

EXCLUSIVE Specialty Cut Flower Plug Promotion

Program # 11
Effective Date: April 12, 2010
F.O.B: Chalfont, PA

- ✂ Over 40 items or tray sizes not available any other time of year
- ✂ 5% discount for any order booked before January 15, 2010
- ✂ 3 sizes to choose from:
 - o 125 cell plugs perfect for planting directly into the field or when smaller quantities apply
 - o 210 cell plugs for the best value
 - o 375 cell trays just for snapdragons
- ✂ 4 select ship dates:
 - o 4/12/10 (week 15)
 - o 4/26/10 (week 17)
 - o 5/10/10 (week 19)
 - o 5/24/10 (week 21)

Item#	Item	Tray Count	Price Each	Price Tray
11-1317-CY	AGERATUM BLUE HORIZON	210	0.216	\$45.30
11-59047-CY	AGERATUM BOUQUET WHITE	210	0.216	\$45.30
11-57568-CY	AGERATUM RED TOP	210	0.216	\$45.30
11-1371-CY	AMMI MAJUS GREEN MIST	210	0.187	\$39.36
11-74195-B	ASCLEPIAS CURASSAVICA SILKY DEEP RED	125	0.406	\$50.71
11-73044-B	ASCLEPIAS PHYSOCARPUS (Balloon Cotton Bush)	125	0.394	\$49.29
11-73044-CY	ASCLEPIAS PHYSOCARPUS (Balloon Cotton Bush)	210	0.240	\$50.40
11-5576-B	ASCLEPIAS TUBEROSA (Bright Orange)	125	0.406	\$50.71
11-53372-CY	ASTER CROWN MIX	210	0.183	\$38.40
11-75580-CY	ASTER DAYLIGHT BLUE FROST	210	0.183	\$38.40
11-71363-CY	ASTER DAYLIGHT MIX	210	0.183	\$38.40
11-1415-CY	ASTER MATSUMOTO BLUE	210	0.183	\$38.40
11-1419-CY	ASTER MATSUMOTO MIX	210	0.183	\$38.40
11-1416-CY	ASTER MATSUMOTO PINK	210	0.183	\$38.40
11-1420-CY	ASTER MATSUMOTO RED	210	0.183	\$38.40
11-54774-CY	ASTER METEOR MIX	210	0.183	\$38.40
11-53375-CY	ASTER POMPLONA MIX	210	0.183	\$38.40
11-68710-B	CAMPANULA HEAVENLY BLUE	125	0.549	\$68.57
11-1517-CY	CAMPANULA MEDIUM CHAMPION BLUE	210	0.280	\$58.80
11-1815-CY	CAMPANULA MEDIUM CHAMPION LAVENDER	210	0.280	\$58.80
11-54773-CY	CAMPANULA MEDIUM CHAMPION PINK	210	0.280	\$58.80
11-1830-B	CARNATION CAN CAN SCARLET	125	0.549	\$68.57
11-57620-CY	CELOSIA BOMBAY FIRE MIX	210	0.309	\$64.80
11-65472-CY	CELOSIA CRAMER'S CRESTED MIX	210	0.187	\$39.36
11-1849-CY	CELOSIA CRAMER'S HI-Z	210	0.187	\$39.36
11-1951-CY	CELOSIA CRISTATA CHIEF MIX	210	0.199	\$41.70
11-57626-CY	CELOSIA CRISTATA KURUME CORONA	210	0.199	\$41.70
11-1864-CY	CELOSIA CRISTATA KURUME MIX	210	0.199	\$41.70
11-57337-CY	CELOSIA CRISTATA KURUME NEW SCARLET	210	0.199	\$41.70
11-1934-CY	CELOSIA PINK CANDLE	210	0.199	\$41.70
11-1963-CY	CELOSIA SPARKLER MIX	210	0.199	\$41.70
11-1887-CY	CENTAUREA CYANUS BOY MIX	210	0.199	\$41.76
11-75593-HAT New	COSMOS NEW CHOCO	103	0.736	\$75.78
11-2196-CY	COSMOS VERSAILLES MIX	210	0.226	\$47.40
11-70732-B	DELPHINIUM AURORA DEEP PURPLE	125	0.514	\$64.29
11-5413-B	DELPHINIUM AURORA LAVENDER	125	0.514	\$64.29
11-5430-B New	DELPHINIUM AURORA MIX	125	0.514	\$64.29
11-74194-B New	DELPHINIUM AURORA WHITE	125	0.514	\$64.29
11-68651-CY	DELPHINIUM BELLADONNA	210	0.216	\$45.36
11-5765-CY	DELPHINIUM BELLAMOSUM	210	0.216	\$45.30



