- 250 sds - $46.15
- 1,000 sds - $128.25

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**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**

**CASTOR BEAN**

50-90 sds/oz  70°  2-3 weeks

A unique full sun annual used for specimen plants or as an exotic hedge. Grown primarily for the eye catching foliage than flowers. The plants will bloom June-October. CAUTION: SEEDS AND PARTS OF THE PLANT CAN BE POISONOUS, KEEP AWAY FROM CHILDREN OR PETS.

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**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 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
- 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
- 250 sds - $22.20
- 1,000 sds - $57.40

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**RAHITIDA, COLUMNIFERA**

**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

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**RATIBIDA, COLUMNIFERA**

**1ST YEAR FLOWERING PERENNIAL**

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**30% Discount Off your Seed Orders of $500 or more when booked by Oct 31st!**

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RUDBECKIA, HIRTA

AUTUMN COLORS - 3676
24-28 in. - 62,500 S. Beautiful 3-4 in. bright golden-orange daisy-like flowers are mostly double, with some semi-double flowered. Weeks to flower: 14-16. Zones: 5-9
500 sds - $7.25  1,000 sds - $9.80
2,000 sds - $14.10  5,000 sds - $25.60
10,000 sds - $42.30  (30A0)

CHEROKEE SUNSET - 3178
100 sds - $8.65  200 sds - $15.10
500 sds - $34.25  1,000 sds - $53.45
2,000 sds - $79.80  (28D0)

CHERRY BRANDY - 3628
20 in. - 48,000 S. A stunning, unique color of red shades. Masses of single flowers from bright sanguine red to bicolors with deep red centers. Heat tolerant. Beautiful in borders and beds. Flowers late June to the first frost. A must have variety for the garden. Zones: 5-9
50 sds - $8.10  200 sds - $13.55
500 sds - $23.70  1,000 sds - $38.35
2,000 sds - $69.70  (28D0)

CHIM CHIMINEE - 3967
20 in. - 40,000 S. Quilled flower petals in a range of gorgeous autumn colors.
100 sds - $8.10  200 sds - $13.55
500 sds - $23.70  1,000 sds - $38.35
2,000 sds - $69.70  (28D0)

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  200 sds - $16.55
500 sds - $29.65  1,000 sds - $48.85
2,000 sds - $89.90  (28D0)

GOLDILOCKS - 3646
24-28 in. - 62,500 S. Beautiful 3-4 in. bright golden-orange daisy-like flowers are mostly double, with some semi-double flowered. Weeks to flower: 14-16. Zones: 5-9
100 sds - $7.25  200 sds - $9.80
500 sds - $14.10  1,000 sds - $25.60
2,000 sds - $42.30  (30A0)

HIRETA - 3669
24 in. - 89,000 S. Bright yellow flowers that will bloom the first year from summer to frost.
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)

INDIAN SUMMER - 3707
100 sds - $8.10  200 sds - $13.55
500 sds - $23.70  1,000 sds - $38.35
2,000 sds - $69.70  (28D0)

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

MAYA - 3684
100 sds - $9.85  200 sds - $17.95
500 sds - $32.65  1,000 sds - $54.10
2,000 sds - $99.95  (28D0)

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  200 sds - $20.90
500 sds - $38.65  1,000 sds - $64.60
2,000 sds - $120.10  (28H0)

RUDBECKIA, HIRTA (continued)

GOLDSTURM (ENHANCED) - 6220EN
Perennial. 24-36 in. - 30,500 S. (Perennial Plant of the Year). R. fulgida. 4 in. golden flowers with dark disks. Will flower August to September. ENHANCED SEED for improved and more uniform germination. Zones: 3-9
100 sds - $7.25  200 sds - $12.20
500 sds - $33.10  1,000 sds - $59.65

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: (28B0) 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 requires 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.

RUDBECKIA, HIRTA (continued)

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  200 sds - $19.45
500 sds - $35.65  1,000 sds - $59.35
2,000 sds - $110.10  (28H0)

NEW ITEM THIS YEAR
CUT FLOWER
1ST YEAR FLOWERING PERENNIAL

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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 in the season, making a lovely addition to any bouquet.

- Zones: 4-7
- August to frost first year, July to frost second year

- Hardy biennial that may be grown as an annual.
- 500 sds - $7.65
- 1,000 sds - $11.70
- 2,000 sds - $17.55
- 5,000 sds - $33.40
- 10,000 sds - $56.25

SALVIA (continued)

BLUE BEDDER - 3765

- 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

- 500 sds - $7.25
- 1,000 sds - $12.20
- 2,000 sds - $20.70
- 5,000 sds - $33.10

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: (2980)

LADY IN RED - 3743

- 12-14 in. - 21,000 S. S. coccinea. (All America Winner - 1992). (Texas Sage). Bright red trumpet-shaped blooms. Fuzzy and shaped like elongated hearts, the dark green leaves are heavily veined and have serrated edges. The fragrant foliage contrasts dramatically with the long blooming flowers. Zones: 7-9

- 250 sds - $12.10
- 500 sds - $23.10
- 1,000 sds - $36.25
- 2,000 sds - $62.95
- 5,000 sds - $132.85

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.

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

PATENS (BLUE) - 6221
Perennial. 30 in. - 3,500 S. S. patens. Large, bright blue flowers.

