

2012 Catalogue



Kieft-Pro-Seeds
Catalogue
Page 193



PanAmerican Seed™



PanAmerican Seed

Giving Growers Confidence...that's what PanAmerican Seed is all about. For almost 70 years, we've been bringing a continuous offering of new and innovative varieties from annuals to vegetables to market.

You can always count on PanAmerican Seed for industry-leading seed quality, consistent and reliable delivery, extensive cultural information and value-added marketing programs.

Our ultimate goal is to support your business and give you complete peace of mind. When you tell us "I made a good decision," we know we've done our job.

Fantastic Foliage™



Accent plants spill...fill...thrill! Our award-winning Fantastic lineup lets you grow a comprehensive, high-value accent plant program and create great, all-in-one retail presentations.

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Fuseables™



Revolutionize how you grow combos! Fuseables single and multi-species multi-pellets deliver a balanced mix of two to three varieties that germinate and grow compatibly to produce more natural-looking mixes.

Page 46

Impatiens production solutions



The PanAmerican Seed impatiens team is focused on developing high-performance varieties with high seed quality and consistent, deliverable inventory. We have a series to meet your every need!

Page 57

Cool season production solutions



Extend your sales season and enjoy profits from fuller greenhouses that are easier to manage with PanAmerican Seed pansies and violas. We have the right varieties for your unique market.

Page 100

Wave™ petunia



Consumers know, buy and trust Wave petunias – the most popular annual brand ever! With lots of options in colour and seasonality, you can grow and sell Wave from early season to late.

Page 117

XP varieties



Streamline your production and send perfection to the store. XP varieties deliver tight bloom windows...exceptional habit and vigour...consistent early flowering...and uniformity like never before.

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PanAmericanSeed.

Proven varieties that perform





Bella Select Mixture Abutilon



Bella Apricot Shades Abutilon



Bella Deep Coral Abutilon



Bella Pink Abutilon



Bella Red Abutilon



Bella Salmon Shades Abutilon



Bella Vanilla Abutilon



Bella Yellow Abutilon



High Tide Blue and High Tide White Ageratum



Blue Pearl Ageratum

ABUTILON 🌻

Abutilon x hybridum (Flowering Maple, Chinese Bell Flower)

Bella F1 Series

Height: 14 to 18 in./35 to 45 cm
Spread: 14 to 18 in./35 to 45 cm
Supplied as raw seed.

Bella is a dual-use compact series for outdoor containers or year-round indoor lifestyle plants. “User-friendly” seed variety germinates easily and finishes in 11 to 13 weeks under high light conditions. Well-branched plants bloom continuously indoors or out, even in high heat. A true dwarf that needs little or no growth regulators – ideal for Spring and Autumn 4 to 8-in./10 to 20-cm pots, colour bowls and hanging baskets. Large, 3-in./7-cm, bell-shaped blooms “look up” for a good show of colour; under cooler conditions, colours intensify.

- **Apricot Shades** Delicate apricot to apricot orange.
- **Deep Coral** Deep coral rose, slightly variable in colour.
- **Pink** Bright pink.
- **Red** Very deep satiny red.
- **Salmon Shades** Salmon to light salmon pink.
- **Vanilla** Creamy white.
- **Yellow** Bright yellow.
- **Select Mixture** Includes all colours.

ACMELLA

See Spilanthes, page 159.

AGERATUM 🌻

Ageratum houstonianum

High Tide F1 Series 🌊

Height: 14 to 16 in./35 to 40 cm
Spread: 12 in./30 cm
Supplied as easy-to-sow pelleted seed.

Landscape ageratum series forms a dense, mounded hedge of colour, growing taller and more vigorously than any other ageratum. Outlasts standard bedding types in gardens and mixed containers. Also well-suited to indoor lifestyle plant programs. Strong branching fills out premium packs and 4 to 6-in./10 to 15-cm pots quickly. Self-cleaning and easy care.

- **Blue**
- **White** Slightly taller and more vigorous than Blue.

Blue Pearl

Height: 5 to 8 in./13 to 20 cm
Spread: 12 in./30 cm
Supplied as raw seed and as single-seed pellets.

Profuse top flowering assures a good colour show all season in borders and mass plantings. Well-matched for earliness and vigour, the dark green-leaved plants keep their compact, well-branched and mounded habit in the garden. Requires less growth regulators than other dwarf ageratum.

🌊 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Jazze Deep Rose Alstroemeria



Jazze Purple Rose Alstroemeria



Jazze Rose Frost Alstroemeria

ALSTROEMERIA 
Alstroemeria x hybrida

Jazze™ F1 Series

Height: 10 to 16 in./25 to 40 cm
Spread: 8 to 12 in./20 to 30 cm
Supplied as raw seed.

Versatile series for indoor houseplants and outdoor containers and beds. Uniform flowering with large blooms. Plants continue to flower all season in cool climates. When grown cool, plants do not need growth regulators. Performs as a perennial in areas where the ground does not freeze. Good candidate for upscale garden centres, offered in 1 to 3-gallon containers (8 to 12-in./20 to 30-cm standard pots). A sheltered growing location with partial shade is preferred; flowers may fade in full sun.


- **Deep Rose** Deep rose with yellow markings and stripes. 'PAS2055'
- **Purple Rose** Rosy purple without any white edging along the petals. 'PAS2053'
- **Rose Frost** Light rose pink with frosty white edging similar to a picotee pattern, plus yellow markings and stripes. 'PAS2052'

ALTERNANTHERA 
Alternanthera dentata

Purple Knight 

Height: 18 to 36 in./45 to 90 cm (varies by location; taller in warmer conditions)
Spread: 2 to 3 ft./ 60 to 90 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as raw seed.

“Grower-friendly” seed variety is economical and easy to produce. Striking dark purple-leaved foliage is an ideal accent plant for mixed containers – the vigorous, upright habit arches over the edge of the pot. Excellent when used in the landscape as a vigorous bedding plant. Also well-suited to indoor lifestyle plant programs. Very heat tolerant – thrives even in subtropical Summer conditions. Foliage colour is darkest in full sun. Well-suited to 306 premium packs, 4 to 6-in./10 to 15-cm pots or gallon containers (8-in./20-cm standard pots). Mississippi Medallion Award Winner for Southern performance.

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Purple Knight Alternanthera



New Easter Bonnet Lemonade



New Easter Bonnet Peach



Easter Bonnet Deep Pink



Easter Bonnet Deep Rose



Easter Bonnet Lavender



Easter Bonnet Violet



Easter Bonnet White



Easter Bonnet Pastel Mixture



New Easter Bonnet Formula Mixture Improved



Snow Crystals



ALYSSUM 
Lobularia maritima

Easter Bonnet Series

Height: 4 to 10 in./10 to 25 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Now available in a full colour range, Easter Bonnet combines uniformity of habit and colour with unsurpassed earliness. Covered with dainty, fragrant flowers, plants stay compact and tidy much longer than other alyssums, making these excellent edging plants.

- **Deep Pink** Rich rose pink.
- **Deep Rose**
- **Lavender** Unique deep lavender. *Royal Horticultural Society Award of Garden Merit Winner.*
- **New Lemonade** (Formerly Allure Lemon-Yellow from Kieft-Pro-Seeds) Creamy, light yellow tones.
- **New Peach** (Formerly Allure Bronze from Kieft-Pro-Seeds) Pastel peach tones.

- **Violet** Very deep solid purple; an intense, "best in class" colour. *Royal Horticultural Society Award of Garden Merit Winner, Fleuroselect Quality Award Winner.*

- **White** True white; dark green foliage.
- **Easter Bonnet Pastel Mixture** Unique mixture of pastel shades from lavender and pink to white.
- **New Formula Mixture Improved** Includes NEW Lemonade and Peach. Replaces Easter Basket Mixture.

Snow Crystals

Height: 6 to 10 in./15 to 25 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

Large, pure white, scented flowers have outstanding "sales appeal." The tetraploid genetics of Snow Crystals add heat tolerance and vigour. Slightly smaller blooms, lighter green foliage and less controlled habit in the pack than Clear Crystal White. *Fleuroselect Gold Medal Winner.*

PanAmericanSeed.

Clear Crystal™

Clear Crystal wows with the first-ever colours on these big flowers!
Pictured: Purple Shades



White

Clear Crystal™ Series

Height: 6 to 10 in./15 to 25 cm

Spread: 12 to 14 in./30 to 35 cm

Supplied as filmcoat seed and as multi-seed pellets.

This exciting tetraploid alyssum series delivers more vigour than standard diploid varieties for reduced production losses and increased profits. Few PGRs are needed in most markets and this cool-season crop can be grown with little or no heat – it's a "must have" for Spring pack programs! Clear Crystal is more vigorous with larger flowers than Easter Bonnet. Gardeners and landscapers will enjoy the fragrant, large blooms and stronger performance in containers and in-ground plantings. Unique Lavender Shades and Purple Shades are the first pigmented tetraploid alyssums, and are well-matched for vigour and flower size with companion White.

- **Lavender Shades** Lavender to light lavender shades; colour is lighter under warm temperatures, especially nights. 'PASS01338' U.S. Utility Patent Applied For, European Utility Patent Applied For
- **Purple Shades** Purple with occasional deep lavender shades; colour is lighter under warm temperatures, especially nights. 'PASS01342' U.S. Utility Patent Applied For, European Utility Patent Applied For
- **White** Cleaner white flowers and darker green foliage than Snow Crystals, with a more controlled habit and slightly larger flowers. *Fleuroselect Novelty*. 'PASS01344'
- **Mixture**

ANEMANTHELE

Sirocco

Part of the ColorGrass™ collection – see page 28.



Purple Shades



Lavender Shades



Mixture

 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Mixture



Bicolour Blue Shades



Bicolour Red



Deep Blue



Deep Red



Lavender Shades



Orchid Shades



Pink



Scarlet With Eye



Solid Scarlet



White



Wine

ANEMONE 
Anemone coronaria

Mona Lisa™ Series

Height: 18 in./45 cm
Spread: 6 in./15 cm
Supplied as raw seed.

Vibrant, 4 to 4.5-in./10 to 12-cm blooms top sturdy, thick 18-in./45-cm stems, with up to 18 stems per plant per year on average. Ideal for cutting and design work. Also makes an excellent bedding plant for cool coastal climates, offered in large containers. Will flower under lower Winter light levels than other anemones. Ideally suited for young plant production from a March to April sowing in the Northern Hemisphere, and a September to October sowing in the Southern Hemisphere. Low temperatures (46 to 54°F/8 to 12°C) promote optimum stem length for cut flower production. Compared with many other cool cut flower crops such as carnations, Mona Lisa is less labour-intensive, not requiring staking, netting or disbudding. Suitable for greenhouse, field or garden cut flower production.

- **Bicolour Blue Shades** 'PAS1851'
- **Bicolour Red** 'PAS1850'
- **Deep Blue** 'PAS1852'
- **Deep Red** 'PAS1860'
- **Lavender Shades** 'PAS1853'
- **Orchid Shades** 'PAS1855'
- **Pink** 'PAS1858'
- **Scarlet With Eye** 'PAS1866'
- **Solid Scarlet** 'PAS1867'
- **White** 'PAS1862'
- **Wine Shades** 'PAS1863'
- **Mixture**



Meteor Carmine Red



Meteor Rose Pink



Meteor Violet Blue



Meteor Yellow



Pot 'N Patio Mixture

ANETHUM

See Dill, page 165.

ANGELONIA

See page 10.

ANTIRRHINUM

See Snapdragon, page 151.

AQUILEGIA**Dragonfly Mixture****Songbird F₁ Series****Swan F₁ Series**

See Kieft-Pro-Seeds, page 196.

ASPARAGUS

See page 12.