Item#	Item	Tray Count	Price Each	Price Tray
11-5762-CY	DELPHINIUM CLEAR SPRINGS BLUE	210	0.216	\$45.30
11-5768-B	DELPHINIUM CLEAR SPRINGS MIX	125	0.360	\$45.00
11-5768-CY	DELPHINIUM CLEAR SPRINGS MIX	210	0.216	\$45.30
11-53498-CY	DELPHINIUM CLEAR SPRINGS WHITE	210	0.216	\$45.30
11-5761-CY	DELPHINIUM CONNECTICUT YANKEE MIX	210	0.216	\$45.30
11-70825-B	DELPHINIUM GUARDIAN MIX	125	0.514	\$64.29
11-5760-B	DELPHINIUM MAGIC FOUNTAINS MIX	125	0.360	\$45.00
11-5760-CY	DELPHINIUM MAGIC FOUNTAINS MIX	210	0.216	\$45.30
11-76971-B	New DELPHINIUM MISTRAL MIX	125	0.360	\$45.00
11-76971-CY	New DELPHINIUM MISTRAL MIX	210	0.216	\$45.30
11-5771-CY	DELPHINIUM PACIFIC GIANT ASTOLAT (Raspberry Red)	210	0.216	\$45.30
11-5773-CY	DELPHINIUM PACIFIC GIANT BLACK KNIGHT (Midnight Blue w/Black Bee)	210	0.216	\$45.30
11-5772-CY	DELPHINIUM PACIFIC GIANT BLUE BIRD (Clear Blue w/White Bee)	210	0.216	\$45.30
11-5774-CY	DELPHINIUM PACIFIC GIANT BLUE JAY	210	0.216	\$45.30
11-5776-CY	DELPHINIUM PACIFIC GIANT GALAHAD (Clear White)	210	0.216	\$45.30
11-5778-CY	DELPHINIUM PACIFIC GIANT KING ARTHUR (Violet w/White Bee)	210	0.216	\$45.30
11-57652-CY	New DELPHINIUM PACIFIC GIANT PERCIVAL (White w/Dark Blue)	210	0.216	\$45.30
11-5780-CY	DELPHINIUM PACIFIC GIANT SUMMER SKIES (Light Blue)	210	0.216	\$45.30
11-5788-B	DELPHINIUM PACIFIC GIANT MIX	125	0.360	\$45.00
11-5788-CY	DELPHINIUM PACIFIC GIANT MIX	210	0.216	\$45.30
11-5097-CY	DIANTHUS AMAZON NEON PURPLE	210	0.251	\$52.80
11-5098-CY	DIANTHUS AMAZON ROSE MAGIC	210	0.251	\$52.80
11-4649-CY	DIANTHUS BOUQUET PURPLE	210	0.251	\$52.80
11-72565-CY	DIANTHUS BOUQUET ROSE MAGIC	210	0.251	\$52.80
11-68851-CY	DIANTHUS DYNASTY DOUBLE MIX	210	0.251	\$52.80
11-76972-CY	New DIANTHUS FANDANGO CRIMSON	210	0.251	\$52.80
11-69224-CY	DIANTHUS NOVERNA PURPLE	210	0.216	\$45.36
11-5215-CY	DIANTHUS SWEET MIX	210	0.226	\$47.40
11-5216-B	DIGITALIS CAMELOT CREAM	125	0.469	\$58.57
11-5218-B	DIGITALIS CAMELOT LAVENDER	125	0.469	\$58.57
11-5220-B	DIGITALIS CAMELOT ROSE	125	0.469	\$58.57
11-5217-B	DIGITALIS CAMELOT WHITE	125	0.469	\$58.57
11-5221-B	DIGITALIS CAMELOT MIX	125	0.469	\$58.57
11-5916-B	ERYNGIUM BLUE GLITTER	125	0.480	\$60.00
11-74200-B	EUCALYPTUS BOXWOOD	125	0.514	\$64.29
11-5464-B	EUCALYPTUS LEMON BUSH	125	0.571	\$71.43
11-31135-B	EUCALYPTUS SILVERDROP	125	0.429	\$53.57
11-4698-B	FLOWERING KALE CRANE BICOLOR	125	0.320	\$40.00
11-75613-B	FLOWERING KALE CRANE PINK	125	0.320	\$40.00
11-4699-B	FLOWERING KALE CRANE RED	125	0.320	\$40.00
11-4700-B	FLOWERING KALE CRANE WHITE	125	0.320	\$40.00
11-4703-B	FLOWERING KALE SUNRISE	125	0.320	\$40.00
11-4704-B	FLOWERING KALE SUNSET	125	0.320	\$40.00
11-76984-CY	New GOMPHRENA FIREWORKS (Hot Pink w/Yellow Tip)	210	0.389	\$81.60
11-31318-CY	GOMPHRENA LAVENDER LADY	210	0.216	\$45.36
11-2584-CY	GOMPHRENA QIS MIX	210	0.216	\$45.30
11-2580-CY	GOMPHRENA QIS PURPLE	210	0.216	\$45.30
11-2581-CY	GOMPHRENA QIS ROSE	210	0.216	\$45.30
11-2607-CY	GOMPHRENA STRAWBERRY FIELDS	210	0.216	\$45.30
11-64200-CY	HELICHRYSUM MONSTROSUM BRACTEATUM MIX	210	0.226	\$47.40
11-75616-CY	LARKSPUR CANNES CRYSTAL PINK	210	0.234	\$49.20
11-75617-CY	LARKSPUR CANNES DEEP BLUE	210	0.234	\$49.20
11-76988-CY	New LARKSPUR CANNES MIX	210	0.234	\$49.20
11-75618-CY	LARKSPUR CANNES ROSE STRIPE	210	0.234	\$49.20
11-75619-CY	LARKSPUR CHORUS VIOLET	210	0.234	\$49.20
11-4825-CY	LARKSPUR QIS CARMINE	210	0.187	\$39.36
11-4826-CY	LARKSPUR QIS DARK BLUE	210	0.187	\$39.30
11-4828-CY	LARKSPUR QIS LIGHT PINK	210	0.187	\$39.36
11-4831-CY	LARKSPUR QIS MIX	210	0.187	\$39.30
11-4829-CY	LARKSPUR QIS ROSE	210	0.187	\$39.30
11-30317-B	LIATRIS FLORISTAN WHITE	125	0.394	\$49.29
11-6271-CY	LIMONIUM PEREZII	210	0.208	\$43.68
11-59079-CY	LINARIA LACE MIX	210	0.251	\$52.80
11-70588-B	LISIANTHUS DOUBLE ABC 1-2 DEEP ROSE	125	0.389	\$48.57
11-70588-CY	LISIANTHUS DOUBLE ABC 1-2 DEEP ROSE	210	0.263	\$55.20