- 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

- 50 sds - $14.20
- 100 sds - $26.65
- 250 sds - $53.30

SALVIA (continued on next page)
SALVIA (continued)

PINK SUNDAY - 3775

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 thrives in blazing sun, tolerating drought and often reblooms. Zones: 4-9

SCARLET SAGE - 6230
Perennial. 30 in. - 18,500 S. coccinea. (Texas Sage). Large, bright scarlet spikes. Zones: 7-9

SNOW NYMPH - 6250
16 in. - 18,500 S. coccinea. (Texas Sage). Pure white flowers. Zones: 7-9

STRAVA - 3766
12 in. - 28,000 S. farinacea. (All America Winner - 2016). A distinctive, bicolor species. The silver flower spikes carry small single clear blue flowers with a white calyx. Will bloom from May to frost and can take full sun.

WHEAT SHEAF - 3736
20 in. - 18,000 S. coccinea. Dwarf sized, compact plants have a prolific bloom count throughout the growing season. As a bonus, the blooms appear almost two weeks earlier than other salvias in this class. Leaves add beauty with their finer-textured, dark-green color. Of course, the hummingbirds love pink, just as much as they do red! Growers will appreciate the earliness, excellent pack habit performance and uniformity. Weeks to flower: 7-8.

Lavender - 3751
(All America Winner - 2016).

Pink - 3767
(All American Winner - 2012).

Red - 3742
(All American Winner - 2011).

White - 3736
Each of the above: (29B0) 250 sds - $7.25 500 sds - $11.75 1,000 sds - $16.95 2,000 sds - $27.70 5,000 sds - $55.55 (29AO)

LAVENDER SAGE - 3751
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

VICTORIA SERIES

SILVER - 3761
Dark blue.

White - 3761
Silvery-white.

Each of the above: (30AO) 500 sds - $7.25 1,000 sds - $11.75 2,000 sds - $16.95 5,000 sds - $27.70 10,000 sds - $42.30

MOJAVE IMPROVED RED - 3726
14 in. - 7,500 S. coccinea. True red flowers on deep green broad leaf foliage. New spikes cover the old, giving an intense and prolonged display. Zones: 7-9

SALVIA, SPLENDENS

7,500 sds/oz
Will attract hummingbirds all season.

BONFIRE - 3754

FLARE - 3748
18 in. - 7,000 S. x superba. 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.

HOT JAZZ - 3747
17 in. - 9,000 S. coccinea. (Red Pillar). Tightly packed spikes in great numbers of dazzling scarlet contrasted against glossy deep green foliage. Coming into bloom right after Blaze of Fire. Considered by many as the best all-around Salvia.

LIGHTHOUSE PURPLE - 3769
24-30 in. - 8,800 S. coccinea. 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.

MOJAVE IMPROVED RED - 3726
14 in. - 7,500 S. coccinea. True red flowers on deep green broad leaf foliage. New spikes cover the old, giving an intense and prolonged display.
SANVITALIA
Creeeping Zinnia
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.

BEAUTY SERIES
\textcircled{1}  Perennial. 24 in. - 6,000 S. S. vaccaria. Outstanding 3/4 in. single flowers closely resemble Gypsophila, but are larger and unscented. Will flower the first year from seed.

Pink - 6234 \textcircled{1}
White - 6236 \textcircled{1}

SIZZLER MIXTURE - 3725
8,000 S. Very early flowering. The colors are bright and clear on dark green foliage. Flower spikes are held well above the foliage. Day length neutral.
100 sds - $7.25  200 sds - $10.70
500 sds - $17.70  1,000 sds - $27.85
2,000 sds - $49.55


SANVITALIA (continued)

OCYMOIDES - 6235
\textcircled{1}  Perennial. 8 in. - 15,000 S. Trailing habit with rose flowers. Nice groundcover. Will flower the first year from seed. 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

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. arendsii. A very low, dense, cushion-forming evergreen with tiny vivid colored flowers. Extremely uniform with extra-early flowering habit. Zones: 5-9

ROCCO RED (PELLETED) - 6087PE
Perennial. 3-5 in. - S. arendsii. 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

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.

BLACK KNIGHT - 3782
\textcircled{1}  24-36 in. - 13,000 S. Dramatic dark maroon blooms with white stamens. Attracts butterflies like crazy, beneficial insects and bees. A cottage garden classic with a wonderful sweet honey fragrance that is enjoyed in the garden and bouquets. An easy, low maintenance cut and come again, with long wiry stems. Cutting or deadheading often will extend flowering into fall. Birds love the dried seed heads in late fall and winter. May self sow if happy.

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

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 - $8.55
500 sds - $11.75
1,000 sds - $16.95
2,000 sds - $27.70
5,000 sds - $61.85

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 - $7.25
500 sds - $16.95
1,000 sds - $33.10
2,000 sds - $55.55
5,000 sds - $99.25

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: (29B0) 250 sds - $8.55
500 sds - $14.60
1,000 sds - $21.85
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 Perennial. 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
250 sds - $9.70
500 sds - $17.45
1,000 sds - $26.60
2,000 sds - $45.35
5,000 sds - $94.25

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 xeriscape containers. Great for use in corsages. 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 Fata Morgana

Sedum Hippie Chicks

SOLARITY DEEP ROSE
Sorry, no longer available.
SEDUM (continued)

SPIRIT - 6292
Perennial. 4 in. - 308,500 S. S. selskianum. Bright yellow, star shaped flowers with bright green, glossy leaves. Plants thrive in rock gardens in the hottest locations.