ASTER 🌼*Callistephus chinensis***CUT FLOWER ASTER****Meteor Series****Height:** 30 to 40 in./80 cm to 1 m**Supplied as raw seed.**

Offers large, 3.5 to 4-in./9 to 10-cm flowers on thicker, longer stems than small-flowered varieties. Excellent vigour plus well-matched timing and height make Meteor ideal for both field production and greenhouse forcing. Harvest when 2 to 3 flowers per stem have developed colour. Also performs well as a home garden cut flower.

- Carmine Red *Fleuroselect Novelty*.
- Rose Pink
- Violet Blue *Fleuroselect Quality Award Winner*.
- Yellow *Fleuroselect Novelty*.
- Mixture

POT ASTER**Pot 'N Patio Series****Height:** 6 in./15 cm**Spread:** 6 in./15 cm**Supplied as raw seed.**

Dwarf plants flower just 90 days from sowing during the short days of Winter and early Spring without additional lighting. Perform well in patio pots, colour bowls and mixed container plantings, producing 2.5 to 3-in./5 to 7-cm, double blooms. Well-suited to 4-in./10-cm pots and packs. Not recommended for landscape plantings.

- Blue
- Pink
- Scarlet Cherry tones.
- White
- Mixture

PanAmericanSeed.

Serena™



**Serena delivers bullet-proof performance
with Summer-long colour.**



Serena Series

F1 ANGELONIA ☀️
Angelonia angustifolia

Serena™ Series

Height: 10 to 14 in./25 to 35 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as easy-to-sow pelleted seed.

This first and only seed-grown angelonia can be produced easily and economically. The series fits into warm bedding production and no pinching is required for labour savings. Serena's well-branched plants fill gardens, landscapes and mixed containers with unique dimensional colour. This care-free, continuous bloomer is well-suited to landscapes, gardens and mixed containers, and performs well under a wide range of conditions. Durable Serena is a perfect choice for consumers looking for water-wise, heat-loving plants. Plants grow up to 50% larger in Floridalike conditions. 14-week crop time from seed. Mississippi Medallion Award, Dallas Arboretum FlameProof Award, Louisiana Super Plants Award.

- **New Blue** Large, true blue flowers. Times like Purple. 'PAS782746'
- **Lavender** 'PAS393856'
- **Lavender Pink** 'PAS393858'
- **Purple** 'PAS 394030'
- **White** North Texas Winner's Circle Award Winner. 'PAS394032'
- **New Mixture Improved** Includes NEW Blue.
- **New Waterfall Mixture** Includes Purple plus a sky blue and white segregating mix.



New Blue



Lavender



New Waterfall Mixture



▶ Watch the video online at panamseed.com/SerenaVideo ◀



Lavender Pink



Purple



White



Asparagus densiflorus
'Sprengeri'/'Sprengeri'



Asparagus meyerii/A. densiflorus
'Myersii'



Snowtopia Bacopa



Blutopia Bacopa

ASPARAGUS ☀️🌱

Height: 2 to 3 ft./60 to 90 cm

Spread: 2 to 3 ft./60 to 90 cm

Supplied as raw seed.

The quality of our ornamental asparagus is known throughout the world. We never ship seed more than three months after harvest in order to maintain the high-quality germination. All varieties are excellent for young plant production, and are premier choices for cut flowers, hanging baskets and mixed containers. Seed is available year-round.

A. densiflorus
'Sprengeri'/'Sprengeri'

Commonly used in mixed container and window box plantings for its long, arching plumes of uniform habit and medium green shades. Tough, heat and drought-tolerant groundcover in areas with little or no frost. High seed quality, with germination in the high 80s.

A. meyerii/A. densiflorus
'Myersii'

Stiff, fully rounded plumes in varying shades of green have a mounding habit. High germination.

BACOPA (SUTERA) ☀️

Sutera cordata

- Fuseables™ Blue Dawn**
- Fuseables Cotton Candy**
- Fuseables Silk N' Satin**
- Fuseables Utopia**

See page 46.

Blutopia™ & Snowtopia™ ⚡️

Height: 6 in./15 cm

Spread: 18 to 24 in./45 to 60 cm

Supplied as easy-to-sow multi-seed pellets.

These first-ever bacopas from seed let you fully mechanize your bacopa production, with easy crop scheduling, quick turns, no pinching and no need for stock plants. Imagine creating a growing "Utopia" right in your greenhouse! Both are economical choices for accent plant programs and ideal for 4.5-in./11-cm and 10 to 12-in./25 to 30-cm pots. Perform well in large planters and mixed containers.

- **Blutopia** Eye-catching lavender-blue flowers are the same colour as traditional blue bacopas. Slightly smaller leaves than Snowtopia – leaf size is typical of vegetative blue bacopas. Has a mounded habit compared to slightly prostrate Snowtopia. 'PAS430727'

- **Snowtopia** Beautiful white flowers offer the same colour as traditional white bacopas. Larger leaves than Blutopia – leaf size is typical of vegetative white bacopas. 'PAS737486'

BASIL

See Vegetables & Herbs, page 165.

⚡️ Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Gryphon

FOLIAGE BEGONIA 🌞🌱*Begonia x hybrida***Gryphon**

Height: 14 to 16 in./35 to 40 cm in shade, 12 to 14 in./30 to 35 cm in partial sun; may grow to 30 in./75 cm tall in hot/humid conditions

Spread: 16 to 18 in./40 to 45 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as easy-to-sow multi-seed pellets.

The Gryphon is a mythical creature with the head and wings of an eagle, and the body of a lion. This foliage begonia combines the same majestic beauty with strength and durability. The showy accent plants deliver enough “WOW” to fly out of the store and make a dramatic statement in mixed or solo containers. It’s the perfect companion to Dragon Wing™ begonia, Kong™ coleus, Super Elfin™ and Impreza™ impatiens, Divine New Guinea impatiens and Silver Crest plectranthus.

Gryphon fits into existing begonia plug culture, and is easier and quicker to produce than vegetative foliage types. Plants are more tolerant of stressful conditions than Rex begonias for less shrink, and fit programs from 4.5 to 10 in./11 to 25 cm. Retailers will appreciate Gryphon’s showy displays, low water needs, longer sales window, and versatility for indoor and outdoor sales areas. The unique tropical appearance makes this a perfect impulse item. Garden-to-house Gryphon lets consumers extend the season by bringing plants indoors at the end of the season. These easy-care, low-water plants deliver success and make repeat customers.

BEGONIA 🌞🌱*Begonia x hybrida***BabyWing™ F1 Series**

Height: 12 to 15 in./30 to 40 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as easy-to-sow pelleted seed.

Maintenance-free plants feature early flowering, continuous colour, small Dragon Wing-shaped leaves and season-long performance in landscapes and containers. Like its Dragon Wing counterparts, BabyWing is extremely heat tolerant and handles stressful conditions well. The more upright, mounded plants have a controlled habit that contributes to successful shipping. About 10 days to 2 weeks earlier to flower than Dragon Wing, BabyWing puts on a colourful show at retail. Well-suited to 4 to 10-in./10 to 25-cm programs.

- **Pink** Light pink flowers with rose-coloured buds held above the foliage. ‘PAS279432’
- **White** Pure white flowers over dark glossy green foliage. In full sun, a slight pink blush may appear. Well-matched to Pink. ‘PAS453440’



BabyWing Pink



BabyWing White

PanAmericanSeed.

Dragon Wing™



Dragon Wing puts a higher profit in your pocket.
Pictured: Red



Pink



Pink



Red

Dragon Wing™ F1 Series

Height: 12 to 15 in./30 to 40 cm

Spread: 15 to 18 in./38 to 45 cm

Supplied as easy-to-sow pelleted seed.

Dragon Wing delivers proven garden performance across a wide range of conditions. Outstanding heat tolerance in areas like Florida provides lush, vigorous growth. Unusually strong performance in cool, stressful conditions in areas like northern Europe and Canada makes this series an ideal commercial landscape item. With a unique and beautiful arching, pendulous habit, this spectacular plant adapts well to hanging baskets, large containers and in-ground plantings. Dragon Wing is used widely by professional landscapers where season-long performance is necessary. Dragon Wing offers a dramatically different look from standard begonias. Easy to grow from pelleted seed, it surpasses vegetative varieties for branching, vigor and “flower power.” Crop time from seeding to sale is 16 weeks for a 10-in./25-cm basket. Both colours are Georgia Gold Medal Winners.

• **Pink** ‘Bepapink’ European Community Plant
Variety Rights Number 10351

• **Red** ‘Bepared’ European Community Plant
Variety Rights Number 9611

BELLIS

Bellisima Series Medicis Series

See Kieft-Pro-Seeds, page 203.

BRACTEANTHA

See Helichrysum, page 55.



Maracas Brazilian Fireworks

BRAZILIAN FIREWORKS 🌻🌻
Porphyrocoma pohliana

Maracas

Height: 6 to 8 in./15 to 20 cm

Spread: 8 to 10 in./20 to 25 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.

This heat-loving tropical shade plant performs well as a bedding plant, groundcover or as a component in containers. Maracas shows off attractive variegated foliage plus bicolor purple/pink flowers. Well-suited to 306 premium packs and 4 to 6-in./10 to 15-cm pots, plants are best grown warm in production. PGRs will enhance the silver variegation in the foliage and encourage earlier flowering. See the Maracas GrowerFacts at panamseed.com.

BROWALLIA 🌻
Browallia speciosa major

Bells Series

Height: 10 to 12 in./25 to 30 cm

Spread: 12 to 14 in./30 to 35 cm

Supplied as raw seed.

Ideal for hanging baskets, tubs and mixed containers, the free-flowering, vigorous plants have attractive 1.5-in./4-cm blooms. Requires long days to bloom; packs flower in 14 weeks.

- **Blue Bells** Lavender blue.
- **Marine Bells** Intense, deep indigo.
- **Silver Bells** White.

CALLISTEPHUS

See Aster, page 9.

CAPSICUM

See Ornamental Pepper, page 115.



Blue Bells Browallia



Marine Bells Browallia



Silver Bells Browallia

Icecream

CAREX

Amazon Mist
Bronco
Phoenix Green
Red Rooster

Part of the ColorGrass™ collection – see page 28.

CATHARANTHUS

See Vinca, page 170.

CELOSIA

CELOSIA PLUMOSA GRP.

Icecream Series

Height: 12 in./30 cm

Spread: 10 in./25 cm

Supplied as filmcoated seed.

This heat-resistant, long-lasting series stands tough when the temperatures rise. Early, compact and well-branched, the series produces large, tight flower heads in strong colours for striking sales appeal. Versatile Icecream is great for pack and small pot programs, and puts on stunning shows in patio planters and gardens.

- **Banana** Cream yellow.
- **Cherry** Carmine red.
- **Mango** Golden yellow.
- **Orange**
- **Peach** Rose-pink.
- **Strawberry** Scarlet.
- **Formula Mixture**



Banana



Cherry



Mango



Orange



Peach



Strawberry

Planter or garden, Icecream
won't melt in the sun!

Pictured: Formula Mixture



Glow Series



Glow Carmine



Glow Pink



Glow Red

**CELOSIA ARGENTEA
VAR. PLUMOSUS**

Glow Series

Height: 10 to 12 in./25 to 30 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as filmcoated seed.

Delivering a good balance of pack and garden performance, Glow finishes slightly later than others, but has the best garden performance of any compact celosia. Performs well under a wide range of garden conditions, outperforming standard celosia in heat. Compact, uniform and well-branched plants are a perfect choice for landscapes, containers and mixed plantings. Also works well in indoor lifestyle plant programs.

- Carmine
- Pink Medium pink.
- Red Rich, bright cherry red.

CELOSIA SPICATA

Kosmo Series

Height: 8 in./20 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as filmcoated seed.