Item#	Item	Tray Count	Price Each	Price Tray
11-70589-B	LISIANTHUS DOUBLE ABC 1-3 PURPLE	125	0.389	\$48.57
11-70589-CY	LISIANTHUS DOUBLE ABC 1-3 PURPLE	210	0.263	\$55.20
11-73613-B	LISIANTHUS DOUBLE ABC 1-3 WHITE	125	0.389	\$48.57
11-73613-CY	LISIANTHUS DOUBLE ABC 1-3 WHITE	210	0.263	\$55.20
11-70583-B	LISIANTHUS DOUBLE ABC 2 PURPLE	125	0.389	\$48.57
11-70583-CY	LISIANTHUS DOUBLE ABC 2 PURPLE	210	0.263	\$55.20
11-70580-B	LISIANTHUS DOUBLE ABC 2-3 BLUE	125	0.389	\$48.57
11-70580-CY	LISIANTHUS DOUBLE ABC 2-3 BLUE	210	0.263	\$55.20
11-70581-B	LISIANTHUS DOUBLE ABC 2-3 BLUE BLUSH	125	0.389	\$48.57
11-70581-CY	LISIANTHUS DOUBLE ABC 2-3 BLUE BLUSH	210	0.263	\$55.20
11-70582-B	LISIANTHUS DOUBLE ABC 2-3 BLUE RIM	125	0.389	\$48.57
11-70582-CY	LISIANTHUS DOUBLE ABC 2-3 BLUE RIM	210	0.263	\$55.20
11-72560-B	LISIANTHUS DOUBLE ABC 2-3 GREEN	125	0.389	\$48.57
11-72560-CY	LISIANTHUS DOUBLE ABC 2-3 GREEN	210	0.263	\$55.20
11-70585-B	LISIANTHUS DOUBLE ABC 2-3 ROSE	125	0.389	\$48.57
11-70585-CY	LISIANTHUS DOUBLE ABC 2-3 ROSE	210	0.263	\$55.20
11-70591-B	LISIANTHUS DOUBLE ABC 2-4 YELLOW	125	0.389	\$48.57
11-70591-CY	LISIANTHUS DOUBLE ABC 2-4 YELLOW	210	0.263	\$55.20
11-70584-B	LISIANTHUS DOUBLE ABC 3-4 PURPLE	125	0.389	\$48.57
11-70584-CY	LISIANTHUS DOUBLE ABC 3-4 PURPLE	210	0.263	\$55.20
11-70586-B	LISIANTHUS DOUBLE ABC 3-4 ROSE	125	0.389	\$48.57
11-70586-CY	LISIANTHUS DOUBLE ABC 3-4 ROSE	210	0.263	\$55.20
11-70587-B	LISIANTHUS DOUBLE ABC 3-4 WHITE	125	0.389	\$48.57
11-70587-CY	LISIANTHUS DOUBLE ABC 3-4 WHITE	210	0.263	\$55.20
11-76990-B	New LISIANTHUS DOUBLE CINDERELLA LIME	125	0.469	\$58.57
11-76990-CY	New LISIANTHUS DOUBLE CINDERELLA LIME	210	0.360	\$75.60
11-66153-B	LISIANTHUS DOUBLE CINDERELLA MIX	125	0.469	\$58.57
11-66153-CY	LISIANTHUS DOUBLE CINDERELLA MIX	210	0.360	\$75.60
11-5173-B	New LISIANTHUS DOUBLE CINDERELLA PINK	125	0.469	\$58.57
11-5173-CY	New LISIANTHUS DOUBLE CINDERELLA PINK	210	0.360	\$75.60
11-6017-B	LISIANTHUS DOUBLE ECHO BLUE	125	0.389	\$48.57
11-6017-CY	LISIANTHUS DOUBLE ECHO BLUE	210	0.263	\$55.20
11-55847-B	LISIANTHUS DOUBLE ECHO CHAMPAGNE	125	0.389	\$48.57
11-55847-CY	LISIANTHUS DOUBLE ECHO CHAMPAGNE	210	0.263	\$55.20
11-66070-B	LISIANTHUS DOUBLE ECHO LAVENDER	125	0.389	\$48.57
11-66070-CY	LISIANTHUS DOUBLE ECHO LAVENDER	210	0.263	\$55.20
11-6019-B	LISIANTHUS DOUBLE ECHO LILAC ROSE	125	0.389	\$48.57
11-6019-CY	LISIANTHUS DOUBLE ECHO LILAC ROSE	210	0.263	\$55.20
11-6020-B	LISIANTHUS DOUBLE ECHO MIX	125	0.389	\$48.57
11-6020-CY	LISIANTHUS DOUBLE ECHO MIX	210	0.263	\$55.20
11-6020-AZ	LISIANTHUS DOUBLE ECHO MIX	280	0.216	\$60.40
11-6018-B	LISIANTHUS DOUBLE ECHO PINK	125	0.389	\$48.57
11-6018-CY	LISIANTHUS DOUBLE ECHO PINK	210	0.263	\$55.20
11-31097-B	LISIANTHUS DOUBLE ECHO PINK PICOTEE	125	0.389	\$48.57
11-31097-CY	LISIANTHUS DOUBLE ECHO PINK PICOTEE	210	0.263	\$55.20
11-6016-B	LISIANTHUS DOUBLE ECHO WHITE	125	0.389	\$48.57
11-6016-CY	LISIANTHUS DOUBLE ECHO WHITE	210	0.263	\$55.20
11-55855-B	LISIANTHUS DOUBLE MARIACHI BLUE	125	0.469	\$58.57
11-55855-CY	LISIANTHUS DOUBLE MARIACHI BLUE	210	0.360	\$75.60
11-59080-B	LISIANTHUS DOUBLE MARIACHI BLUE PICOTEE	125	0.469	\$58.57
11-59080-CY	LISIANTHUS DOUBLE MARIACHI BLUE PICOTEE	210	0.360	\$75.60
11-74391-B	LISIANTHUS DOUBLE MARIACHI CARMINE	125	0.469	\$58.57
11-74391-CY	LISIANTHUS DOUBLE MARIACHI CARMINE	210	0.360	\$75.60
11-59081-B	LISIANTHUS DOUBLE MARIACHI GRANDE WHITE	125	0.469	\$58.57
11-59081-CY	LISIANTHUS DOUBLE MARIACHI GRANDE WHITE	210	0.360	\$75.60
11-59083-B	LISIANTHUS DOUBLE MARIACHI LAVENDER (ORCHID)	125	0.469	\$58.57
11-59083-CY	LISIANTHUS DOUBLE MARIACHI LAVENDER (ORCHID)	210	0.360	\$75.60
11-55856-B	LISIANTHUS DOUBLE MARIACHI LIME GREEN	125	0.469	\$58.57
11-55856-CY	LISIANTHUS DOUBLE MARIACHI LIME GREEN	210	0.360	\$75.60
11-55857-B	LISIANTHUS DOUBLE MARIACHI MISTY BLUE	125	0.469	\$58.57
11-55857-CY	LISIANTHUS DOUBLE MARIACHI MISTY BLUE	210	0.360	\$75.60
11-55858-B	LISIANTHUS DOUBLE MARIACHI MISTY PINK	125	0.469	\$58.57
11-55858-CY	LISIANTHUS DOUBLE MARIACHI MISTY PINK	210	0.360	\$75.60
11-57520-B	LISIANTHUS DOUBLE MARIACHI MIX	125	0.469	\$58.57
11-57520-CY	LISIANTHUS DOUBLE MARIACHI MIX	210	0.360	\$75.60