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

SPURIIUM COCCINEUM - 6247
Perennial. 6 in. - 450,500 S. (Dragon's Blood). Creeping evergreen forming mats with pink flowers. 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

SPURIIUM VOODOO - 6280
Perennial. 6 in. - 625,000 S. Deep, intense color of dark red leaves contrast with bright rose colored flowers. Outstanding garden performance. Zones: 3-9

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

SURRENDER RED
Sorry, no longer available.

SEMPERVIVUM
Houseleek, Perennial "Hens and Chicks"
400,000 sds/oz 65°-70° 3 weeks
For the best germination, do not cover seeds after sowing in indented rows. Light will help germination. Blooms June - August.

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

PERENNIAL SPECIES MIXTURE
Crop failure. As a substitute, we suggest Hippie Chicks Mixture (pelleted).

SHAMROCK
TRUE IRISH
Sorry, no longer available.

SILENE
Catchfly, Cushion Pink
61,000 sds/oz 65°-70° 10 days
Nice cutflower. Will bloom July - October the first year from seed.

ORIENTALIS - 6264
Perennial. 26 in. - 250,000 S. Beautiful 3-4 in. single bright carmine rose flowers are clustered in 4 in. dense flower heads. Blooms will resemble a lychnis flower. Will bloom June-September. Zones: 4-8

- 500 sds - $9.25
- 1,000 sds - $15.50
- 2,000 sds - $24.45
- 5,000 sds - $48.90
- 10,000 sds - $83.90

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.

SNAPDRAGON, DWARF (continued on next page)
SNAPDRAGON, TALL

180,000 sds/oz  65-70°  7 days
For best germination, we suggest pre-chilling the seed in the refrigerator for 3-5 days.

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.
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

YELLOW - Discontinued. As a substitute, we suggest Madame Butterfly Yellow.

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.
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

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 ♢
Each of the above: (29B0) 250 sds - $7.25
500 sds - $14.60  1,000 sds - $21.85
2,000 sds - $36.55  5,000 sds - $74.95

MADAME BUTTERFLY SERIES
30-40 in. - 60,000 S. This fun and first of its kind produces unique red and white tube-patterned flower spikes on strong, sturdy stems. Great choice to make top quality, novelty bouquets. This Group 2 variety can be scheduled and grown along with the Maryland series.
RED DELILAH - 3801 ♢
39-60 in. - 180,000 S. This fun and first of its kind produces unique red and white tube-patterned flower spikes on strong, sturdy stems. Great choice to make top quality, novelty bouquets. This Group 2 variety can be scheduled and grown along with the Maryland series.

SPRING CROCUS
Consists of bronze, bronze/white, cherry/bronze, ivory, pink, red, rose and yellow.

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

SNAPASTIC 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 - $33.10
2,000 sds - $59.65

SNAPDRAGON, GREENHOUSE (continued)

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: (28B0) 100 sds - $7.25
200 sds - $12.20
500 sds - $20.70
1,000 sds - $38.35
2,000 sds - $69.70

SNAPDRAGON, GREENHOUSE

AXIOM SERIES DEEP ORANGE
Crop failure. As a substitute, we suggest Potomac Dark Orange.

MARYLAND SERIES

Appleblossom - 3905
White and rose bicolor.
Bright Yellow - 4051
Dark Orange - 3906
Lavender - 4053
Rose (flamingo) - 3908
Bright salmon rose.
Royal - 4009
Shell Pink - 3920
Clear pink with a white tube.
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.

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 - $33.10
2,000 sds - $59.65

SOLANUM

ORNAMENTAL EGG PLANT
6,500 sds/oz 75°-80° 14 days

PUMPKIN ON A STICK - 4559

- 18 in. - 8,000 S. S. melongena. Looks like small little orange pumpkins on a stem and it’s edible!
100 sds - $9.30
200 sds - $16.55
500 sds - $29.65
1,000 sds - $48.85
2,000 sds - $89.90

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
5,000 sds - $18.45
10,000 sds - $30.10
25,000 sds - $61.85

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 - $42.30

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

LATIFOLIA - 6273
Perennial. 18 in. - 30,000 S. (Sea Lavender). Clean seed. Dozens of slender, paper. Grow them as bedding plants, in containers or window boxes. 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) 250 sds - $8.55
500 sds - $14.60 1,000 sds - $21.85
2,000 sds - $36.55 5,000 sds - $74.95

QIS SERIES
28 in. - 11,000 S. Clean seed. Very uniform in color, flower size and stem quality. Well suited for greenhouse and outdoor production. The best strain for professional cut flower production.

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.

CHEERFUL SERIES
24 in. - 11,000 S. (F-1Hybrid). 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.

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.

TOSCA SERIES (continued)
35-40 in. - 16,000 S. Extra early, non-branching with gray-green leaved foliage produce beautiful scented flowers. Does well in both unheated greenhouses and outdoor field production. Doubles can be selected by cotyledon color.

VINTAGE MIXTURE - 4962
15 in. - 18-29,500 S. An early flowering dwarf garden variety with 60% double flowers and sturdy, branching habit.

MIDGARD SERIES
8 in. - 16,000 S. Very early and dwarf variety. Compact habit with good branching habit.

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.

XMAS SERIES
35-40 in. - 16,000 S. Extra early, non-branching with gray-green leaved foliage produce beautiful scented flowers. Does well in both unheated greenhouses and outdoor field production. Doubles can be selected by cotyledon color.