The genetically dwarf series is ideal for year-round pot and pack programs, with no PGRS and no pinching needed. Plants produce a main stem at the base with many side spikes, and the flower heads top well-proportioned leaves. Kosmos has a short production time on the bench, long shelf life at retail and is an excellent performer in patio planters and the garden for the consumer.

- Pink
- Purple Red *Fleuroselect Quality Award Winner.*
- Vanilla
- Mixture

CINERARIA

See Dusty Miller, page 41.

COBAEA 
Cobaea scandens

Cobaea

Vine length: Vining to 25 ft./7.5 m
Supplied as raw seed.

A native of Mexico, cobaea is a tender, Summer-blooming perennial. Vigorous, free-flowering vines have large, purple, bell-shaped blooms. In North America, plants started in April will bloom in August/September and continue until frost. High germination. Excellent for packet seed sales.



Kosmo Pink



Kosmo Purple Red



Kosmo Vanilla



Kosmo Series

Coleus

Our premium coleus lineup offers you options in colour, texture, height and sun/shade use, all with terrific heat tolerance. Pictured: Kong Red and Wizard Mosaic



Black Dragon



Carefree Mixture



Chocolate Mint

COLEUS

Solenostemon scutellarioides

Fuseables™ Under The Sun

See page 48.

Black Dragon 🌞 🌙

Height: 12 to 14 in./30 to 35 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as raw seed.

Exotic, serrated leaves are an unusual deep colour – red with a purplish-black edge. Outstanding in packs or pots.

Carefree Mixture 🌞 🌙

Height: 8 to 10 in./20 to 25 cm

Spread: 8 to 10 in./20 to 25 cm

Supplied as raw seed.

Dwarf, basal-branching plants feature many small, deeply lobed, 1.5-in./4-cm leaves. Very appealing in partial to full shade.

Chocolate Mint 🌞 🌙

Height: 14 to 20 in./35 to 50 cm

Spread: 12 to 14 in./30 to 35 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as easy-to-sow pelleted seed.

Easy-to-grow, dark-leaved plants show off a rich chocolate colour, with each mid-size leaf finely edged in mint green. The upright accent plants are well-suited to in-ground plantings and large containers. Works well in 306 premium packs and 4-in./10-cm pots with 1 plant per pot; also suitable for 6-in./15-cm to gallon programs with 3 plants per pot. **NOTE:** Planting in full sun will cause leaf burn unless under very high relative humidity.



Chocolate Splash 🌈

Height: 12 to 16 in./30 to 40 cm
Spread: 12 to 16 in./30 to 40 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as easy-to-sow pelleted seed.

Each of the mid-sized green leaves is highlighted by a chocolate-splashed pattern that varies with age and light exposure. This easy-to-grow, upright variety pairs well with Dark Chocolate and Chocolate Mint as an accent plant in mixed containers and in landscape plantings in the shade. Works well in 306 premium packs and 4-in./10-cm pots with 1 plant; also suitable for 6-in./15-cm programs with 3 plants per pot.

Dark Chocolate 🌈

Height: 24 to 30 in./60 to 75 cm
Spread: 18 to 24 in./45 to 60 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as easy-to-sow pelleted seed.

Upright accent plants have mid-size leaves in a rich dark purple that adds an appealing look to both shady and partially sunny settings; slight touches of burgundy appear especially in full sun conditions. A good choice for large mixed containers and in-ground plantings, Dark Chocolate partners well with Chocolate Splash and Chocolate Mint, along with other foliage and flower items. Suitable for 5-in./13-cm programs with 3 plants per pot. NOTE: Planting in full sun is not recommended.



Chocolate Splash



Dark Chocolate



Salmon Pink

COLEUS continued

Kong™ Series 🌻 🌻

Height: 18 to 20 in./45 to 50 cm
Spread: 15 to 18 in./38 to 45 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as easy-to-sow pelleted seed .

This exciting series features extremely large leaves and unique patterns on tall, well-branched accent plants. Kong makes an eye-catching choice for large containers and landscapes, and also works well as an indoor lifestyle plant. The fast-finishing plants are well-suited to production in 5-in./13-cm (8-in./20-cm) pots to prefer gallons with 3 plants per pot. Prefers full shade for best performance.

- **Green** Green with slight cream veining and markings. ‘Kakegawa CE16’ U.S. Plant Variety Protection Number 200500019
- **Mosaic** Unique pattern of bright green, shades of red and cream – no two leaves are alike. Mosaic is unique in the series with leaves that twist and fold. ‘Kakegawa CE15’
- **Red** Rich mahogany-red centre with strong rose veining and a bright green edge. Stems and undersides of leaves are mahogany-red. ‘Kakegawa CE12’ U.S. Plant Variety Protection Number 200500015
- **Rose** Vibrant rose centre surrounded by a bright green edge. ‘Kakegawa CE14’ U.S. Plant Variety Protection Number 200500017
- **Salmon Pink** Multi-colour pattern of salmon-pink and mahogany-red with irregular green edge. ‘SAKCOL017’ U.S. Plant Variety Protection Number 200900035
- **Scarlet** Mahogany-red centre surrounded by an irregular green edge; at times, rose veining appears. Stems and undersides of leaves are green. ‘Kakegawa CE13’ U.S. Plant Variety Protection Number 200500016
- **Empire Mixture** Vibrant mix of Red, Rose, Salmon Pink and Scarlet.
- **Mixture** Includes all the Kong colours.

KONG Coleus are bred by Sakata Seed Corporation.



Empire Mixture



Green



Mosaic



Red



Rose



Scarlet



Crimson Gold

Versa™ Collection 🌞🌱

Height: Varies by variety.
Spread: 18 to 22 in./45 to 55 cm
Supplied as easy-to-sow pelleted seed.

This “Versa-tile” coleus can be used in sun and shade! These well-branched, vigorous plants show off beautiful multi-patterned foliage that stays the centre of attention all season, thanks to the very late-flowering habit. Two Versa varieties – Burgundy to Green and Rose to Lime – are unique, as they change colour as the season progresses. The collection is well-suited to 306 premium packs and 4-in./10-cm pots with 1 plant; also works well in 6-in./15-cm to gallon programs with 3 plants per pot.

- **Burgundy to Green** Deep burgundy leaves have speckles of lime green that expand throughout the season to cover most of the leaf. Height: 32 in./80 cm. ‘PAS733803’
- **Crimson Gold** Deep red leaves with golden green edge. Height: 26 in./65 cm. ‘PAS733805’
- **Green Halo** Thick green margin on leaves with consistent creamy centre. Height: 20 in./50 cm. ‘PAS733809’
- **Lime** Lime green to golden foliage. Height: 28 in./70 cm. ‘PAS733807’
- **Rose to Lime** Rose colour in leaves eventually dissolves, exposing green margins and cream centre. Height: 24 in./60 cm. ‘PAS535943’
- **Watermelon** Watermelon-coloured leaves with green edges in cool conditions mature to a deep pink under warmer conditions. Height: 24 in./60 cm. ‘PAS491156’
- **Mixture** Includes all Versa colours.



Burgundy to Green: Stage 1



Burgundy to Green: Stage 2



Green Halo



Lime



Rose to Lime: Stage 1



Rose to Lime: Stage 2



Rose to Lime: Stage 3



Watermelon



Golden, Coral Sunrise and Jade are suited to full sun.

COLEUS continued

Wizard™ Series 🌞🌿

Height: 12 to 14 in./30 to 35 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as raw seed.

An excellent series for shade plantings, with four colours that tolerate full sun. Compact Wizard plants have very colourful, mid-size leaves. Low-maintenance, uniform and basal-branching plants are late-flowering, extending their landscape value.

Separate colours – solo or in combination with impatiens or other shade-loving varieties – make striking beds, baskets and containers. Wizard is an excellent choice for indoor lifestyle plant programs and interiorscaping.

Coral Sunrise, Golden, Velvet Red and Sunset are suited to full sun.

- **Coral Sunrise** Shades of pink with olive green and bright green margins; can start out salmon pink under cooler conditions and mature to lighter pink when it is warmer. Good in sun. 'PAS491155'
- **Golden** Bright chartreuse. Good in sun. 'PAS2015'
- **Jade** Clear ivory with green edge. 'PAS2018'
- **Mosaic** Multi-colour leaves; slightly earlier to flower than other Wizard varieties. 'PAS406822'
- **Pastel** Pink marbled with deep bronze; green edge. 'PAS2020'
- **Pineapple** Lime green with dark red splashes. 'PAS2022'
- **Scarlet** Rich bronze-red with pale green edge. 'PAS2028'
- **Sunset** Vivid apricot. Good in sun. 'PAS2030'
- **Velvet Red** Rich, deep red. Good in sun. 'PAS2032'
- **Mixture** Formula mixture includes Coral Sunrise, Golden, Jade, Mosaic, Rose, Scarlet, Sunset and Velvet Red.
- **Select Mixture** Rich, deep colours include Mosaic, Scarlet, Sunset and Red Velvet.



Mosaic



Pastel



Pineapple



Scarlet



Sunset



Velvet Red



Select Mixture

ColorGrass™

Grow and sell the
broadest range of
colour and texture!

Expand your line of
ornamental grasses
with these unique
varieties that are
stunning in the
landscape and
in containers.

The ColorGrass lineup features height, color & texture!



Live Wire Isolepis

Coolio Koeleria















Starhead Juncus

Bronco Carex

Festina Festuca

Starmaker Luzula

Sirocco Anemanthele











Variety	Habit	Color Group	Exposure	Height	Containers	Features
Live Wire Isolepis	Low	Green	 	6-8 in./ 15-20 cm	306 pack, 4 in./10 cm, 6 in./15 cm*, Gallon	Great for containers, and performs well in ponds and water gardens.
Coolio Koeleria	Low	Green	 	6-8 in./ 15-20 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Upright, blue-green grass is ideal for dry locations. Grows to 20 in./50 cm after the first season.
Spiky Blue Corynephorus (Not pictured)	Med.	Green	 	8 to 10 in./ 20 to 25 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Compact, spiky, blue-green tufts mature to reddish-green.
Starhead Juncus	Med.	Green	 	8 to 10 in./ 20 to 25 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Compact plants produce long-lasting, dark green star inflorescences.
Amazon Mist Carex (Not pictured)	Med.	Green		10 in./ 25 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Variiegated light and medium green grass has twisting tips and an arching habit.
Bronco Carex	Med.	Brown		10 in./ 25 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Bronze-brown variety has an arching habit.
Festina Festuca	Med.	Green	 	10 in./ 25 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Dense, compact, blue-green tufts have small, upright brown plumes from Summer to Autumn. Very cold hardy.
Starmaker Luzula	Med.	Green		10 in./ 25 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Large, mounded annual grass has broad, glossy leaves, with brown flowers in early Spring.
Sirocco Anemanthele	Med.	Green/ Brown		12-14 in./ 30-35 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Varied shades of copper and pink depending on season/maturity.

Low: 6 to 8 in./15 to 20 cm; Med: 8 to 16 in./20 to 40 cm; Tall: 16 in./40 cm and taller
*3 plants per pot

ColorGrass brings more choices to



Lucius Luzula Pony Tails Stipa Blue Dart Juncus Phoenix Green Carex Blue Arrows Juncus Red Rooster Carex Wind Dancer Eragrostis Javelin Juncus

Variety	Habit	Color Group	Exposure	Height	Containers	Features
Blue Dart Juncus	Med.	Green	 	14-16 in./ 35-40 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Blue-green, strong, upright plant.
Pony Tails Stipa	Tall	Green		16 to 24 in./ 40 to 60 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Upright grass has fine, needlelike foliage, with silky green flowers in July that mature to golden blonde.
Phoenix Green Carex	Tall	Green		20 to 24 in./ 50 to 60 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Sturdy, upright and narrow-leafed. Good heat tolerance, easy-care. Use as an accent in landscapes, planters.
Red Rooster Carex	Tall	Red		24 in./ 60 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Upright, red-bronze variety has curled tips.
Lucius Luzula	Tall	Green	 	24 in./ 60 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Upright and arching evergreen grass has flat leaves fringed in white. Small, white flowers in spiky inflorescences in Spring/early Summer. Good in damp, shady areas.
Blue Arrows Juncus	Tall	Green		36 in./ 90 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Blue-green, upright and heat tolerant.
Wind Dancer Eragrostis	Tall	Green		36-48 in./ 90-120 cm	Gallon	Gracefully shaped, drought-tolerant, Native American grass.
Javelin Juncus	Tall	Green		48 in./ 120 cm	4 in./10 cm, 6 in./15 cm*, Gallon	Rugged, upright plant can grow in standing water, but also handles heat/drought.