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11-57520-AZ	LISIANTHUS DOUBLE MARIACHI MIX	280	0.263	\$73.60
11-55859-B	LISIANTHUS DOUBLE MARIACHI PINK	125	0.469	\$58.57
11-55859-CY	LISIANTHUS DOUBLE MARIACHI PINK	210	0.360	\$75.60
11-59084-B	LISIANTHUS DOUBLE MARIACHI PINK PICOTEE	125	0.469	\$58.57
11-59084-CY	LISIANTHUS DOUBLE MARIACHI PINK PICOTEE	210	0.360	\$75.60
11-55860-B	LISIANTHUS DOUBLE MARIACHI PURE WHITE	125	0.469	\$58.57
11-55860-CY	LISIANTHUS DOUBLE MARIACHI PURE WHITE	210	0.360	\$75.60
11-57346-B	LISIANTHUS DOUBLE MARIACHI YELLOW	125	0.469	\$58.57
11-57346-CY	LISIANTHUS DOUBLE MARIACHI YELLOW	210	0.360	\$75.60
11-77667-B	New LISIANTHUS EXCALIPER BLUE PICOTEE (SUB FOR ECHO BLUE PICOTEE)	125	0.503	\$62.86
11-77667-CY	New LISIANTHUS EXCALIPER BLUE PICOTEE (SUB FOR ECHO BLUE PICOTEE)	210	0.394	\$82.80
11-70599-B	LISIANTHUS SINGLE LAGUNA 2 PURPLE	125	0.389	\$48.57
11-70599-CY	LISIANTHUS SINGLE LAGUNA 2 PURPLE	210	0.263	\$55.20
11-70595-B	LISIANTHUS SINGLE LAGUNA 2-3 BUTTERCREAM BLUSH	125	0.389	\$48.57
11-70595-CY	LISIANTHUS SINGLE LAGUNA 2-3 BUTTERCREAM BLUSH	210	0.263	\$55.20
11-70597-B	LISIANTHUS SINGLE LAGUNA 2-3 IVORY	125	0.389	\$48.57
11-70597-CY	LISIANTHUS SINGLE LAGUNA 2-3 IVORY	210	0.263	\$55.20
11-70600-B	LISIANTHUS SINGLE LAGUNA 2-3 ROSE RIM	125	0.389	\$48.57
11-70600-CY	LISIANTHUS SINGLE LAGUNA 2-3 ROSE RIM	210	0.263	\$55.20
11-70593-B	LISIANTHUS SINGLE LAGUNA 2-4 GREEN	125	0.389	\$48.57
11-70593-CY	LISIANTHUS SINGLE LAGUNA 2-4 GREEN	210	0.263	\$55.20
11-70594-B	LISIANTHUS SINGLE LAGUNA 2-4 YELLOW	125	0.389	\$48.57
11-70594-CY	LISIANTHUS SINGLE LAGUNA 2-4 YELLOW	210	0.263	\$55.20
11-62356-B	LISIANTHUS SINGLE LAGUNA 3-4 BLUE BLUSH	125	0.389	\$48.57
11-62356-CY	LISIANTHUS SINGLE LAGUNA 3-4 BLUE BLUSH	210	0.263	\$55.20
11-70592-B	LISIANTHUS SINGLE LAGUNA 3-4 BLUE RIM	125	0.389	\$48.57
11-70592-CY	LISIANTHUS SINGLE LAGUNA 3-4 BLUE RIM	210	0.263	\$55.20
11-68964-B	LISIANTHUS SINGLE LAGUNA 3-4 PEACH	125	0.389	\$48.57
11-68964-CY	LISIANTHUS SINGLE LAGUNA 3-4 PEACH	210	0.263	\$55.20
11-57705-B	LISIANTHUS SINGLE LAGUNA 4 DEEP BLUE	125	0.389	\$48.57
11-57705-CY	LISIANTHUS SINGLE LAGUNA 4 DEEP BLUE	210	0.263	\$55.20
11-57706-B	LISIANTHUS SINGLE LAGUNA 4 DEEP ROSE	125	0.389	\$48.57
11-57706-CY	LISIANTHUS SINGLE LAGUNA 4 DEEP ROSE	210	0.263	\$55.20
11-66158-B	LISIANTHUS SINGLE TWINKLE MIX	125	0.469	\$58.57
11-66158-CY	LISIANTHUS SINGLE TWINKLE MIX	210	0.360	\$75.60
11-1711-CY	MOLUCELLA BELLS OF IRELAND	210	0.187	\$39.36
11-75630-B	MONARDA X HYBRIDA BERGAMO	125	0.389	\$48.57
11-1978-CY	ORNAMENTAL PEPPER BLACK PEARL	210	0.309	\$64.80
11-1969-CY	ORNAMENTAL PEPPER CONIC WHITE-RED	210	0.377	\$79.20
11-1970-CY	ORNAMENTAL PEPPER ROUND RED	210	0.377	\$79.20
11-1971-CY	ORNAMENTAL PEPPER TOPFRUIT RED	210	0.377	\$79.20
11-3068-CY	PENTAS BUTTERFLY DEEP ROSE	210	0.360	\$75.60
11-4559-B	PUMPKIN ON A STICK	125	0.406	\$50.71
11-76047-B	New RUDBECKIA DENVER DAISY	125	0.383	\$47.86
11-30972-B	RUDBECKIA GLORIOSA DOUBLE	125	0.377	\$47.14
11-3676-B	RUDBECKIA HIRTA AUTUMN COLORS (Deep Reds,Browns,Yellows)	125	0.377	\$47.14
11-3178-B	RUDBECKIA HIRTA CHEROKEE SUNSET	125	0.377	\$47.14
11-3628-B	New RUDBECKIA HIRTA CHERRY BRANDY	125	0.389	\$48.57
11-3707-B	RUDBECKIA HIRTA INDIAN SUMMER (Large Golden Yellow)	125	0.377	\$47.14
11-3684-B	RUDBECKIA HIRTA MAYA (Double Yellow)	125	0.383	\$47.86
11-3682-B	RUDBECKIA HIRTA PRAIRIE SUN (Gold / Lemon Yellow Bicolor)	125	0.383	\$47.86
11-3703-B	RUDBECKIA HIRTA SONORA (Yellow w/Mahogany Center)	125	0.377	\$47.14
11-3635-B	New RUDBECKIA HIRTA TIGER EYE GOLD (Golden Yellow)	125	0.434	\$54.29
11-3765-CY	SALVIA FARINACEA BLUE BEDDER	210	0.216	\$45.30
11-65490-CY	SCABIOSA ATROPURPUREA QIS MIX	210	0.187	\$39.36
11-6238-B	SCABIOSA CAUCASICA FAMA PINCUSHION FLOWER	125	0.514	\$64.29
11-55918-B	SCABIOSA IMPERIAL GIANT MIX	125	0.514	\$64.29
11-62436-CY	New SNAPDRAGON GH FORCING ALLURE PINK (GROUP 3,4)	210	0.216	\$45.30
11-62436-CZ	New SNAPDRAGON GH FORCING ALLURE PINK (GROUP 3,4)	375	0.129	\$48.21
11-62439-CY	New SNAPDRAGON GH FORCING ATTRACTION PINK (GROUP 3,4)	210	0.216	\$45.30
11-62439-CZ	New SNAPDRAGON GH FORCING ATTRACTION PINK (GROUP 3,4)	375	0.129	\$48.21
11-62442-CY	New SNAPDRAGON GH FORCING BALI ROSE (GROUP 3,4)	210	0.216	\$45.30
11-62442-CZ	New SNAPDRAGON GH FORCING BALI ROSE (GROUP 3,4)	375	0.129	\$48.21
11-66083-CY	New SNAPDRAGON GH FORCING COOL WHITE (GROUP 1-2)	210	0.216	\$45.30
11-66083-CZ	New SNAPDRAGON GH FORCING COOL WHITE (GROUP 1-2)	375	0.129	\$48.21