VINTAGE MIXTURE - 4962
15 in. - 18-29,500 S. An early flowering dwarf garden variety with 60% double flowers and sturdy, branching habit.
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 - $13.90
- 1,000 sds - $21.65
- 2,000 sds - $42.90
- 5,000 sds - $55.15
- 10,000 sds - $111.75

**MOONSHADOW - 4003**
- 60-84 in. - 900 S. (All America Winner - 2001). Branching. Flowers are 3-4 in. in diameter with a dark center. Best solution for growers who have experienced problems with Downy Mildew.

- 100 sds - $8.65
- 200 sds - $15.10
- 500 sds - $26.65
- 1,000 sds - $43.60
- 2,000 sds - $79.80
- 5,000 sds - $159.60

**PREMIER SERIES**
- 48-60 in. - 700 S. (F-1 Hybrid). Pollen free. Single stem. An extra-early flowering series. Day-length neutral for year round sowing in the field and greenhouse. Flowers maintain their full framed beauty after harvest, with petals that are wide and overlapping.

- 100 sds - $8.65
- 200 sds - $15.10
- 500 sds - $26.65
- 1,000 sds - $43.60
- 2,000 sds - $79.80
- 5,000 sds - $159.60

**RING OF FIRE - 4007**
- 45 in. - 900 S. (All America Winner - 2001). Branching. This bicolour 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 - $54.95

**SOLAR POWER - 4072**
- 40 in. - 550 S. (F-1 Hybrid). Pollen free. Branching. Flowers are 4-5 in. in diameter 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

**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 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 - $16.20
500 sds - $29.65
1,000 sds - $48.85

**Sunbright Supreme - 4066**
- 100 sds - $8.65
- 200 sds - $15.10
- 500 sds - $26.65
- 1,000 sds - $43.60
- 2,000 sds - $79.80

**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. 5-10 days earlier flowering than the rest of the series. Each of the above: (28F0) 100 sds - $9.30
200 sds - $16.55
500 sds - $29.65
1,000 sds - $48.85
2,000 sds - $89.90

**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: (28F0) 100 sds - $9.85
200 sds - $19.70
500 sds - $32.65
1,000 sds - $54.10
2,000 sds - $89.90

**SUNFLOWER SUNRICH 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.**

**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: (28F0) 100 sds - $9.85
200 sds - $19.70
500 sds - $32.65
1,000 sds - $54.10
2,000 sds - $99.95

**VANILLA ICE - 4099**
- 50-60 in. - 4,500 S. Branching. Creamy lemon-yellow flowers with black centers on sturdy branching plants.

Each of the above: (28F0) 100 sds - $13.55
200 sds - $26.10
500 sds - $42.20
1,000 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.

Each of the above: (28F0) 100 sds - $9.30
200 sds - $18.60
500 sds - $29.65
1,000 sds - $48.85
2,000 sds - $89.90

**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.

Each of the above: (28F0) 100 sds - $9.85
200 sds - $19.70
500 sds - $32.65
1,000 sds - $54.10
2,000 sds - $99.95

**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.

Each of the above: (28F0) 100 sds - $9.30
200 sds - $18.60
500 sds - $29.65
1,000 sds - $48.85
2,000 sds - $89.90

**SUNFLOWER - SUNRICH SERIES (continued)**

**38 in. - 650 S. AMAZING PRODUCT!! Free-branching 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 (PGRs) 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

**SUNFLOWER - SUNRICH SERIES (continued)**

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**SUNFLOWER - SUNRICH SERIES (continued)**

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**SUNFLOWER - SUNRICH SERIES (continued)**

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

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

MISS SUNSHINE - 4047
**New for 2020** ☑️ 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.

- 50 sds - $9.10  
- 250 sds - $30.20  
- 1,000 sds - $80.95

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  
  (Fleuroselect 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: (28C0)  
  - 100 sds - $8.10
  - 200 sds - $13.55
  - 1,000 sds - $38.35

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.

- 50 sds - $9.10  
- 250 sds - $30.20  
- 1,000 sds - $80.95

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.

- 25 sds - $7.75  
- 100 sds - $17.70  
- 500 sds - $56.20

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.

- 25 sds - $8.30  
- 100 sds - $20.70  
- 500 sds - $67.75

SUNFLOWER, DWARF (continued)

TEDDY BEAR - 4108
24 in. - 1,500 S. (Yellow Pigmy). Compact, dwarf free-flowering plants with medium sized fully double golden yellow flowers.

- 500 sds - $8.30  
- 1,000 sds - $13.55
- 2,000 sds - $20.95  
- 5,000 sds - $41.10
- 10,000 sds - $70.15

BALLAD
24-30 in. - Crop failure. As a substitute, we suggest Sunbuzz.

SUNNY SMILE
Crop failure. As a substitute, we suggest Smiley.

SWEET PEA

Lathyrus odoratus

- 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.

- 1/4 oz. - $8.55  
- 1/2 oz. - $17.20
- 4 oz. - $55.45

- KNEE HIGH MIXTURE - 4078  
  Climer. 24-30 in. - 250 S. Semi-dwarf, Dwarf Climber.

- 2 oz. - $23.75  
- 4 oz. - $38.55

- MAMMOTH SERIES MIXTURE - 4455  
  Climer. Mixture includes Blue, Deep Burgundy, Deep Rose, Lavender, Mid Blue, Rose Pink, Salmon, Scarlet and White.