Find photos and information on all ColorGrass™ varieties on pages 28 to 30.

In addition to our ColorGrass collection, PanAmerican Seed offers four additional grass selections: Deschampsia Zephyr, see page 33. Juncus Twister, Fuseables™ Twisted Arrows and Fuseables™ Twisted Dart, see page 70.

Fantastic Foliage



Bring in the comprehensive ColorGrass program and create great, all-in-one retail presentations.

COLORGRASS continued

ANEMANTHELE 
Anemanthele lessoniana

Sirocco

Height: 12 to 14 in./30 to 35 cm
Spread: 22 to 24 in./55 to 60 cm
Supplied as easy-to-sow multi-seed pellets.

Like the warm winds from which Sirocco takes its name, this delightful annual grass adds movement and texture to a wide range of settings, including landscapes, garden beds, mixed containers and hanging baskets. This genetically unique variety is the only pink grass from seed on the market – colour turns to shades of copper and pink under cool conditions, natural sunlight and maturity. Best-suited to 4 to 6-in./10 to 15-cm pots.

CAREX 

CAREX BUCHANANII

Red Rooster

Height: 24 in./60 cm
Spread: 12 in./30 cm
USDA Hardiness Zones: 7 to 9 (0 to 20°F/-18 to -7°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Red-bronze grass has curled tips. Upright habit.

CAREX COMANS (LEATHERLEAF SEDGE)

Amazon Mist

Height: 10 in./25 cm
Spread: 14 in./35 cm
USDA Hardiness Zones: 7 to 9 (0 to 20°F/-18 to -7°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Variegated light/medium green grass has twisting tips and an arching habit.

Bronco

Height: 10 in./25 cm
Spread: 14 in./35 cm
USDA Hardiness Zones: 7 to 9 (0 to 20°F/-18 to -7°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Bronze-brown variety has an arching habit.

Phoenix Green

Height: 20 to 24 in./50 to 60 cm
Spread: 16 to 20 in./40 to 50 cm
USDA Hardiness Zones: 6 to 8 (-10 to 10°F/-23 to 12°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Sturdy, upright, narrow-leafed sedge has bright green foliage. Good heat tolerance and easy-care. Use as an accent in landscapes and planters.

CORYNEPHORUS  
Corynephorus canescens (Clubawn Grass)

Spiky Blue

Height: 8 to 10 in./20 to 25 cm
Spread: 8 in./20 cm
USDA Hardiness Zones: 7 to 9 (0 to 20°F/-18 to -7°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Compact, spiky tufts are blue-green; matures to reddish green.

ERAGROSTIS 
Eragrostis elliotii (Love Grass)

Wind Dancer

Height: 3 to 4 ft./90 cm to 1.2 m
Spread: 3 to 4 ft./90 cm to 1.2 m
USDA Hardiness Zone: to at least Zone 6 (-10°F/-23°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Excellent for ornamental grass and perennial programs, this drought-tolerant Native American grass has a graceful form with narrow, bluish green foliage. Tall plants produce airy flower plumes in July; plumes mature to a tan colour in August, then gradually to a lighter straw colour in the Autumn and continue to maintain interest throughout the Winter. Grows best in the landscape and large containers. Best for gallon containers.



Sirocco Anemanthele



Red Rooster Carex



Wind Dancer Eragrostis



Amazon Mist Carex



Bronco Carex



Phoenix Green Carex



Spiky Blue Corynephorous



Festina Festuca



Live Wire Isolepis



Starhead Juncus



Blue Arrows Juncus



Javelin Juncus

FESTUCA

Festuca cinerea (Festuca glauca)

Festina

Height: 10 in./25 cm

Spread: 10 in./25 cm

USDA Hardiness Zones: 4 to 10
(-30 to 40°F/-34 to 2°C minimum temperature)

Supplied as easy-to-sow multi-seed pellets.

Very cold-hardy variety produces dense, compact tufts of blue-green, with small, upright brown plumes from Summer to Autumn.

ISOLEPIS

Isolepis cernua (Fiber Optic Grass)

Live Wire

Height: 6 to 8 in./15 to 20 cm

Spread: 18 to 20 in./25 to 50 cm

Supplied as easy-to-sow multi-seed pellets.

Unique annual grasslike plant is ideal for adding texture to mixed containers or marketing as an indoor lifestyle plant. The short, billowing mound of soft green leaves is accented by flower spikes that look like “fiber optic” strands. Easy-to-grow plants make a dense, mounded habit without pinching or PGRs, growing upright as a young plant and then draping as they mature. Performing well in wet conditions, Live Wire is also a good choice for planting alongside ponds and water gardens. Prefers a shady garden location, but can handle sun if moisture level is maintained. Best suited to 306 premium packs and 4 to 6-in./10 to 15-cm containers.

JUNCUS

JUNCUS ENSIFOLIUS

Starhead

Height: 8 to 10 in./20 to 25 cm

Spread: 8 to 10 in./20 to 25 cm

USDA Hardiness Zones: Hardy to at least 6a (-10°F/-21°C minimum temperature)

Supplied as easy-to-sow multi-seed pellets.

This compact variety displays green, broad-leaved foliage and long-lasting, dark green star inflorescences.

JUNCUS INFLEXUS

Blue Arrows

Height: 36 in./90 cm

Spread: 12 in./30 cm

USDA Hardiness Zones: 5 to 9
(-20 to 20°F/-29 to 7°C minimum temperature)

Supplied as easy-to-sow multi-seed pellets.

Grown for its stiff, upright, blue-green foliage, Blue Arrows is well-suited to annual bedding and mixed containers. Heat-tolerant in a wide range of environments. Can be grown as a pond plant, but quite drought-tolerant when grown in the ground. It also makes a great indoor lifestyle plant. Good in 4 to 6-in./10 to 15-cm pots.

JUNCUS PALLIDUS

Javelin


Height: 48 in./1.2 m

Spread: 18 to 20 in./45 to 50 cm

USDA Hardiness Zones: Hardy to Zone 7 (0°F/-18°C minimum temperature)

Supplied as easy-to-sow multi-seed pellets.

Here's an excellent “thriller” for mixed containers – this tall and stately green grass makes a dramatic statement! Developed from unique genetics, you'll only find Javelin available from PanAmerican Seed. In gardens and landscapes, Javelin can grow up to 5 ft./1.5 m tall. It performs well through a wide range of environmental stress. This rugged plant can grow in standing water, but also handles heat and drought. Provides great Winter interest, maintaining its upright, stiff foliage in a straw colour. Good in 4 to 6-in./10 to 15-cm pots.

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Blue Dart Juncus



Coolio Koeleria

COLORGRASS continued

JUNCUS TENUIS

Blue Dart 🌞🌧️

Height: 14 to 16 in./35 to 40 cm
Spread: 10 to 12 in./25 to 30 cm
USDA Hardiness Zones: Hardy to Zone 5 (-20°F/-29°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

The linear blue foliage of Blue Dart has a strong vertical habit that makes it a faster, more reliable alternative to spike dracaena. A great choice for adding texture to small containers and in-ground plantings, low-maintenance Blue Dart is very adaptable to a wide range of conditions, including standing water and drought. Blue Dart makes an attractive indoor lifestyle plant, and can even be used as a water plant. Great retail shelf life. Good in 4 to 6-in./10 to 15-cm pots.

KOELERIA 🌞🌧️
Koeleria glauca

Coolio

Height: first season: 6 to 8 in./15 to 20 cm; later: 20 in./50 cm
Spread: 8 in./20 cm
USDA Hardiness Zone: 6 to 9 (-10° to 20 F/-23° to -7 C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

This upright, blue-green grass is ideal for dry locations.



Lucius Luzula



Starmaker Luzula



Pony Tails Stipa

LUZULA

LUZULA NIVEA 🌞🌧️

Lucius

Height: 24 in./60 cm
Spread: 18 in./45 cm
USDA Hardiness Zones: 6 to 10 (-10 to 40°F/-23 to 2°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

This upright and arching, evergreen grass displays flat, mid-green leaves that are fringed in white hairs. Small, white flowers in spiky inflorescences are produced in Spring and early Summer. Lucius flourishes in damp, shady conditions.

LUZULA SYLVATICA 🌞

Starmaker

Height: 10 in./25 cm
Spread: 10 in./25 cm
Supplied as easy-to-sow multi-seed pellets.

The large, mounded annual grass has broad, glossy green leaves and produces brown flowers in early Spring.

STIPA 🌞
Stipa tenuissima (Mexican Feather Grass)

Pony Tails

Height: 16 to 24 in./40 to 60 cm
Spread: 24 in./60 cm
USDA Hardiness Zones: 7 to 10 (0 to 40°F/-18 to 2°C minimum temperature)
Supplied as easy-to-sow multi-seed pellets.

Upright grass produces fine, needlelike, green foliage, with silky green flowers in July that mature to golden blonde.

OTHER GRASSES

DESCHAMPSIA

See Zephyr, page 33.

JUNCUS

MULTI-PELLET

Fuseables™ Twisted Arrows
Fuseables™ Twisted Dart
 See page 70.

JUNCUS SPIRALIS

Twister

See page 70.



Antiquity Cosmos

COREOPSIS

Early Sunrise
Rising Sun
Sunfire

See Kieft-Pro-Seeds, page 212.

CORYNEPHORUS

Part of the ColorGrass™ collection – see page 28.

COSMOS 🌻

Cosmos bipinnatus

Antiquity

Height: 20 to 30 in./50 to 75 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

The unique colour of Antiquity has big appeal – the 2-in./5-cm, single flowers open rich burgundy and mature to antique bronze-salmon. Very early and floriferous, with long-lasting colour in the garden. Well-suited to 3.5 to 4-in./9 to 10-cm pots. *Fleuroselect Novelty.*



Sonata Mixture Cosmos



Sonata Carmine Cosmos



Sonata White Cosmos



Sonata Pink Cosmos



Sonata Pink Blush Cosmos

Sonata Series

Height: 24 in./60 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as Premium Grade raw seed.

Extremely easy-to-grow, dwarf series was bred especially for the amateur market; however, professional growers choose Sonata because of its capabilities for blooming in the pack and pot.

- **Carmine** Dark, vibrant wine. *Fleuroselect Quality Award Winner.*
- **Pink** Soft, pure pink. *Fleuroselect Quality Award Winner.*
- **Pink Blush** Soft pink with a magenta eye. *Fleuroselect Quality Award Winner.*
- **White** Pure white. *Fleuroselect Gold Medal Winner.*
- **Mixture** *Fleuroselect Quality Award Winner.*

CROSSANDRA 🌻

Crossandra infundibuliformis

Tropic Series

Height: 10 in./25 cm
Spread: 8 in./20 cm
Supplied as raw seed.

Heat-tolerant continuous bloomer makes a premium landscape plant in tropical and semi-tropical areas from Florida to southern Asia. One of the few plants that can survive urban plantings in the heat; thrives in full sun in humid areas, but requires more shade in dry climates. Glossy, dark green-leaved plants grow to 6 in./15 cm in the pot, making them ideal for warm-climate pot plant sales or used as an indoor lifestyle plant. Remains compact outdoors.