Item#	Item	Tray Count	Price Each	Price Tray
11-62008-CY	New SNAPDRAGON GH FORCING MARYLAND APPLEBLOSSOM (GROUP 1,2)	210	0.216	\$45.30
11-62008-CZ	New SNAPDRAGON GH FORCING MARYLAND APPLEBLOSSOM (GROUP 1,2)	375	0.129	\$48.21
11-62009-CY	New SNAPDRAGON GH FORCING MARYLAND BRIGHT YELLOW (GROUP 2)	210	0.216	\$45.30
11-62009-CZ	New SNAPDRAGON GH FORCING MARYLAND BRIGHT YELLOW (GROUP 2)	375	0.129	\$48.21
11-62010-CY	New SNAPDRAGON GH FORCING MARYLAND DARK ORANGE (GROUP 2)	210	0.216	\$45.30
11-62010-CZ	New SNAPDRAGON GH FORCING MARYLAND DARK ORANGE (GROUP 2)	375	0.129	\$48.21
11-62451-CY	New SNAPDRAGON GH FORCING MARYLAND DARK RED (GROUP 1,2)	210	0.216	\$45.30
11-62451-CZ	New SNAPDRAGON GH FORCING MARYLAND DARK RED (GROUP 1,2)	375	0.129	\$48.21
11-62011-CY	New SNAPDRAGON GH FORCING MARYLAND FLAME (GROUP 1,2)	210	0.216	\$45.30
11-62011-CZ	New SNAPDRAGON GH FORCING MARYLAND FLAME (GROUP 1,2)	375	0.129	\$48.21
11-62012-CY	New SNAPDRAGON GH FORCING MARYLAND FLAMINGO (GROUP 2)	210	0.216	\$45.30
11-62012-CZ	New SNAPDRAGON GH FORCING MARYLAND FLAMINGO (GROUP 2)	375	0.129	\$48.21
11-62014-CY	New SNAPDRAGON GH FORCING MARYLAND LAVENDER (GROUP 1,2)	210	0.216	\$45.30
11-62014-CZ	New SNAPDRAGON GH FORCING MARYLAND LAVENDER (GROUP 1,2)	375	0.129	\$48.21
11-62450-CY	New SNAPDRAGON GH FORCING MARYLAND PLUM BLOSSOM (GROUP 1,2)	210	0.216	\$45.30
11-62450-CZ	New SNAPDRAGON GH FORCING MARYLAND PLUM BLOSSOM (GROUP 1,2)	375	0.129	\$48.21
11-62018-CY	New SNAPDRAGON GH FORCING MARYLAND ROYAL (GROUP 1,2)	210	0.216	\$45.30
11-62018-CZ	New SNAPDRAGON GH FORCING MARYLAND ROYAL (GROUP 1,2)	375	0.129	\$48.21
11-75685-CY	New SNAPDRAGON GH FORCING MARYLAND TRUE PINK (GROUP 1,2)	210	0.216	\$45.30
11-75685-CZ	New SNAPDRAGON GH FORCING MARYLAND TRUE PINK (GROUP 1,2)	375	0.129	\$48.21
11-62022-CY	New SNAPDRAGON GH FORCING MARYLAND WHITE (GROUP 2)	210	0.216	\$45.30
11-62022-CZ	New SNAPDRAGON GH FORCING MARYLAND WHITE (GROUP 2)	375	0.129	\$48.21
11-3924-CY	New SNAPDRAGON GH FORCING OPUS BRIGHT RED (3&4)	210	0.216	\$45.30
11-3924-CZ	New SNAPDRAGON GH FORCING OPUS BRIGHT RED (3&4)	375	0.129	\$48.21
11-68811-CY	New SNAPDRAGON GH FORCING OPUS EARLY BRONZE (GROUP 3,4)	210	0.216	\$45.30
11-68811-CZ	New SNAPDRAGON GH FORCING OPUS EARLY BRONZE (GROUP 3,4)	375	0.129	\$48.21
11-66187-CY	New SNAPDRAGON GH FORCING OPUS PINK (3-4)	210	0.216	\$45.30
11-66187-CZ	New SNAPDRAGON GH FORCING OPUS PINK (3-4)	375	0.129	\$48.21
11-68812-CY	New SNAPDRAGON GH FORCING OPUS PLUM BLOSSOM (GROUP 3,4)	210	0.216	\$45.30
11-68812-CZ	New SNAPDRAGON GH FORCING OPUS PLUM BLOSSOM (GROUP 3,4)	375	0.129	\$48.21
11-71006-CY	New SNAPDRAGON GH FORCING OPUS ROSE (3&4)	210	0.216	\$45.30
11-71006-CZ	New SNAPDRAGON GH FORCING OPUS ROSE (3&4)	375	0.129	\$48.21
11-66181-CY	New SNAPDRAGON GH FORCING OPUS WHITE (3-4)	210	0.216	\$45.30
11-66181-CZ	New SNAPDRAGON GH FORCING OPUS WHITE (3-4)	375	0.129	\$48.21
11-66185-CY	New SNAPDRAGON GH FORCING OPUS YELLOW (3-4)	210	0.216	\$45.30
11-66185-CZ	New SNAPDRAGON GH FORCING OPUS YELLOW (3-4)	375	0.129	\$48.21
11-68818-CY	New SNAPDRAGON GH FORCING OVERTURE MAGENTA (GROUP 2)	210	0.216	\$45.30
11-68818-CZ	New SNAPDRAGON GH FORCING OVERTURE MAGENTA (GROUP 2)	375	0.129	\$48.21
11-66194-CY	New SNAPDRAGON GH FORCING OVERTURE RED (1-2)	210	0.216	\$45.30
11-66194-CZ	New SNAPDRAGON GH FORCING OVERTURE RED (1-2)	375	0.129	\$48.21
11-75717-CY	New SNAPDRAGON GH FORCING OVERTURE ROSE	210	0.216	\$45.30
11-75717-CZ	New SNAPDRAGON GH FORCING OVERTURE ROSE	375	0.129	\$48.21
11-66182-CY	New SNAPDRAGON GH FORCING OVERTURE WHITE (1-2)	210	0.216	\$45.30
11-66182-CZ	New SNAPDRAGON GH FORCING OVERTURE WHITE (1-2)	375	0.129	\$48.21
11-66186-CY	New SNAPDRAGON GH FORCING OVERTURE YELLOW (1-2)	210	0.216	\$45.30
11-66186-CZ	New SNAPDRAGON GH FORCING OVERTURE YELLOW (1-2)	375	0.129	\$48.21
11-62032-CY	New SNAPDRAGON GH FORCING POTOMAC APPLEBLOSSOM (GROUP 3,4)	210	0.216	\$45.30
11-62032-CZ	New SNAPDRAGON GH FORCING POTOMAC APPLEBLOSSOM (GROUP 3,4)	375	0.129	\$48.21
11-3963-CY	New SNAPDRAGON GH FORCING POTOMAC IVORY WHITE (GROUP 3,4)	210	0.216	\$45.30
11-3963-CZ	New SNAPDRAGON GH FORCING POTOMAC IVORY WHITE (GROUP 3,4)	375	0.129	\$48.21
11-62039-CY	New SNAPDRAGON GH FORCING POTOMAC ORANGE (GROUP 3,4)	210	0.216	\$45.30
11-62039-CZ	New SNAPDRAGON GH FORCING POTOMAC ORANGE (GROUP 3,4)	375	0.129	\$48.21
11-62040-CY	New SNAPDRAGON GH FORCING POTOMAC PINK (GROUP 3,4)	210	0.216	\$45.30
11-62040-CZ	New SNAPDRAGON GH FORCING POTOMAC PINK (GROUP 3,4)	375	0.129	\$48.21
11-62042-CY	New SNAPDRAGON GH FORCING POTOMAC RED (GROUP 4)	210	0.216	\$45.30
11-62042-CZ	New SNAPDRAGON GH FORCING POTOMAC RED (GROUP 4)	375	0.129	\$48.21
11-62043-CY	New SNAPDRAGON GH FORCING POTOMAC ROSE (GROUP 3,4)	210	0.216	\$45.30
11-62043-CZ	New SNAPDRAGON GH FORCING POTOMAC ROSE (GROUP 3,4)	375	0.129	\$48.21
11-62044-CY	New SNAPDRAGON GH FORCING POTOMAC ROYAL (GROUP 3,4)	210	0.216	\$45.30
11-62044-CZ	New SNAPDRAGON GH FORCING POTOMAC ROYAL (GROUP 3,4)	375	0.129	\$48.21
11-62049-CY	New SNAPDRAGON GH FORCING POTOMAC YELLOW (GROUP 3,4)	210	0.216	\$45.30
11-62049-CZ	New SNAPDRAGON GH FORCING POTOMAC YELLOW (GROUP 3,4)	375	0.129	\$48.21
11-62455-CY	New SNAPDRAGON GH FORCING PREMIER WHITE (GROUP 1)	210	0.216	\$45.30
11-62455-CZ	New SNAPDRAGON GH FORCING PREMIER WHITE (GROUP 1)	375	0.129	\$48.21
11-62197-CY	SNAPDRAGON LIBERTY CLASSIC MIX	210	0.199	\$41.70