- 2 oz. - $23.75  
- 4 oz. - $38.55

- OLD SPICE MIXTURE - 4004  
  Climer. 60-72 in. - 300 S. Heirloom. Highly fragrant. Delicate 1-inch blooms with a scent of honey and orange blossom. Features unique bicolor blooms as well as the traditional solid shades of Purple, Rose, Scarlet and White. Excellent for greenhouse production, developed specifically for flowering under short days and low light conditions.

- 2 oz. - $23.75  
- 4 oz. - $38.55

- 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.

- 2 oz. - $23.75  
- 4 oz. - $38.55

- WINTER ELEGANCE MIXTURE - 4086  
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- 2 oz. - $23.75  
- 4 oz. - $38.55

TALINUM

- 73,700 sds/oz  
  60°-70°  
  2 weeks

- 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.

- VERDE - 4150  
  32 in. - 57,000-71,000 S. T. paniculatum. Flowers open hot pink and then form orange berries that ripen to dark red. Height, color and texture are great for mixed containers. Heat tolerant and grows well in sun or shade. Can also handle low-water and soggy conditions. Weeks to flower: 9-10.

THALICTRUM

- Meadow Rue
  12,000 sds/oz  
  65°-70°  
  2 weeks

- AQUILEGIFOLIUM 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

- 2 oz. - $10.40  
- 4 oz. - $20.80
- 1000 sds - $91.95
- 2000 sds - $183.90

- DIPTEROCARPUM - 6282  
  Perennial. 36 in. - 17,000 S. Graceful sprays of lilac-mauve flowers with lemon-yellow anthers. Strong plants. Zones: 5-8

- 1 oz. - $7.25  
- 2 oz. - $14.50
- 1000 sds - $71.75
- 2000 sds - $143.50

- BONAVENTURE - 6284  
  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

- 2 oz. - $10.40  
- 1 oz. - $5.20
- 1000 sds - $91.95
- 2000 sds - $183.90

- SNOWBERRY - 6283  
  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

- 2 oz. - $10.40  
- 1 oz. - $5.20
- 1000 sds - $91.95
- 2000 sds - $183.90
THERMOPSIS
3,700 sds/oz  76°  2-3 weeks

CAROLINIANA - 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 - $14.40  200 sds - $28.80  500 sds - $57.60  1,000 sds - $115.20  2,000 sds - $230.40  5,000 sds - $576.00  10,000 sds - $1,152.00

THUNBERGIA
Black-eyed Susan Vine 1,150 sds/oz  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 - $8.30  50 sds - $16.60  100 sds - $33.20  250 sds - $66.50  500 sds - $133.00  (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.
25 sds - $8.50  50 sds - $16.90  1,000 sds - $33.80  2,000 sds - $67.60  5,000 sds - $135.20  (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 - $14.80  1,000 sds - $29.60  2,000 sds - $59.20  5,000 sds - $118.40  (2980)

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 - $14.50  5,000 sds - $38.75  10,000 sds - $77.50  25,000 sds - $194.25  (31A0)

TITHONIA
FIESTA DEL SOL - 4005
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 - $24.60  500 sds - $49.20  1,000 sds - $98.40  (26A0)

TORCH - 4116
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 - $14.50  1,000 sds - $29.00  2,000 sds - $58.00  5,000 sds - $116.00  (26A0)

TORENIA
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.
375,000 sds/oz  76°  2-3 weeks

DUCHESS SERIES
6-8 in. - (F-1 Hybrid). Early to flower, compact and uniform in both timing and plant habit. Performs well as a pot plant and because of its tight mounding habit, it is also suitable for bedding plant production. Weeks to flower: 11-13. PELLETED SEED.

Blue And White - 4480PE
Blue with white throat.
Pink - 4483PE
Hot pink with white throat.
Mixture - 4484PE
A formula mixture of all colors.
Each of the above: (28D0)  100 sds - $8.65  200 sds - $15.00  500 sds - $38.65

KAUAI SERIES
8 in. - Unsurpassed color, more compact and better branched habit than Clown series. Superior performance in extreme heat and humidity and exotic appearance in small garden settings. Great for mixed combos and color bowls; also suited to indoor containers. PELLETED SEED.

Blue And White - 4500PE
Burgundy - 4490PE
Rich burgundy rim with white tube.
Deep Blue - 4490PE
Deepest blue variety on the market.
Lemon Drop - 4491PE
Unique bright white flowers have prominent yellow spots.
Magenta - 4492PE
Rich magenta rim with white tube.
Rose - 4493PE
Vivid rose with white tube.
White - 4494PE
Bright, clear white.
Mixture - 4495PE
Very bright, attractive mixture includes Burgundy, Deep Blue, Lemon Drop, Magenta, Rose and White.
Each of the above: (28D0)  100 sds - $9.30  200 sds - $16.60  500 sds - $29.65  1,000 sds - $48.85  2,000 sds - $98.90

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

Blue - 6514PE
Purple - 6468PE
Violet - 6515PE
White - 6513PE
Mixture - 6520PE
Complete mixture of all colors.
Each of the above: (28D0)  100 sds - $8.10  200 sds - $16.20  500 sds - $26.60  1,000 sds - $42.00  2,000 sds - $83.70

86  NEW ITEM THIS YEAR  |  CUT FLOWER  |  1ST YEAR FLOWERING PERENNIAL
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 seed. Zones: 5-9

YELLOW, and red. Excellent cut flower, will flower the same year from sowing. Zones: 3-6

IMAGINATION - 4170EN
87

SOUTHERN CHARM (PELLETED) - 6480PE
Perennial. 24-30 in. - 17,500 S. Prized for its flower, it produces globular shaped multi-petalled orange blossoms. Use as groundcover and suitable for bog gardening. Zones: 3-6

LEDEBOURI GOLDEN QUEEN - 6311
Perennial. 36 in. - 10,500 S. (Pfitzers Hybrid). Giant spikes of brilliant red, orange and yellow shades.