- **Flame** Salmon orange.
- **Yellow Splash** Light yellow flowers with a dark yellow “splash” at the petal base. In Florida trials, flowers mature quickly to cream with yellow base.



Tropic Flame Crossandra



Yellow Splash Crossandra



Dynamite Cuphea



Matchmaker Series Cuphea

CUPHEA 🌞

Cuphea ignea (Cigar Plant)

Dynamite

Height: 8 to 10 in./20 to 25 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Novelty variety is covered with small, tubular, bright scarlet flowers over dark green foliage. Better-branched than vegetative varieties, it is well-suited to solo and mixed containers, and also works well in indoor lifestyle plant programs. Good for 4-in./10-cm programs, keeping its compact habit without growth regulators.

Matchmaker Series

Height: 8 to 10 in./20 to 25 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Very compact and long-blooming, Matchmaker has deep, shiny green foliage to contrast well with the flower colours. Self-cleaning and adaptable to wide range of conditions.

- Pink
- Scarlet
- White
- Mixture

F1 CYCLAMEN 🌞

Cyclamen persicum

Butterfly Series

Height: 10 in./25 cm
Spread: 6 in./15 cm
Supplied as raw seed.

A substantial improvement over open-pollinated varieties, Butterfly is 100% true to type with every plant displaying large, fringed flowers. Uniform in bloom time, making it ideal for bench run production. Suitable for 6-in./15-cm pot production and in larger combination containers. Finishes in about 19 to 21 weeks from 200-cell liners.

- Lilac
- Purple
- Rose Pink
- Salmon Pink
- Soft Pink With Eye
- Mixture



Butterfly Soft Pink with Eye Cyclamen



Butterfly Lilac Cyclamen



Butterfly Purple Cyclamen



Butterfly Rose Pink Cyclamen



Butterfly Salmon Pink Cyclamen



Figaro Original Field Grown Mixture Dahlia



Figaro Orange Shades Dahlia



Figaro White Shades Dahlia



Figaro Red Shades Dahlia



Figaro Violet Shades Dahlia



Figaro Yellow Shades Dahlia



Deco Mixture Dahlia

DAHLIA

DAHLIA X HYBRIDA

Figaro Series 🌻

Height: 14 to 18 in./35 to 45 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Figaro is a premium pack item and is ideal for borders as well as containers. The separate varieties are sold as “shades” due to some variation in colour, habit and doubleness. Very responsive to B-Nine.

- **Orange Shades** *Fleuroselect Quality Award Winner*. ‘PAS1940’
- **Red Shades** *Fleuroselect Quality Award Winner*. ‘PAS1942’
- **Violet Shades** *Fleuroselect Quality Award Winner*. ‘PAS1943’
- **White** *Fleuroselect Novelty*. ‘PAS1933’
- **Yellow Shades** *Fleuroselect Quality Award Winner*. ‘PAS1935’
- **Original Field Grown Mixture** 100% semi-double and fully double flowers. *Fleuroselect Novelty*.

DAHLIA VARIABILIS

Deco Mixture 🌻

Height: 12 in./30 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as filmcoated seed.

Compact and uniform in packs, Deco Mixture is early-flowering with a well-balanced mix of more than 10 bright colours on double and semi-double, 2.5 to 3.5-in./6 to 8-cm blooms. Excellent garden performer with long flowering season. Good in 3.5-in./4-cm pots. *Fleuroselect Novelty*.

DELPHINIUM

Belladonna (Clivedon Beauty)

Casa Blanca

Dasante Blue F1

Diamonds Blue F1

Guardian F1 Series

See Kieft-Pro-Seeds, pages 214-217.

DESCHAMPSIA 🌻

Deschampsia elongata

Zephyr

Height: 6 to 8 in./15 to 20 cm
Spread: 10 to 12 in./25 to 30 cm
USDA Hardiness Zones: Hardy to Zone 7 (0°F/-18°C minimum temperature) in well-drained soil
Supplied as easy-to-sow multi-seed pellets.

This small mound of dainty, fine-textured green grass is a great “touchable” addition to small mixed containers, and is eye-catching at point-of-sale. It is also well-suited to indoor lifestyle plant programs. Quick and easy to grow, Zephyr can be grown and sold as a “mini” for even more sales opportunities. Best-suited to 4 to 6-in./10 to 15-cm pots. **NOTE:** Avoid full sun in hot, dry conditions. Not recommended for in-ground plantings.



Zephyr Deschampsia

Dianthus

With the biggest offering of F1 dianthus, our line-up is selected for versatility, vigour, heat tolerance, colour range and fast crop time.

Pictured: Ideal Select Mixture





Amazon Neon Duo



Amazon Neon Cherry



Amazon Neon Purple



Amazon Rose Magic

DIANTHUS ☀

F1 SINGLE DIANTHUS

DIANTHUS BARBATUS
INTERSPECIFIC**Amazon F1 Series** 🌱 🌱

Height: 18 to 36 in./45 to 90 cm
Spread: 10 to 12 in./25 to 30 cm
USDA Hardiness Zone: Performs as a semi-hardy annual in Zone 7 (0°F/-18°C minimum temperature) and milder.
Supplied as easy-to-sow pelleted seed.

Versatile Amazon performs as an exceptional landscape and bedding plant, showing outstanding heat tolerance. It is also an excellent commercial cut flower, with high yields of saleable stems, and works well as a home garden cut flower. No vernalization is needed for flowering. Very dark green, glossy leaves on strong stems are the perfect backdrop to the bright, serrated-edged flowers for a vibrant head-turning show. In landscapes, Amazon grows to about 24 in./60 cm tall. As a Winter greenhouse-grown cut flower crop, height is up to 36 in./90 cm, with the tallest growth resulting from early Autumn-transplanted plants. Attracts butterflies. Well-suited to gallon or larger pot production.

- **Neon Cherry**
- **Neon Duo** 50:50 mix of Neon Cherry and Neon Purple.
- **Neon Purple** *Royal Horticultural Society Award of Garden Merit.*
- **Rose Magic** Blooms start white and age to pink, then to deep rose; all colours show on individual flower heads. *Royal Horticultural Society Award of Garden Merit.*

🌱 Low energy production

🌱 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Bouquet Rose Magic



Bouquet Purple



Bouquet Rose



Noverna Clown



Noverna Coral



Noverna Crimson



Noverna Pink



Noverna Purple



Noverna Salmon/
White Eye



Noverna Violet



Noverna Formula Mixture

DIANTHUS continued

Bouquet F1 Series 🌱🌱

Height: 18 to 24 in./45 to 60 cm
Spread: 10 to 12 in./25 to 30 cm
USDA Hardiness Zones: 4 to 9
 (-30 to 20°F/-34 to -7°C minimum temperature)

A First Year-Flowering Perennial.
 Supplied as easy-to-sow pelleted seed.

Lacy, slightly scented flowers top strong, well-branched stems that do not need staking. A “must” for landscape programs with season-long flowering and good heat tolerance; also works well in backyard cutting gardens. Well-suited to production in 4-in./10-cm pots and gallons. For commercial cut flower production, Bouquet makes an excellent bouquet filler item with higher yields of saleable stems than other varieties on the market; flowers appear on straight, wiry stems. Greenhouse-grown plants produce longer stems, with finished heights up to 36 in./90 cm.

- **Purple** Best-selling deep lavender colour. Mississippi Medallion Winner for Southern performance and a Minnesota Select Perennial Winner for ability to survive harsh conditions.

- **Rose** Deep rose.

- **Rose Magic** Blooms open white and mature to light pink, then a deep rose colour; shows the most colour variation in high light and cool temperatures of outdoor production.

DIANTHUS BARBATUS

Noverna™ F1 Series

Height: 15 to 18 in./38 to 45 cm
Spread: 10 to 12 in./25 to 30 cm
 Supplied as pelleted seed.

This series of annual Sweet Williams performs well on the bench and goes on to deliver award-winning garden performance. Noverna is supplied with excellent seed quality and does not need vernalization to flower.

The basal-branching, upright plants produce an abundance of blooms in a wide range of striking colours. The large clusters of sweet-scented, single flowers top dark green foliage. Multi-purpose Noverna can be produced for Spring, Summer and early Autumn patio planters and colour bowls.

- **Clown** Flowers open white and mature to purple, pink and salmon. *Fleuroselect Gold Medal Winner.*

‘PAS889173’

- **Coral** ‘PAS889176’

- **Crimson** ‘PAS889179’

- **Pink** ‘PAS889184’

- **Purple** *Fleuroselect Gold Medal Winner.* ‘PAS889186’

- **Salmon/White Eye** ‘PAS889189’


- **Violet** ‘PAS889192’

- **White** ‘PAS889195’

- **Formula Mixture**



Sweet Mixture

Sweet F1 Series **Height:** 18 to 36 in./45 to 90 cm**Spread:** 10 to 12 in./25 to 30 cm**Supplied as easy-to-sow pelleted seed.**

Sweet gives professional greenhouse and field cut flower growers a year-round *D. barbatus* series offered in separate bright solid colours with no vernalization required for first year-flowering. Produces high yields of saleable stems that make an excellent bouquet filler item for florists. First year-flowering plants are very uniform for height and flowering time. Taller growth comes from early, Autumn-transplanted, greenhouse-grown plants. Also makes a tall, top-quality landscape and bedding plant or indoor lifestyle plant, with large, very fragrant, long-lasting blooms on straight, strong stems. The vigorous, basal-branched plants make showy displays – good frost and heat tolerance makes this a season-long favourite. "Cut-and-come-again" flowering and no need for staking make these easy-care plants perfect for backyard cutting gardens. Can be marketed in 6-in./15-cm to gallon containers.

- **Coral** *Royal Horticultural Society Award of Garden Merit.*

- **Purple**

- **Red**

- **Scarlet** Deep scarlet; 3 to 5 days later to flower than others in the series.

- *Royal Horticultural Society Award of Garden Merit.*

- **White** *Royal Horticultural Society Award of Garden Merit.*

- **Mixture**

Wee Willie**Height:** 6 in./15 cm**Spread:** 6 in./15 cm**Supplied as raw seed.**

Early, open-pollinated mixture produces colourful, single blooms on compact plants. Good pack performer.



Sweet Coral



Sweet Purple



Sweet Red




Sweet Scarlet



Sweet White

-  Low energy production

-  Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Ideal Select WhiteFire

DIANTHUS CHINENSIS
X BARBATUS

Ideal Select Series  

Height: 8 to 10 in./20 to 25 cm
Spread: 8 in./20 cm
Supplied as both easy-to-sow pelleted seed and raw seed.

Selected for well-matched habit and tight flowering window so you can bench run faster and ship all together, Ideal Select offers the best colours of the original Ideal series. Early flowering – good for use as an annual or biennial. Bright green leaves contrast well with clusters of brightly coloured, lacy-edged flowers. Well-suited to high-density pack or small pot programs for Spring and Autumn sales.

- **Raspberry**
- **Red**
- **Rose** *Fleuroselect Quality Award Winner, Royal Horticultural Society Award of Garden Merit.*
- **Salmon**
- **Violet** *All-America Selections Classic.*
- **White**
- **WhiteFire** *Royal Horticultural Society Award of Garden Merit.*
- **Mixture** Extremely uniform for timing and habit; includes shades of picotee, rose, violet, red and white.

Ideal Series

Height: 8 to 10 in./20 to 25 cm
Spread: 8 in./20 cm
Supplied as raw seed.

Early-flowering, frost-resistant performers for Spring and Autumn high-density and small pot programs. Produces bright green leaves and clusters of 1.25 in./3 cm-diameter blooms.