Item#	Item	Tray Count	Price Each	Price Tray
11-62197-CZ	SNAPDRAGON LIBERTY CLASSIC MIX	375	0.111	\$41.79
11-3829-CY	SNAPDRAGON ROCKET CHERRY	210	0.199	\$41.70
11-3829-CZ	SNAPDRAGON ROCKET CHERRY	375	0.111	\$41.79
11-3833-CY	SNAPDRAGON ROCKET FORMULA MIX	210	0.199	\$41.70
11-3833-CZ	SNAPDRAGON ROCKET FORMULA MIX	375	0.111	\$41.79
11-3830-CY	SNAPDRAGON ROCKET LEMON	210	0.199	\$41.70
11-3830-CZ	SNAPDRAGON ROCKET LEMON	375	0.111	\$41.79
11-3823-CY	SNAPDRAGON ROCKET PINK	210	0.199	\$41.70
11-3823-CZ	SNAPDRAGON ROCKET PINK	375	0.111	\$41.79
11-3821-CY	SNAPDRAGON ROCKET RED	210	0.199	\$41.70
11-3821-CZ	SNAPDRAGON ROCKET RED	375	0.111	\$41.79
11-3822-CY	SNAPDRAGON ROCKET ROSE SHADES	210	0.199	\$41.70
11-3822-CZ	SNAPDRAGON ROCKET ROSE SHADES	375	0.111	\$41.79
11-3826-CY	SNAPDRAGON ROCKET WHITE	210	0.199	\$41.70
11-3826-CZ	SNAPDRAGON ROCKET WHITE	375	0.111	\$41.79
11-6722-B	SNAPDRAGON SPRING GIANTS BRONZE	125	0.309	\$38.57
11-67213-B	SNAPDRAGON SPRING GIANTS CRIMSON	125	0.309	\$38.57
11-3863-B	SNAPDRAGON SPRING GIANTS MIX	125	0.309	\$38.57
11-3863-CY	SNAPDRAGON SPRING GIANTS MIX	210	0.187	\$39.36
11-67214-B	SNAPDRAGON SPRING GIANTS ORCHID	125	0.309	\$38.57
11-4521-B	New SNAPDRAGON SPRING GIANTS PINK	125	0.309	\$38.57
11-4522-B	New SNAPDRAGON SPRING GIANTS WHITE	125	0.309	\$38.57
11-67215-B	SNAPDRAGON SPRING GIANTS YELLOW	125	0.309	\$38.57
11-4796-CY	STATICE FORTRESS MIX	210	0.199	\$41.70
11-53405-CY	STATICE QIS LAVENDER	210	0.199	\$41.70
11-4064-CY	STATICE QIS MIX	210	0.199	\$41.70
11-53406-CY	STATICE QIS PALE BLUE	210	0.199	\$41.70
11-4061-CY	STATICE QIS ROSE	210	0.199	\$41.70
11-4062-CY	STATICE QIS WHITE	210	0.199	\$41.70
11-4063-CY	STATICE QIS YELLOW	210	0.199	\$41.70
11-73634-B	TALINUM PANICULATUM LIMON	125	0.514	\$64.29
11-71011-B	TRACHELIUM LAKE MICHIGAN MIX	125	0.514	\$64.29
11-6322-B	VERBENA BONARIENSIS	125	0.429	\$53.57
11-6322-CY	VERBENA BONARIENSIS	210	0.280	\$58.80
11-57532-CY	ZINNIA BENARY GIANT MIX	210	0.216	\$45.30
11-4869-CY	ZINNIA OKLAHOMA MIX	210	0.216	\$45.30
11-57830-CY	ZINNIA SUN CHERRY	210	0.280	\$58.80
11-4223-CY	ZINNIA SUN GOLD	210	0.280	\$58.80
11-4234-CY	ZINNIA SUN RED	210	0.280	\$58.80
11-65489-CY	ZINNIA SUNSHINE MIX	210	0.280	\$58.80
11-4235-CY	ZINNIA SWIZZLE CHERRY & IVORY	210	0.291	\$61.20
11-4237-CY	ZINNIA SWIZZLE SCARLET & YELLOW	210	0.291	\$61.20
11-4371-CY	ZINNIA UPROAR ROSE	210	0.291	\$61.20
11-4390-CY	ZINNIA ZOWIE YELLOW FLAME	210	0.291	\$61.20

Ship Dates: 4/12/10, 4/26/10, 5/10/10, 5/24/10
 (Cosmos Choco will only be available for the April ship dates)

Tray Sizes: 128/tr sold as 125 plugs; 218/tr sold as 210 plugs; 384/tr sold as 375 plugs
 (Cosmos Choco available in a 105/tr size sold as 103 plugs)
 Plugs are offered in the best size suited for a particular variety. Some of the most popular varieties are offered in both sizes.

Packing & Minimum Order Information: 375/tr are packed 4 trays/box. 210/tr, 125/tr and 103/tr sizes are packed 3 trays per box.
 Minimum order is 1 box.
 Orders under \$300 are welcome, but are subject to a \$19.75 processing fee.

Lead Time: Average lead time is 8-9 weeks depending on plug size and variety. Crop time for Lisianthus is 12 weeks. Orders must be placed by noon on Wednesday to be sown the following week.

Freight Charges: Freight charges will be added to the invoice.

Ship Methods: FedEx, UPS, LTL truck and customer pick-up

F.O.B. Chalfont, PA

Discounts: 5% Early Order Discount for any order booked by January 15, 2010.
 Additional 5% discount for all orders of 12 trays or more.
 Please call for a quote on 48 trays or more.

Claims: Must be reported to Germania Seed Company within 48 hours after receiving plants. Photos are requested to aid in assessing claims when possible.

Cancellations: Please, cancellations cannot be accepted once production has begun.



Program # 26
 Effective Date: February 1, 2010
 F.O.B: Litchfield, MI

SMALL CELL LISIANTHUS PLUGS

- ☞ Our most popular choice for cut flower growers lisianthus production
- ☞ All prices include freight charges
- ☞ Website offering REAL TIME AVAILABILITY and up to date shipping status.
- ☞ Flexible packaging means no requirement to fill a box
- ☞ 10% discount for orders booked 12 weeks prior to ship date