500 sds - $7.25 1,000 sds - $14.50 2,000 sds - $28.75

TROLLIUS
Globe Flower
8,000 sds/oz  60°

VERBASCUM
Mullein
125,000 sds/oz  55°-60°  2-3 weeks
Will flower the same year from sowing.

PHOENICEUM MIXTURE - 6318
24-36 in. - 260,000 S. Shades of white, pink, salmon and purple. Attractive border plant. Nice cut flower. Zones: 4-8

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 - 4170
For the first 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.

OBSESSION SERIES

Burgundy With Eye - 4988EN
Pink Shades - 4989EN
Scarlet - 4990EN
Twister Burgundy - 4998EN
Twister Violet - 4991EN
Swirling blooms in lilac, violet and white. Each of the above: (25B0) 25 sds - $8.30 50 sds - $14.20 250 sds - $40.30

OBSESSION CASCADE SERIES
Well branched spreading habit will quickly fill pots and baskets with vibrant, one of a kind flower patterns. Hearty and will continue to perform and flower in the garden well after many other varieties have died from disease. Enhanced seed for better and more uniform germination.

Weeks to flower: 8-16.

Burgundy With Eye - 4988EN
Pink Shades - 4989EN
Scarlet - 4990EN
Twister Burgundy - 4998EN
Twister Violet - 4991EN
Swirling blooms in lilac, violet and white. Each of the above: (25B0) 25 sds - $8.30 50 sds - $14.20 250 sds - $40.30

VERBENA (continued on next page)
VERBENA (continued)

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

CANADIENSIS - 6320

DESSERT JEWELS - 6337

POLARIS - 6321

SANTOS (ENHANCED) - 6319EN

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

REPENS - 6326

ROYAL BLUE - 6329

SPICATA BLUE - 6327

VERONICA

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.

<table>
<thead>
<tr>
<th>Color</th>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink</td>
<td>4166</td>
<td>New for 2020; improved and more uniform germination.</td>
</tr>
<tr>
<td>Purple</td>
<td>4527</td>
<td>Perennial.</td>
</tr>
<tr>
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</tr>
<tr>
<td>White</td>
<td>4554</td>
<td>Mixtures Xp - 4558</td>
</tr>
<tr>
<td>Waterfall Mixture</td>
<td>4161</td>
<td>Lavender Blue With Eye, Purple With White Eye and Solid White.</td>
</tr>
</tbody>
</table>

TUSCANI SERIES

8-10 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 mounded plants make this strain a garden standout for beds and mixed containers. Weeks to flower: 12-14

<table>
<thead>
<tr>
<th>Color</th>
<th>#</th>
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</tr>
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<tbody>
<tr>
<td>Blue</td>
<td>4550</td>
<td>Solid medium blue.</td>
</tr>
<tr>
<td>Bordeaux Xp</td>
<td>4159</td>
<td>Burgundy With Eye Xp - 4182</td>
</tr>
<tr>
<td>Pink</td>
<td>4166</td>
<td>New for 2020; improved and more uniform germination.</td>
</tr>
<tr>
<td>Purple</td>
<td>4527</td>
<td>Perennial.</td>
</tr>
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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 mounded plants make this strain a garden standout for beds and mixed containers. Weeks to flower: 11-13

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<td>Lavender Blue With Eye, Purple With White Eye and Solid White.</td>
</tr>
</tbody>
</table>
**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 aerial Phytophthora and an excellent choice for regions that experience resistance to aerial Phytophthora.  Easier to grow! Improved branching, uniformity, and free-flowering makes this series ideal for premium packs and small to larger pots.  Higher consumer appeal with large showy flowers in the widest range of solid and high demand bicolor patterns of any disease resistant vinca on the market.

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.
Mixture - 4210  A complete mixture of all colors.
Each of the above: (25A0)  25 sds - $7.75
50 sds - $12.35  100 sds - $17.70
250 sds - $33.75  500 sds - $56.20

**CORAS CLASSIC RED - 4193**
14-16 in.  - 12,000 S.  The vinca that fights back!  Offers season-long flowering and survival in landscape plantings.  Highly resistant to ten of the most virulent isolates of Phytophthora nicotianae that cause Phytophthora blight on annual vinca.  Easier to grow! Improved branching, uniformity, and free-flowering makes this series ideal for premium packs and small to larger pots.  Higher consumer appeal with large showy flowers in the widest range of solid and high demand bicolor patterns of any disease resistant vinca on the market.

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  Mixture of Blackberry, Red and White.
Each of the above: (26A0)  50 sds - $8.30
100 sds - $14.20  250 sds - $26.15
500 sds - $40.30  1,000 sds - $69.20

**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 large 2 in. flowers with overlapping petals.  Very early and free-flowering with excellent basal-branaching 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.