- **Blush**
- **Carmine** *Fleuroselect Quality Award Winner.*
- **Cherry**
- **Deep Violet**
- **Fuchsia**
- **Pink**



Ideal Select Raspberry



Ideal Select Red



Ideal Select Rose



Ideal Select Salmon



Ideal Select Violet



Ideal Select White



Ideal Blush



Ideal Carmine





Ideal Cherry



Ideal Deep Violet



Ideal Pink

-  Low energy production
-  Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Floral Lace White

Floral Lace Series ⚡

Height: 8 to 10 in./20 to 25 cm

Spread: 8 in./20 cm

Supplied as both easy-to-sow pelleted seed and raw seed.

Early flowering with the largest blooms of any *D. chinensis x barbatus* dianthus – up to 1.5 in./4 cm across. Performs well in gardens under tough conditions as an annual or biennial. Good for high-density Spring and Autumn pack or small pot programs. Bright green leaves.

- **Cherry**
- **Crimson**
- **Light Pink**
- **Lilac**
- **Pearl White** with pink centre ring.
- **Picotee**
- **Purple**
- **Rose**
- **True Rose**
- **Violet**
- **Violet Picotee**
- **White**
- **Mixture**



Floral Lace Cherry



Floral Lace Crimson



Floral Lace Light Pink



Floral Lace Pearl



Floral Lace Picotee



Floral Lace Rose



Floral Lace True Rose



Floral Lace Violet



Floral Lace Violet Picotee



Dynasty Red



Dynasty Orchid



Dynasty Pink Magic



Dynasty Purple



Dynasty Red



Dynasty Rose Lace



Dynasty White Blush

F1 DOUBLE DIANTHUS
Dianthus barbatus interspecific

Dynasty Series ⚡

Height: 16 to 20 in./40 to 50 cm

Spread: 10 in./25 cm

USDA Hardiness Zone: 6 to 9 (-10° to 20 F/-23° to -7 C minimum temperature)

A First Year-Flowering Perennial. Supplied as easy-to-sow pelleted seed.

Unique dianthus has double, lightly scented blooms that look like mini-carnations. Very well-branched, upright and strong-stemmed, Dynasty varieties are excellent landscape and garden performers that double as a great backyard cut flower. Good novelty pot plants for Valentine's Day and Mother's Day. Suitable for premium packs and small pots to gallon containers, responding well to growth regulators applied for pot plant height and tighter umbels. Fast-blooming plants are well-suited to early Spring and Autumn sales. Cold tolerance is similar to the Ideal Select series. Grows well in premium packs, 6-in./15-cm pots and gallons. Suitable for greenhouse, field or garden cut flower production.

- **Orchid** Light purple/lavender; matches White Blush for habit. *Royal Horticultural Society Award of Garden Merit.*
- **Pink Magic** Flowers open white, then light pink, and mature to dark pink; optimal colour pattern results from high light and cool night temperatures. Matches White Blush for habit.
- **Purple** Deep rich purple.
- **Red** Dark velvety red.
- **Rose Lace** Deep rose with a fine white edge.
- **White Blush** White with attractive rosy-pink blush that varies with environmental conditions.
- **Mixture** Well-matched mix includes Rose Lace, White Blush, Orchid and Pink Magic.



Diamonte Coral Rose Diascia



Diamonte Lavender Pink Diascia

DIASCIA 🌻🌻
Diascia barbara

Diamonte F1 Series ⚡

Height: 10 to 12 in./25 to 30 cm

Spread: 12 to 14 in./30 to 35 cm

New! Diamonte is now supplied as raw seed for increased uniformity.

This seed-grown Diascia can be grown easily and economically, with the “no pinch” plants branching better, and growing fuller and more densely than cutting varieties. Well-suited to premium pack and pot sales. Delicate flowers blanket full, mounded plants in Spring and Autumn containers and landscapes. Also flowers in Winter in mild climates in Florida, coastal California and Mediterranean areas. Diamonte will bloom lightly with warmer temperatures in partial shade. NOTE: It is recommended to sow 4 raw seeds per cell for uniform emergence and full trays, which will reduce the labour needed to gap-up and patch plug trays.

- Coral Rose All-America Selections Cool Season Winner.
- Lavender Pink

DICHONDRA 🌻🌻

DICHONDRA ARGENTEA

Silver Falls ⚡

Height: 2 to 3 in./5 to 7 cm in the ground

Spread/Length: 3 to 4 ft./90 cm to 1.2 m; up to 6 ft./1.8 m in areas with a longer growing season

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.

Seed-grown accent plant is covered with very small, rounded, silver leaves on silver stems. Vigorous Silver Falls has a true cascading habit, making it an excellent choice for mixed containers or as a single hanging basket item. Performs as a low-growing groundcover, but requires well-drained soils due to the ground-hugging habit. Also well-suited to indoor lifestyle plant programs. Very heat and drought-tolerant; recovers quickly if wilted. No pinching is needed to produce the well-branched plants. Well-suited to 306 premium packs, 4 to 6-in./10 to 15-cm pots, and 10 to 14-in./25 to 35-cm baskets.



Silver Falls Dichondra with Shock Wave Electric Mixture Petunia and Snowtopia Bacopa



Silver Falls Dichondra

⚡ Low energy production

⚡ Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Emerald Falls Dichondra with Chocolate Mint Coleus and Black Pearl Ornamental Pepper



Emerald Falls Dichondra

DICHONDRA REPENS

Emerald Falls

Height: 2 to 4 in./5 to 10 cm in the ground

Spread/Length: 3 ft./90 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as easy-to-sow multi-seed pellets.

Excellent for baskets and mixed containers, as well as indoor lifestyle plant programs, Emerald Falls creates a denser, tighter and shorter accent plant than Silver Falls, without pinching or PGRs. Medium green leaves are more rounded and held closer to the stem. Good for hanging baskets, and also performs well as a heat-tolerant, low-growing groundcover. Easy to handle and grow – branches heavily early to completely cover the pot before runners can tangle. Good in 306 premium packs, 4 to 6-in./10 to 15-cm pots, and 10 to 14-in./25 to 35-cm baskets.

DIGITALIS

Foxy

See Kieft-Pro-Seeds, page 218.

DILL

See Vegetables & Herbs, page 165.

DUSTY MILLER ☀️

Cineraria maritima/Senecio cineraria

Silverdust ❄️

Height: 10 in./25 cm

Spread: 10 in./25 cm

Supplied as raw and primed/pelleted seed.

Finely cut, silvery white, velvety foliage on uniform plants. The striking leaves are superb for adding contrast and texture to beds and borders. The size and uniform habit also make Silverdust perfect for container plantings. Seed is graded for more uniform germination.

ECHINACEA

PowWow™ Series

See Kieft-Pro-Seeds, page 220.

ERAGROSTIS

Wind Dancer

Part of the ColorGrass™ collection – see page 28.

ERYSIMUM

Citrona™ Series

See Kieft-Pro-Seeds, page 222.

EUSTOMA

See Lisianthus, page 71.

FANTASTIC FOLIAGE™

See page 42.

FESTUCA

Festina

Part of the ColorGrass™ collection – see page 29.

FIBER OPTIC GRASS

See Isolepis in ColorGrass™, page 29.

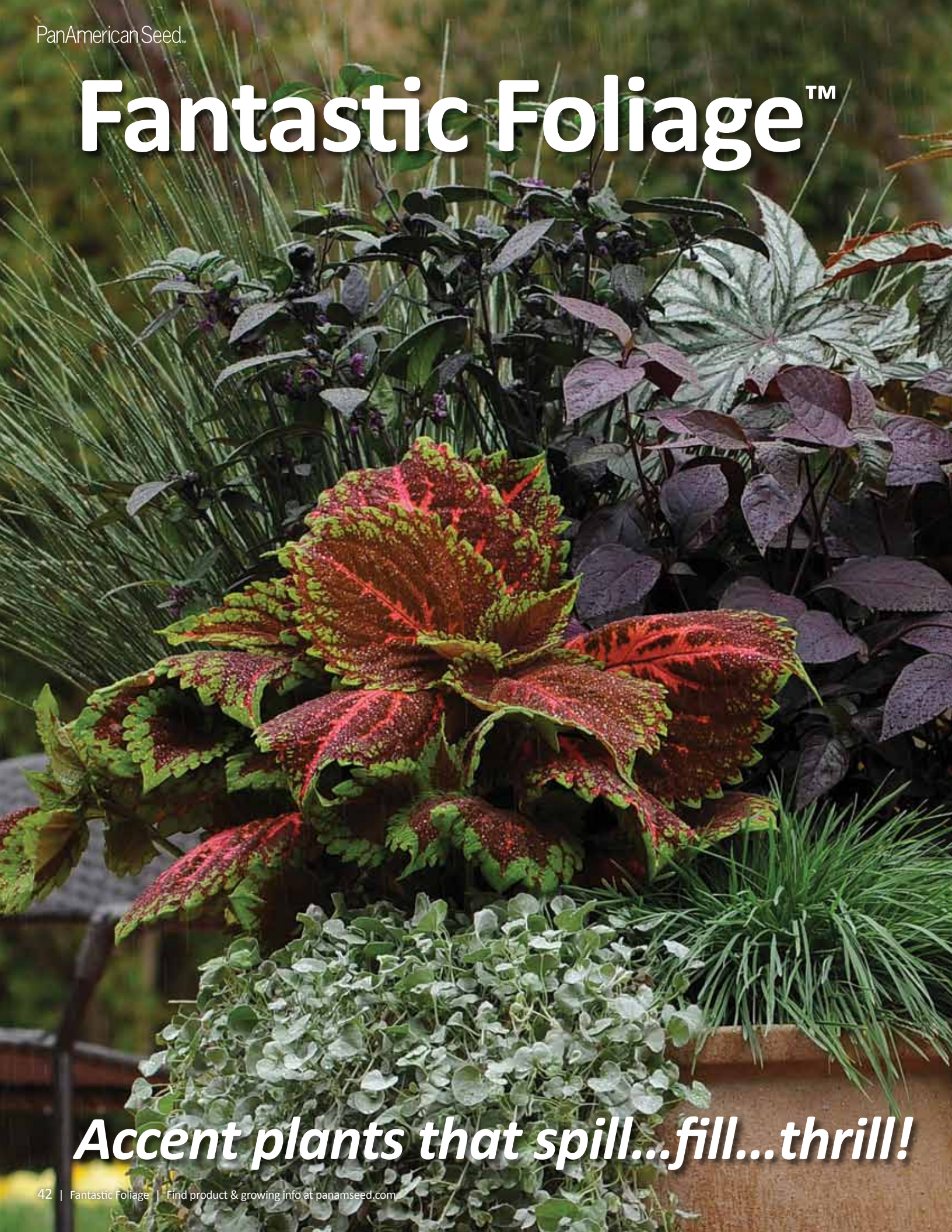
FRAGARIA

See Strawberry, page 159.



Silverdust Dusty Miller

Fantastic Foliage™



Accent plants that spill...fill...thrill!



Award-winning lineup from seed increases your profits with premium accent plants for mixed containers and gardens.

Bring in the comprehensive program and create great, all-in-one retail presentations.

These are the varieties that add top-quality shape, texture, and designer colours to today's plantings. Turn the page for the Fantastic Foliage lineup.