Item#	Item	Tray Count	Price Each	Price Tray
26-6017-BX	LISANTHUS DOUBLE ECHO BLUE	285	0.237	\$67.67
26-31098-BX	LISANTHUS DOUBLE ECHO BLUE PICOTEE	285	0.237	\$67.67
26-55847-BX	NEW LISANTHUS DOUBLE ECHO CHAMPAGNE	285	0.237	\$67.67
26-66070-BX	LISANTHUS DOUBLE ECHO LAVENDER	285	0.237	\$67.67
26-6018-BX	LISANTHUS DOUBLE ECHO PINK	285	0.237	\$67.67
26-31097-BX	LISANTHUS DOUBLE ECHO PINK PICOTEE	285	0.237	\$67.67
26-6016-BX	LISANTHUS DOUBLE ECHO WHITE	285	0.237	\$67.67
26-53304-BX	LISANTHUS DOUBLE ECHO YELLOW	285	0.237	\$67.67
26-55855-BX	LISANTHUS DOUBLE MARIACHI BLUE	285	0.263	\$74.96
26-59080-BX	LISANTHUS DOUBLE MARIACHI BLUE PICOTEE	285	0.263	\$74.96
26-74391-BX	NEW LISANTHUS DOUBLE MARIACHI CARMINE	285	0.263	\$74.96
26-59081-BX	NEW LISANTHUS DOUBLE MARIACHI GRANDE WHITE	285	0.263	\$74.96
26-59082-BX	LISANTHUS DOUBLE MARIACHI LILAC PICOTEE	285	0.263	\$74.96
26-55856-BX	LISANTHUS DOUBLE MARIACHI LIME GREEN	285	0.263	\$74.96
26-55857-BX	LISANTHUS DOUBLE MARIACHI MISTY BLUE	285	0.263	\$74.96
26-55858-BX	LISANTHUS DOUBLE MARIACHI MISTY PINK	285	0.263	\$74.96
26-55859-BX	LISANTHUS DOUBLE MARIACHI PINK	285	0.263	\$74.96
26-59084-BX	LISANTHUS DOUBLE MARIACHI PINK PICOTEE	285	0.263	\$74.96
26-55860-BX	LISANTHUS DOUBLE MARIACHI PURE WHITE	285	0.263	\$74.96
26-57346-BX	LISANTHUS DOUBLE MARIACHI YELLOW	285	0.263	\$74.96
26-70590-BX	LISANTHUS DOUBLE ABC 1 ROSE RIM	285	0.237	\$67.67
26-70588-BX	LISANTHUS DOUBLE ABC 1-2 DEEP ROSE	285	0.237	\$67.67
26-70589-BX	LISANTHUS DOUBLE ABC 1-3 PURPLE	285	0.237	\$67.67
26-73613-BX	LISANTHUS DOUBLE ABC 1-3 WHITE	285	0.237	\$67.67
26-70583-BX	LISANTHUS DOUBLE ABC 2 PURPLE	285	0.237	\$67.67
26-70580-BX	LISANTHUS DOUBLE ABC 2-3 BLUE	285	0.237	\$67.67
26-70581-BX	LISANTHUS DOUBLE ABC 2-3 BLUE BLUSH	285	0.237	\$67.67
26-70582-BX	LISANTHUS DOUBLE ABC 2-3 BLUE RIM	285	0.237	\$67.67
26-72560-BX	LISANTHUS DOUBLE ABC 2-3 GREEN	285	0.237	\$67.67
26-73614-BX	LISANTHUS DOUBLE ABC 2-3 LAVENDER	285	0.237	\$67.67
26-70585-BX	LISANTHUS DOUBLE ABC 2-3 ROSE	285	0.237	\$67.67
26-70591-BX	LISANTHUS DOUBLE ABC 2-4 YELLOW	285	0.237	\$67.67
26-70584-BX	LISANTHUS DOUBLE ABC 3-4 PURPLE	285	0.237	\$67.67
26-70586-BX	LISANTHUS DOUBLE ABC 3-4 ROSE	285	0.237	\$67.67
26-70587-BX	LISANTHUS DOUBLE ABC 3-4 WHITE	285	0.237	\$67.67

Shipping Season: Year round.
 Packing & Minimum: 1 -8 trays of any crop are packed per box. Flexible packaging means no requirement to fill the box. No minimum order requirement. However, orders under \$300.00 will be subject to a \$19.75 processing fee.
 Lead Time: 6 weeks
 Freight Charges: Included in the price of the plants for all shipments made in the continental U.S. Orders to Alaska, Hawaii and Canada will be quoted at F.O.B. pricing with freight and other charges added at time of invoicing.
 Ship Methods: FedEx, UPS, Grower Truck (50 trays +) or Customer Pick-up
 F.O.B. Delivered (Point of origin is Litchfield, MI)
 Discounts: 10% Early Order Discount for all orders placed 12 weeks in advance of ship date. Volume discounts are available for all orders of 16 trays or more. Annual volume discounts are cumulative. Any individual ship date for 15 trays or less will be billed at volume I prices regardless of your accumulated volume level. Please call Germania Seed Company for a quote.
 Claims: Must be reported to Germania Seed Company within 48 hours after receiving plants. Photos are requested to aid in assessing claims when possible. Customers that utilize the FedEx Signature Release Authorization, or waive the requirement to sign for packages via UPS, impair our ability to resolve shipping claims and may limit our liability for any resulting losses.
 Cancellations: Cancellations of listed items can only be honored without charge if production has not been started. There is a 20% restocking fee for any item cancelled after production has started.
 All items in this program can be combined with Raker perennials, mums, annuals and poinsettias to meet minimums and count towards the annual volume discount level.



Program # 87
 Effective Date: November 2, 2009 – June 14, 2010
 F.O.B: Hudsonville, MI

KARMA DAHLIAS

- ☞ #1 Cut flower dahlia on the market
- ☞ All liners grown from tissue cultured stock to insure disease free plants
- ☞ This series was developed specifically for the cut flower market. Karma dahlias have incredibly strong stems and brilliant, iridescent colors. The plants are highly productive with uniform stems and a long flowering period. Blooms are 4-5 inches in diameter and are upright facing. Choose from 17 eye catching colors that will be sure to attract your customer's attention.
- ☞ Versatile Karma Dahlias can be grown in the field, in cold frames, or in greenhouses. After planting, pinch and leave 3-4 sets of leaves, which will give 4-6 breaks. Dahlia beds should be approximately 3 feet wide with an 18 inch walkway between beds. Stems can be harvested 7-9 weeks after pinch. Always cut just above the node. Stem length can vary from 12"-20". The stems can be cut when the flowers show color and are halfway (or less) open. Stems must be put in water with a post harvest additive. This treatment delays leaf yellowing in the vase and keeps better flower quality. Cut flowers should be stored at a post harvest temperature of 40-42 degrees F. Expect 6-8 stems per square foot in the field, 10-13 stems per square foot in cold frames and 12-15 stems per square foot in a heated greenhouse.

Item#	Item	Tray Count	Price Each	Price Tray
87-60873-O	DAHLIA KARMA AMANDA (Rose w/Cream Petal Base) (Patented)	72	1.067	\$76.86
87-65359-O	DAHLIA KARMA BON BINI (Red Tip w/Yellow Center) (Patented)	72	1.067	\$76.86
87-76114-O	DAHLIA KARMA CHOC (Burgundy Black) (Patented)	72	1.067	\$76.86
87-65360-O	DAHLIA KARMA CORONA (Golden Apricot) (Patented)	72	1.067	\$76.86
87-73056-O	DAHLIA KARMA CORONA PINK (Bright Pink) (Patented)	72	1.067	\$76.86
87-73057-O	DAHLIA KARMA CORONA RED (Bright Red) (Patented)	72	1.067	\$76.86
87-77665-O	New DAHLIA KARMA FIESTA (Bright Orange w/Yellow base)	72	1.067	\$76.86
87-71453-O	DAHLIA KARMA IRENE (Brilliant Orange-Red) (Patented)	72	1.067	\$76.86
87-61403-O	DAHLIA KARMA LAGOON (Amethyst Blue) (Patented)	72	1.067	\$76.86
87-74858-O	DAHLIA KARMA MAARTIN DE ZWAAN (White) (Patented)	72	1.067	\$76.86
87-60875-O	DAHLIA KARMA NAOMI (Dark Red) (Patented)	72	1.067	\$76.86
87-69659-O	DAHLIA KARMA PROSPERO (Bi-Color Pink) (Patented)	72	1.067	\$76.86
87-76115-O	DAHLIA KARMA ROYAL (Dark Red) (Patented)	72	1.067	\$76.86
87-60876-O	DAHLIA KARMA SANGRIA (Pink W/Yellow Petal Base) (Patented)	72	1.067	\$76.86
87-60877-O	DAHLIA KARMA SERENA (White) (Patented)	72	1.067	\$76.86
87-60878-O	DAHLIA KARMA THALIA (Fuchsia) (Patented)	72	1.067	\$76.86
87-67493-O	DAHLIA KARMA VENTURA (Yellow) (Patented)	72	1.067	\$76.86
87-73058-O	DAHLIA KARMA YING YANG (Bi-Color Red/White) (Patented)	72	1.067	\$76.86

Shipping Season: November 2, 2009 – June 14, 2010

Packing & Minimums: Rooted cuttings: 4 trays of 72 (288 plants), 1 tray per variety. Boxes hold 8 trays. For most economical freight, order in multiples of 8.