Apricot XP - 4163  Soft pastel ivory with a dark eye.
Blush XP - 4141  Light rose with deeper rose eye.
Burgundy Halo XP - 4035  (All America Winner - 2007).  Dark burgundy with white center.
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  Light rose with deeper rose eye.
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.
Raspberry XP - 4124  Raspberry-red.
Really Red XP - 4125  True red with small yellow eye.
Rose Halo XP - 4054  White with small red center.
Mixture XP - 4156  A formula blend of all varieties.
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

**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 orage-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! Mixtures 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 providing 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

Orange Jump Up - 6759
Orange with purple caps and whiskers.
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

VIOLA PENNY SERIES
(continued next column)

VINCA (continued)

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
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)

PENNY SERIES
4-6 in. - 26,000-44,000 S. (F-1 Hybrid). Distinct and strong colors, distinct patterns and better flower appearance make this an ideal series. Plant habit fills out the cell/pot without becoming too big. Bred to be cold and heat tolerant, they are ideal for spring and fall planting that show their colors all season. Non-stretching stems under warm conditions. Robust root system for better over-wintering performance. Weeks to flower: Spring: 11-13 Summer 9-10. Zones: 8-11

Azure Dawn - 6404
Unique color of blue shades fading to soft yellows.

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

VIOLA PENNY SERIES
(continued next column)

Vinca Tattoo Series
Plug Crop Time: 5 weeks
Transplant to finish: 5 to 6 weeks

Order Online at germaniaseed.com
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: (28C0) 100 sds - $8.10
200 sds - $16.20 500 sds - $32.75
1,000 sds - $82.75 2,000 sds - $165.50

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 highest seed quality means it can be grown alongside mainstream Viola and Pansy crops. Create an eye-catching 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 all colors.

Each of the above: (28F0) 100 sds - $9.85
200 sds - $19.70 500 sds - $39.40
1,000 sds - $78.80 2,000 sds - $157.60

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 - $18.60 500 sds - $37.20
1,000 sds - $74.40 2,000 sds - $148.80

ZINNIA, ANGUSTIFOLIA (continued next page)
ZINNIA, ANGLUSTIFOLIA (continued)

STAR SERIES

<table>
<thead>
<tr>
<th>Size</th>
<th>14 in.</th>
<th>56,000 S.</th>
<th>Beautiful 2 in. single star-shaped flowers. This narrow leafed variety is tolerant of heat, drought, humidity, alternaria, and powdery mildew. Weeks to flower: 8-10.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold</td>
<td>4432</td>
<td>Orange</td>
<td>4430</td>
</tr>
<tr>
<td>White</td>
<td>4429</td>
<td>Mixture</td>
<td>4431</td>
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<tr>
<td>Each of the above: (30E0)</td>
<td>50 sds - $10.10</td>
<td>250 sds - $10.25</td>
<td>1,000 sds - $25.50</td>
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<td>500 sds - $7.65</td>
<td>1,000 sds - $11.70</td>
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<td>10,000 sds - $56.25</td>
<td>(30E0)</td>
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ZINNIA, DWARF

Z. Elegans

from 6 to 12 inch height

BUTTON BOX MIXTURE - 4411

12 in. - 6,000 S. Our own formula blend of all varieties in this class. Blooms about the same size as the Lilliputs. The compact plants only reach 12 in. high and are excellent for borders. Many flowers covering the plants leave a pleasing show of color. Each of the above: (30E0) 100 sds - $7.25 | 200 sds - $14.10 |

OLD MEXICO - 4419

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.

ZAHARA XL SERIES

18-24 in. - 12,500 S. Z. marylandica. A 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 withstanding 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.

CHERRY - 4280 (All America Winner - 1999).

RED - 4289 (All America Winner - 2017).

WHITE - 4286 (All America Winner - 2001).

YELLOW - 4327 Bright yellow.

5 Color Mixure - 4325

Scarlet and Yellow Mixture - 4327.

Double Yellow - 4347 Radiant yellow.

Fire - 4274 Scarlet-orange.

Lemon - 4303

Orange - 4281 (All America Winner - 1999).


WHITE - 4286 (All America Winner - 2001).

YELLOW - 4327 Bright yellow.

5 Color Mixure - 4325

Apricot, Cherry, Fire, Orange and White.

All America Mixture - 4233

Contains all of the All America Selection winners in this series. Cherry, Orange, Red and White.

Double Mixture - 4878

Mixture of all Double Profusion Colors.

Mixure - 4827

Mixture of all Double Profusion Colors.

Sunrise Mixture - 4326

Flare, White and Yellow.

Each of the above: (26C0) 50 sds - $9.10 | 100 sds - $14.20 | 500 sds - $40.30 |

SWIZZLE SERIES

10-12 in. - 4,000 S. (F-1 Hybrid). Large, fully double bicolor flowers. Nice compact habit, excellent for pack or pot sales. Weeks to flower: 8-9.

ZINNITA MIXTURE - 4344

6-8 in. - 5,000 S. Naturally compact habit with an abundance of 1 1/2 - 2 in. fully double flowers. Well branched, globe shaped habit.

Each of the above: (26B0) 50 sds - $8.30 | 100 sds - $14.20 | 500 sds - $40.30 |

ZINNIA, MEDIUM

Z. Elegans

from 16 to 24 inch height

BURPEEANIA GIANT MIXTURE - 4293

24 in. - 3,000 S. Giant Cactus Type. Large zinnias with a unique habit of growth. Large, full blossoms that appear curved and twisted, full range of colors. Strong laterals continue the lively display of bloom all through summer and early fall.

Each of the above: (28F0) 50 sds - $8.95 | 100 sds - $17.95 | 500 sds - $54.10 |

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 after 60 days after the transplanting when they are less than 4 in. high. Outstanding garden performance.