Habit, height, texture, colour...more fantastic choices



Maracas Brazilian Fireworks

Silver Falls Dichondra

Emerald Falls Dichondra

Emerald Lace Plectranthus

Silver Mist Helichrysum

Gryphon Begonia

Chocolate Splash Coleus

Calico F1 Orn. Pepper

Fantastic Foliage®	Page	Habit	Color Group	Exposure	Height	Containers	Features
Maracas Brazilian Fireworks (<i>Porphyrocoma pohliana</i>)	16	Low	Silver/Green		6-8 in./ 15-20 cm	306 pack, 4 in./10 cm, 6 in./15 cm	Heat-loving plant for shady gardens or as indoor gift plant.
Emerald Falls Dichondra	41	Low	Silver/Green		2-4 in./ 5-10 cm	306 pack, 4 in./10 cm, 6 in./15 cm, 10-14 in./25-35 cm basket	Dense habit cascades over walls, containers and baskets.
Silver Falls Dichondra	40	Low	Silver/Green		2-3 in./5-7 cm	306 pack, 4 in./10 cm, 6 in./15 cm, 10-14 in./25-35 cm basket	Chosen as one of the Plants of Merit in 2009 at the Missouri Botanic Garden. Features a true cascading habit for containers and baskets.
Silver Mist Helichrysum	55	Low	Silver/Green		6-8 in./ 15-20 cm	306 pack, 4 in./10 cm, 6 in./15 cm*	Beautiful accent in landscapes and mixed containers.
Purple Lady Iresine (Not pictured)	69	Low	Burgundy/ Purple		6-8 in./ 15-20 cm	306 pack, 4 in./10 cm, 10-12 in./25-30 cm basket, Gallon*	Ideal for containers, hanging baskets and beds.
Emerald Lace Plectranthus	141	Low	Silver/Green		6-8 in./ 15-20 cm	306 pack, 4 in./10 cm, 6 in./15 cm*, Gallon*	Tough-as-nails performer in the ground or in containers. Variegated leaves are textured.
Gryphon Begonia	13	Med.	Silver/Green		14-16 in./ 35-40 cm in shade, 12-14 in./ 30-35 cm in partial sun	4.5 in./11 cm, 6 in./15 cm, 8 in./20 cm	Amazing foliage on a very durable plant. Great for both indoors and out. May grow to 30 in./75 cm tall in hot/humid conditions.
Chocolate Mint Coleus (Not pictured)	20	Med	Green/ Burgundy		14-20 in./ 35-50 cm	306 pack, 4 in./10 cm, 6 in./15 cm*	Pairs well with Chocolate Splash and Dark Chocolate in containers.
Chocolate Splash Coleus	21	Med.	Green/ Burgundy		12-16 in./ 30-40 cm	306 pack, 4 in./10 cm, 6 in./15 cm*	One of the "Best of the Best" for 2009 at the University of Georgia trial gardens.
Black Pearl Ornamental Pepper	115	Med.	Burgundy/ Purple		14-18 in./ 35-45 cm	4 in./10 cm, 6 in./15 cm, Gallon	Dark foliage plant. <i>All-America Selections Winner</i> .
Calico F1 Ornamental Pepper	115	Med.	Burgundy/ Purple		10-12 in./ 25-30 cm	4 in./10 cm, 6 in./15 cm, Gallon	Eye-catching, variegated foliage in purple, cream and green.
Purple Flash Ornamental Pepper	115	Med	Burgundy/ Purple		13-15 in./ 33-38 cm	4 in./10 cm, 6 in./15 cm, Gallon	Foliage is almost black with flashes of bright purple.

Low: 2 to 8 in./5 to 20 cm; Med: 8 to 18 in./20 to 45 cm; Tall: 18 in./45 cm and taller

*3 plants per pot

**2 plants per pot

Grow fantastic accent plants from



New Jealousy
Leysteria

Purple Flash
Orn. Pepper

Purple Knight
Alternanthera

Kong Red
Coleus




















Dark Chocolate
Coleus

Limón
Talinum

Black Pearl
Orn. Pepper

Jester
Orn. Millet

Purple Majesty
Orn. Millet

Fantastic Foliage®	Page	Habit	Color Group	Exposure	Height	Containers	Features
Silver Crest Plectranthus (Not pictured)	141	Med.	Silver/Green	 	8-10 in./ 20-25 cm	4 in./10 cm, 10 in./25 cm*, Baskets*	Easy-to-grow, stress-tolerant, compact plants with fuzzy foliage.
Peek-A-Boo Spilanthes (Not pictured)	159	Med.	Mixed		12-15 in./ 30-38 cm	306 pack, 4 in./10 cm, 6 in./15 cm*	Olive-shaped flowers with burgundy-red "eyes" – a real eye-catcher in combos or beds.
Purple Knight Alternanthera	4	Tall	Burgundy/ Purple		18-36 in./ 45-90 cm	306 pack, 4 in./10 cm, 6 in./15 cm, 8-10 in./20-25 cm*	A Mississippi Medallion winner. Vigorous and upright plants for containers or landscape.
Dark Chocolate Coleus	21	Tall	Green/ Burgundy	 	24-30 in./ 60-75 cm	5 in./13 cm*	Excellent rating at the Massachusetts Horticultural Society 2009 trial.
Kong™ Series Coleus	22	Tall	Mixed	 	18-20 in./ 45-50 cm	5 in./13 cm, 8 in./20 cm**, 10 in./25 cm*	Huge leaves with unique, intricate color patterns.
New Mahogany Splendor Hibiscus (Not pictured)	56	Tall	Burgundy		36-60 in./ 90-150 cm	4 in./10 cm, 6 in./15 cm, Gallon	Deep burgundy, maple-shaped leaves. Drought, heat resistant. Beautiful in landscapes and large pots.
New Jealousy Leycesteria	70	Tall	Green	 	36-60 in./ 90-150 cm	306 pack, 4 in./10 cm, 6 in./15 cm, Gallon	Chartreuse foliage and big shape make a statement as an annual, perennial or shrub. Pairs well with other vigorous varieties in large containers.
Jester F1 Ornamental Millet	95	Tall	Green/ Burgundy	 	36-48 in./ 90-120 cm	4 in./10 cm*, 6 in./15 cm*, Gallon	Foliage changes from chartreuse to bronze to deep purple at maturity.
Purple Majesty F1 Ornamental Millet	95	Tall	Burgundy/ Purple	 	48-60 in./ 120-150 cm	4 in./10 cm*, 6 in./15 cm*, Gallon	For mass plantings and large containers. <i>All-America Selections Gold Medal Winner.</i>
Silver Shield Plectranthus (Not pictured)	141	Tall	Silver/Green	 	24-30 in./ 60-75 cm	4 in./10 cm, Gallon**	Large, silvery, fuzzy foliage – a vigorous, upright component in mixed containers or landscape.
Limón Talinum	160	Tall	Green		28-32 in./ 70-80 cm	306 pack, 4 in./10 cm*	Good vigor and handles stress – including heat and drought!
Verde Talinum (Not pictured)	160	Tall	Green		32 in./80 cm	4 in./10 cm	Great late Summer performer – 2009 report by Dr. Brent Pemberton, Texas A&M.

Be sure to check out our **ColorGrass™** ornamental grass collection on page 25 for the broadest range of colour and texture.

PanAmerican Seed.

Fuseables™



Revolutionize how you grow combos!



Multi-Pellet Silk N' Satin



Plug Silk N' Satin

Easy-to-grow Fuseables multi-pellets are specially formulated to deliver a balanced mix of two to three varieties. Selected and tested for assured success, they germinate and grow compatibly to produce more natural-looking mixes at retail that continue to look great throughout the season.



Fuseables give you choices in colour, texture, variety and species.



Silk N' Satin
Multi-Species Fuseables



New Utopia Bacopa



New Under the Sun Coleus

FUSEABLES™

Available in both single-species and multi-species choices, economical Fuseables multi-seed pellets are supplied with a 95% minimum germination standard. Crop time fits in with normal bedding production – 8 to 12 weeks from sow to finish. Perfect for growing in colour bowls, hanging baskets or large patio containers, 3 to 5 plugs per pot.

NEW SINGLE SPECIES BACOPA

New Utopia

Includes Blutopia™ and Snowtopia™ bacopa.

NEW SINGLE SPECIES COLEUS

New Under the Sun

Includes Versa Crimson Gold and Versa Lime Coleus. Great for both sun and shade.

SINGLE SPECIES JUNCUS

Twisted Arrows

Includes Blue Arrows Juncus and *Juncus effusus spiralis* (curly juncus). Find additional information on page 70.

Twisted Dart

Includes Blue Dart Juncus and *Juncus effusus spiralis* (curly juncus). Stays more compact for the South, and can be used as centre item in hanging baskets or mixed containers. Find additional information on page 70.

SINGLE SPECIES LOBELIA

These four Fuseables each combine early and late-blooming lobelia for a long-lasting display of colour.

Bed O' Roses

Includes Riviera Rose and Rosamond lobelias.

Blues Brothers

Includes Riviera Midnight Blue and Crystal Palace lobelias.

O' Blue Eyes

Includes Riviera Blue Eyes and Mrs. Clibran lobelias.

White Knights

Includes Rivera White and White Lady lobelias.



Twisted Arrows Juncus



Twisted Dart Juncus



Bed O' Roses Lobelia



Blues Brothers Lobelia



O' Blue Eyes Lobelia



Blueberry Lime Jam Petunia



New Burgundy Starlight Petunia



Key Lime Parfait Petunia



New Pink Dream Petunia

SINGLE SPECIES PETUNIA

Blueberry Lime Jam

Includes Sophistica Lime Green (exclusive to Fuseables) and Dreams Midnight petunias.

New Burgundy Starlight

Includes Easy Wave™ Burgundy Star and Dreams Burgundy petunias.

Flirtini

Includes Debonair Lime Green and Carpet Rose petunias.

Key Lime Parfait

Includes Sophistica Lime Green (exclusive to Fuseables), Dreams Red and Dreams White petunias.

New Pink Dream

Includes Debonair Dusty Rose and Madness Pink petunias. *Available in North America only.*

New Vogue

Includes Shock Wave™ Ivory and Madness Lavender Glow petunias. *Available in North America only.*

MULTI-SPECIES

New Blue Dawn

Includes Easy Wave™ Rosy Dawn petunia and Blutopia™ bacopa.

Cotton Candy

Includes Shock Wave™ Pink Vein petunia and Blutopia™ bacopa.

Silk N' Satin

Includes Shock Wave™ Pink Shades petunia and Snowtopia™ bacopa.



New Vogue Petunia



New Blue Dawn Multi-Species



Silk N' Satin Multi-Species



Flirtini Petunia



Cotton Candy Multi-Species

Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.

NEW New Day

New Day's compact, sturdy plants are super-holdable at retail!

F1 GAILLARDIA

Mesa Series

See Kieft-Pro-Seeds, page 224.

GAZANIA 🌻

F1 GAZANIA RIGENS

New New Day F1 Series 🌱 🌱

Height: 8 to 10 in./20 to 25 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as easy-to-sow coated seed.

It's the dawn of a new day in gazanias! Bred to deliver larger flowers, shorter peduncles and beefier-looking plants, New Day is more compact and easier to produce for growers, and offers better holdability at retail. Landscapers and consumers will appreciate this drought-tolerant series for its excellent performance in containers and baskets, as well as a garden edging or groundcover. Well-suited to high-density pack programs.

- **Bronze Shades** Red to bronze shades. 'PAS883182'
- **Clear Orange** Bright orange with no dark central ring. 'PAS753444'
- **Pink Shades** Rose colouring with pink. 'PAS761090'
- **White** White to cream shades. 'PAS883194'
- **Yellow** Bright yellow with dark central ring. 'PAS883196'
- **Mixture** Vibrant mix includes all colours plus distinctive rose stripe variety.

🌱 Low energy production

🌱 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



New New Day Clear Orange



New New Day Bronze Shades



New New Day Mixture

Daybreak F1 Series

Height: 8 to 10 in./20 to 25 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as easy-to-sow coated seed.

Unique striped colour patterns on the popular daisy-shaped flowers make this pair real “shopper magnets.” The drought-tolerant plants are durable and easy-to-grow, with excellent performance in beds, containers and hanging baskets, as well as edgings or groundcovers.