Order Information: Orders under \$300 are welcome, but are subject to a \$19.75 processing fee.

Lead Time: Minimum of 8 weeks subject to stock availability. Orders received before December have the best chance for complete fulfillment.

Freight Charges: Freight charges will be added to the invoice

Ship Methods: FedEx, Air Freight from Detroit Metro, Customer Pick-up

F.O.B. Hudsonville, MI

Box/Other Charges: Included in the price of the plants

Patents & Royalties: All plants are patented. Royalty charges are included in the price of the plants. Propagation is prohibited.

Tags: Tags are not available.

Discounts: 5% Early Order Discount available for all orders placed 12 weeks in advance of ship date.
 5% Volume Discount available for all orders of 16 -70 trays.

*** unrooted cuttings are available, with a minimum order of 2,400 cuttings per ship date and 300 cuttings per variety. the price per cutting is \$.687

The Karma Cut Flower Dahlia

Order Information – Bosgraaf Greenhouse, Inc. 2009-2010

Karma dahlias are available as a 72 cell liner or as an unrooted cutting.

Minimum order: 4 trays of 72 or 288 total plants. (8 trays of 576 total plants = 1 full box.)
 Box size: 21" X 21" X 21" – holds 8 individually boxed trays.
 Box weight: 30-35 lb (6-8 trays)
 Availability: November 2, 2009 – June 14, 2010
 Lead time: 8 weeks – Late orders Dec.-May subject to availability of cuttings.
 Shipped: FOB Hudsonville, Michigan
 Royalty: Included in the price on each stem cut for 1 season.

Soil

The soil must not be too rich or organic based. A heavy or clay based soil is not recommended.

Planting & Pinching

1. Plant January 1 through March 31 in a heated greenhouse, or outside after danger of frost is past.
2. After planting, pinch and leave 3-4 sets of leaves which will give 4-6 breaks.
3. Plant 9 plants per 1 square meter, staggering 3 X 3 X 3.
4. Dahlia beds should be approximately 3 feet wide with an 18" walkway between beds.
5. Many growers use netting for plant support and a fence for a wind-break.
6. Drip irrigation can be used very effectively.

Growing and Harvesting Suggestions

1. Many growers stagger initial pinching to give a continual harvest.
2. Stems can be harvested 7-9 weeks after pinch. Always cut just above the node.
3. Stem length can vary from 12" – 20".
4. The stem can be cut when the flower shows color and is halfway (or less) open.
5. Stems must be put in water with a post harvest additive. This treatment delays leaf yellowing in the vase and keeps better flower quality.
6. Cut flowers should be stored at a post harvest temperature of 40-42 degrees F.

Stem Production

1. Greenhouse: a minimum of 160 stems can be harvested per square meter.
2. Cool house: about 110-140 stems per square meter can be harvested.
3. Outside: approximately 80-100 stems per square meter.
4. Stock plants gradually lose production numbers and should be replaced with new tissue cultured cuttings.

Fertilization and Watering

1. As the plant grows and adds foliage, water more frequently.
2. A balanced fertilizer seems to be a good approach: 15-15-15 or 20-20-20 (150-200 ppm).
3. The pH of the soil is best maintained at about 6.5. Please no bark.

Pest & Disease Prevention

1. Thrip, whitefly and aphid can be controlled with Avid, Talstar, Safari, Orthene and Tame.
2. Pythium root rot – watch overwatering and drainage.
3. Botrytis and powdery mildew – Zyban, Strike, Heritage and Compass.

Light Levels and Photoperiod

1. Grow Karma with higher light levels at cooler times of the year. Some shading is required for inside production during higher temperature periods.
2. **Dahlias require 14 hours of daylight for vegetative growth. Extend with mum lighting.**

Tips for Growing Dahlias – 2010

1. All dahlias need 14 hours of day length to grow and stay vegetative.
 - Growers must extend the day with mum lighting to 14 hours.
 - Failure to do so causes dahlias to form tubers, flower profusely and shut down growth and become dormant.
 - Bury 1 set of leaves which helps firm up the plant as it grows.
2. **Low temperatures can cause dahlias to grow very little if at all.**
 - Day and night temperatures of 65 F. keeps dahlias growing. We use 68 F. as the bench mark to keep roots moving & vegetation forming.
 - Initial temperatures are key to plant growth and development.
 - Low temperatures can also cause roots to remain wet and contribute to root rot and other fungal diseases.
3. **Using a fungicide drench as a preventive.**
 - November - February plantings (and later) of dahlia must consider a fungicide at planting or within 5 to 7 days.
4. **Combating powdery mildew and botrytis.**
 - Powdery mildew and botrytis need to be considered even when recommended temperatures and conditions are followed.
 - Changes in the amount of light or swings in daytime temperatures can contribute to conditions causing fungal and mildew problems (humidity, temperature and light levels).
 - Use a fungicide spray with an insecticide spray to help with prevention.
5. **Feed moderately = 100 ppm of 20-10-20, 75 ppm of 15-0-15, 25 ppm mag. (200 ppm)**
6. **Height control: most growers are using bonzi as a spray or drench. Every series is different – see color sell sheets for detail.**
7. **Summary: good growing means evaluating plants & conditions daily.**

Variety: Name – color

1. Amanda – rose with cream petal base
2. BonBini – red tips with yellow center
3. Choc - burgundy-black
4. Corona – golden apricot
5. Corona pink – bright pink
6. Corona red – bright red
- *7. Fiesta – brite orange with yellow base
8. Irene – brilliant orange-red
9. Lagoon – amethyst blue
10. Maarten de Zwaan - white
11. Naomi – dark red
12. Prospero – bi-color pink
13. Royal - dark red
14. Sangria – pink with yellow petal base
15. Serena - white
16. Thalia - fuchsia
17. Ventura – yellow
18. Ying Yang – bi-color red/white

*denotes new variety for 2009-2010

KARMA DAHLIA



Amanda



BonBini



Choc



Corona



Corona Pink



Corona Red



Fiesta



Irene



Lagoon



**Maarten de
Zwaan**



Naomi



Prospero



Royal



Sangria



Serena



Thalia



Ventura



Ying Yang

HISTORICAL PERSPECTIVE AND DEVELOPMENT

The Karma Dahlia series was developed by brothers Aad and Kees Verwer, dahlia growers since 1964 and developers of the Gallery Dahlia series. Their main objectives were to develop healthy varieties that were attractive, had an extended flowering period and would produce full, strong flowers that kept well. This objective was achieved with the Karma series which has a vase-life of 8-10 days. Cuttings are produced from tissue cultured stock and are free of virus. These cuttings produce an unusually large number of stems per square meter. The Karma Dahlia is a patented series and cannot be propagated.

THE OUTSTANDING DAHLIA CUT FLOWER SERIES!

Great color selection and flower form.

Note: 'Karma Dahlia' varieties are plant patented. Propagation is prohibited.

Bosgraaf Greenhouses, Inc.