Each of the above: (28A0) 50 sds - $7.25 | 100 sds - $14.50 | 500 sds - $28.75 |

POPO ART GOLDEN AND RED - 4434

24 in. - 2,500-4,000 S. A real "wow factor" dazzling the eye with sensuous color. Large bright golden-yellow, fully double blossoms that are flecked with splashes and speckles of red. Each blossom is unique. Makes an eye-catching display in the garden. Strong disease resistant plant.

ZINNIA, DWARF PROFUSION SERIES (continued)

ZAHARA XL SERIES

18-24 in. - 12,500 S. Z. Marylandica. A 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 withstanding 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 Rich orange-red.

Pink - 4863 Rich true rose.

WHITE - 4864 Clear ivory white.

YELLOW - 4865 Clean yellow.

Mixture - 4866

Each of the above: (26B0) 50 sds - $9.10 | 100 sds - $19.50 | 500 sds - $79.30 |

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.

Each of the above: (26B0) 50 sds - $9.10 | 100 sds - $19.50 | 500 sds - $79.30 |

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 petals. 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).

CHERRY BICOLOR - 4348

Two-tone cherry shades.

ZINNIA, DWARF PROFUSION SERIES (continued)

Deb Apricot - 4305


Double Fire - 4876 Deep orange scarlet.

Double Golden - 4875 Bright golden yellow.

Double Hot Cherry - 4345


Double White - 4877 Clear white.

Double Yellow - 4347 Radiant yellow.

Fire - 4274 Scarlet-orange.

Lemon - 4303

Orange - 4281 (All America Winner - 1999).


WHITE - 4286 (All America Winner - 2001).

YELLOW - 4327 Bright yellow.

5 Color Mixure - 4325

Apricot, Cherry, Fire, Orange and White.

All America Mixture - 4233

Contains all of the All America Selection winners in this series. Cherry, Orange, Red and White.

Double Mixture - 4878

Mixture of all Double Profusion Colors.

Mixure - 4827

Mixture of all Double Profusion Colors.

Sunrise Mixture - 4326

Flare, White and Yellow.

Each of the above: (26C0) 50 sds - $9.10 | 100 sds - $15.95 | 500 sds - $46.90 |

7 Color Mixure - Crop failure. As a substitute, we suggest Profusion Mixture.

SWIZZLE SERIES

10-12 in. - 4,000 S. (F-1 Hybrid). Large, fully double bicolor flowers. Nice compact habit, excellent for pack or pot sales. Weeks to flower: 8-9.

Cherry And Ivory - 4235

Cherry with Ivory tips.

Scarlet And Yellow - 4237

Scarlet and Yellow tips.

Mixure - 4239 Mixture of both colors.

Each of the above: (24A0) 50 sds - $7.25 | 100 sds - $14.50 | 500 sds - $28.75 |

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 after 60 days after the transplanting when they are less than 4 in. high. Outstanding garden performance.

Each of the above: (30A0) 50 sds - $7.25 | 100 sds - $14.50 | 500 sds - $28.75 |

2,000 sds - $49.55 (30A0)
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 - $17.75 500 sds - $53.45 1,000 sds - $92.80

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.

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
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.

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
ZINNIA, TALL
Z. Elegans
30 inch height and greater

BENARYS GIANT SERIES—RAW SEED
36-48 in. - 4,000 S. A special selection with long, thick sturdy stems and large 4-5 in., fully double blooms. Outstanding strain with good garden performance and mildew resistance for a cut flower. RAW SEED.

Bright Pink - 4312
Carmine Rose (exquisite) - 4318
Rose-carmine.
Coral (halo) - 4321
Cerise.
Deep Red (meteoro) - 4322
Deep crimson.
Golden Yellow (golden Dawn) - 4319
Golden yellow.
Lilac (dream) - 4315
Lilac.
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.
Wine - 4387
Wine-red.
Mixture - 4306
A complete mixture of all colors.

CUPCAKES SERIES
30 in. - 3,500 S. A party in your garden! A vibrantly colored smorgasbord of scrumptious flowers. The fully double and semi double, 2 in. blooms burst open into fluffy 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
Cream 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.

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: (28D0) 100 sds - $8.65
200 sds - $15.10 500 sds - $26.65
1,000 sds - $43.60 2,000 sds - $79.80

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 (meteoro) - 4658
Reddish purple.
Golden Orange (golden State) - 4656
Golden orange.
Orange (oriole) - 4657
Orange gold.
Purple (purple Prince) - 4659
Violet-purple.
Salmon Queen (eldorado) - 4666
Salmon-rose.
Scarlet (scarlet Flame) - 4660
Scarlet.
White (polar Bear) - 4661
White.
Mixture - 4654
A mixture of all the above colors.

Each of the above: (10A0) 1/4 oz. - $4.90
1/2 oz. - $9.80 1 oz. - $19.60
2 oz. - $39.20 4 oz. - $78.40

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.

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

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

Each of the above: (25D0) 25 sds - $9.80
50 sds - $17.75 100 sds - $35.50
250 sds - $53.45 500 sds - $90.85

UPROAR ROSE - 4371
30-36 in. - 3,000 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.

Zowie Yellow Flame - 4390
24 in. - 4,000 S. (F-1 Hybrid). All America Winner - 2006). Loaded with eye-catching 3-4 in. semi-double flowers of gold and magenta-orange. Upright habit makes for an ideal home garden cut flower. Weeks to flower: 8-10.

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.

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

New Item this Year
Cut Flower
1st Year Flowering Perennial