- **Red Stripe** Unique colour – bright yellow with medium red stripes. *Fleuroselect Gold Medal Winner.*

- **Rose Stripe** Creamy white with striking magenta-rose stripes.

Tiger Mixture F1

Height: 8 to 10 in./20 to 25 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as easy-to-sow coated seed.

Striking mixture includes creamy white blooms with rose stripes, bright yellow blooms with red stripes, and variations on those two striped colour patterns. Large, free-flowering blooms top compact, short-stemmed plants in sunny beds and containers.



New New Day White



New New Day Pink Shades



New New Day Yellow



Daybreak Red Stripe



Daybreak Rose Stripe



Tiger Mixture



Kontiki Mixture Gazania



Sunshine Mixture Gazania



Summer Showers Mixture Geranium



Summer Showers Burgundy Geranium



Summer Showers Fuchsia Geranium



Summer Showers White Blush Geranium

F1 GAZANIA SPLENDENS

Kontiki F1 Mixture

Height: 8 to 10 in./20 to 25 cm
Spread: 6 to 10 in./15 to 25 cm
Supplied as raw seed.

Early, uniform, dark green-leaved mix includes more than 20 solid, bicolour and eyed varieties. No PGRs are needed in production to maintain the compact habit. Strong, floriferous garden performer.

TETRAPLOID GAZANIA

Sunshine Mixture

Height: 12 in./30 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as cleaned seed.

Long-blooming mix includes cream, yellow, orange, pink and red shades, with some striped flowers. Upright plants are excellent for the bedding market as a landscape-performing garden plant. Later to bloom than the Daybreak types, with larger flowers and robust growth. Ideal for packets, the Summer container market and roadside hydro-mulching operations.

GERANIUM, IVY 
Pelargonium x peltatum

Summer Showers Series

Height: 12 to 15 in./30 to 38 cm
Spread: 12 to 15 in./30 to 38 cm
Supplied as raw seed.

Summer Showers has a vigorous, upright habit so branches don't interlock on the bench and plants can be tightly spaced for simpler production. Big, informal flower heads and distinctive ivy leaves create a beautiful cascade from baskets, tubs and window boxes, and make an excellent component in mixed containers. Well-matched across the series both on the bench and in the garden, with great outdoor performance and holding power in hot, humid climates. Flowers quickly from seed, making it ideal for the 4-in./10-cm mass market. Allow an additional 15 to 20 days for baskets in full flower.

- **Burgundy** Brilliant burgundy shades may include up to 8% lavender.
- **Fuchsia** Deep rose colour. Very nice compact habit is similar to White Blush.
- **White Blush** Bright white florets with pink "whiskers" turn to light pink at maturity. Tidy, compact habit.
- **Mixture** Includes White Blush, plus red, pink, lavender, magenta, scarlet and rose shades.



Fireworks Gomphrena

**GERANIUM,
OPEN-POLLINATED** ☀️
Pelargonium x hortorum

Paintbox Mixture

Height: 18 in./45 cm

Spread: 12 to 14 in./30 to 35 cm

Supplied as scarified seed.

More compact than most O.P. varieties, with blooms in a blend of scarlet, salmon, pink, magenta, white and bicolor. Excellent for mail order and colour packets.

GOMPHRENA ☀️
Gomphrena sp.

Fireworks 🌊

Height: 4 ft./1.2 m

Spread: 4 ft./1.2 m

Supplied as coated seed.

More blooms per plant than other gomphrenas plus its unique “scaffolding” habit give Fireworks the exceptional flower power that makes it sparkle at retail, then explode with colour in landscapes and containers. The vigorous, “tough as nails” plants are topped by long-lasting, intense hot pink flowers tipped with bright yellow. Drought-tolerant and low-maintenance Fireworks resists weather damage and provides an attractive architectural element for the landscape. It’s also an excellent choice for mixed cut flower bouquets. Easy to produce on the bench, Fireworks stays compact as a plug. Well-suited to high-margin gallon programs. Suitable for field or garden cut flower production. Mississippi Medallion Award winner.

🌊 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Fireworks Gomphrena



Dakota Gold Helenium



Dakota Gold Helenium



Choco Sun Helianthus



Ballard Helianthus



Choco Sun Helianthus

GRASSES

See ColorGrass™, page 25.

Also see Deschampsia (page 33) and Juncus (page 70).

HELENIUM

Helenum amarum

Dakota Gold

Height: 12 to 14 in./30 to 35 cm

Spread: 24 to 28 in./60 to 70 cm

Supplied as easy-to-sow multi-seed pellets.

A tough annual that provides a reliable yellow flower for sunny Summer landscapes, this easy-care helenium performs from hot and dry to cool and rainy. Strong-growing and compact, the mounded plants are covered with bright golden yellow blooms over fine-textured foliage. Quick crop time – goes from sow to Spring premium pack sales in 9 to 11 weeks. Grow under long days for the best habit and vigour. North Texas Winner's Circle Award; Japan Flower Selections Certificate of Merit as Best Flower Award. U.S. Plant Variety Protection Number 200600009.

HELIANTHUS (SUNFLOWER)

Helianthus annuus

Ballad F1

Height: 24 to 30 in./60 to 75 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as coated seed.

This dwarf sunflower makes an excellent florist gift item or indoor lifestyle plant with long retail shelf life; also well-suited to warm weather landscape markets like Florida. The pollen-free plants do not aggravate allergies and there is no messy pollen to drop on furniture. Very mildew-tolerant Ballad produces well-formed, 4 to 5-in./10 to 13-cm, bright golden yellow flowers with darker bronze centres over shiny green foliage. Plants flower at a shorter height under short days; under long days in the Summer, plants are taller without growth regulators. Seed can be direct sown into 4 to 6-in./10 to 15-cm pots for easy production.

Choco Sun

Height: 10 to 12 in./25 to 30 cm

Spread: 12 to 14 in./30 to 35 cm

Supplied as filmcoated seed.

Very compact, well-branched plants produce lemon-yellow flowers with dark chocolate brown centres over very dark green leaves. Sets a large bloom on the central stalk, with several smaller flowers on side shoots. The excellent uniformity and earliness allow for easy scheduling and deliver a high yield of salable plants. Ideal for containers, window boxes and gardens. Plant Breeder's Rights/Plant Variety Protection.



Miss Sunshine Helianthus



Prado Gold Helianthus



Prado Red Shades Helianthus



Chico Red Helichrysum



Silver Mist Helichrysum

Miss Sunshine F1

Height: 10 to 16 in./25 to 40 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as coated seed.

This delightful dwarf sunflower offers an array of benefits to growers, retailers and gardeners. Easy and economical to produce, mildew-tolerant Miss Sunshine needs fewer PGRs and will flower at a shorter height under short days. These pollen-free plants do not aggravate allergies and there is no messy pollen to drop. The 3 to 4-in./7 to 10-cm, sunny golden-coloured blooms “face up” for big retail impact, and produce long-lasting colour for the consumer, with a fast flush of secondary flowers. Miss Sunshine is perfect for containers and mixed pots; it also makes a great indoor lifestyle plant or florist gift item, and fits well into some warm-weather landscape markets like Florida.

Prado Series

Height: 4 to 5.5 ft./1.2 to 1.65 m
Supplied as coated seed.

Very early-flowering Prado offers a totally unique type of multi-flowering cut flower sunflower. Approximately 7 to 10 stems per plant may be harvested when the main stem is pinched at the fifth set of true leaves. The dark-centred flowers are 6 in./15 cm in diameter. Very low humidity or very high light levels can reduce stem length. Harvest in approximately 10 to 12 weeks. Suitable for greenhouse, field or garden cut flower production.

- **Gold** Deep gold. *Fleuroselect Quality Award Winner.*
- **Red Shades** Pollen-free.

HELICHRYSUM 🌻

HELICHRYSUM BRACTEATUM
 (STRAWFLOWER)

Chico Red

Height: 12 to 15 in./30 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Award-winning, compact helichrysum is the most dwarf on the market, and an interesting late Spring and early Summer item for baskets and patio containers. Plants bloom for about 6 to 8 weeks after placement in the garden, with larger, fuller flowers than other series. Can be used in 4-in./10-cm pots and colour bowls. Long-day bloomer that likes 14-hour days should be grown cool and avoid ammonium fertilizer to keep foliage compact. *Fleuroselect Quality Award Winner.*

HELICHRYSUM MICROPHYLLUM
 (PLECTOSTACHYSERPHYLLIFOLIA)

Silver Mist 🌿

Height: 6 to 8 in./15 to 20 cm
Spread: 18 to 24 in./45 to 60 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as easy-to-sow multi-seed pellets.

Finely textured silver foliage and silver stems make Silver Mist a beautiful accent plant for mixed containers and landscapes, as well as an indoor lifestyle plant. Full, mounded and spreading plants branch well without pinching. Each round to oval leaf is just 0.25 in./0.6 cm long, in a silver colour that intensifies with more light; under lower light, such as early Spring in the greenhouse, the foliage appears more green. Well-suited to 306 premium packs and 4 to 6-in./10 to 15-cm pots.

🌿 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Mahogany Splendor Hibiscus

HIBISCUS 🌞

HIBISCUS ACETOSELLA

New Mahogany Splendor

Height: 3 to 5 ft./0.9 to 1.5 m
Spread: 24 to 30 in./60 to 75 cm
USDA Hardiness Zones: 8 to 9
 (10 to 30°F/12 to -1°C minimum temperature)

A Fantastic Foliage™ selection – see page 42.

Supplied as scarified seed.

This all-new “thriller” joins our Fantastic Foliage collection of premium seed-grown accent plants, adding awesome colour and dramatic height! Mahogany Splendor features deep burgundy, maple-shaped leaves with serrated edges – an attractive look similar to a Japanese Maple. Ideally suited to the landscape, this drought and heat-resistant variety also combines well in containers with other vigorous sun-loving plants. Can be grown directly in the water as a pond plant. Deer resistant. **NOTE:** The foliage will have green/rust tones in the greenhouse, but will mature to burgundy in full sun outdoors.

HIBISCUS MOSCHEUTOS

Luna F1 Series

See Kieft-Pro-Seeds, page 233.

HYPOESTES 🌞

Hypoestes phyllostachya

Splash Select Series

Height: 10 to 18 in./25 to 45 cm
Spread: 12 to 14 in. /30 to 35 cm
Supplied as raw seed.

The grower’s choice for mass-market pot production, Splash Select is widely used in 4-in./10-cm programs, reaching saleable size in 12 weeks and offering excellent shipping tolerance and shelf life. Crop time can be reduced by planting multiple-sown young plants in each pot. Typically grown as an indoor lifestyle plant, heat-tolerant hypoestes can be offered along with other Spring annuals and is ideal for shaded garden beds.

- Pink
- Red
- Rose
- White



Mahogany Splendor Hibiscus



Splash Select Pink Hypoestes



Splash Select Red Hypoestes



Splash Select Rose Hypoestes



Splash Select White Hypoestes

Impatiens production solutions

Bring in PanAmerican Seed impatiens and you'll be growing and selling the best, most innovative products on the market.

Our breeding and product development team is focused on developing high-performance varieties with high seed quality and consistent, deliverable inventory.

Within our assortment, you'll find a series to meet every need.

Impatiens quick reference solutions chart

Since the introduction of the Elfin series, PanAmerican Seed has been a pioneer in developing impatiens by bringing you unique colours, patterns and species with an emphasis on professional quality throughout.

This trailblazing spirit continues today with the introduction of Impreza. The chart here provides a quick reference for each series to help you select the right impatiens product for your market.



Impreza™

SERIES

OUTSTANDING FEATURES

Best holdability

HABIT & VIGOUR

Less stretch due to innovative plant structure potentially reduces PGR needs

OPTIMAL PRODUCTION CONTAINER

Small cell for high-density production

COLOUR RANGE

Top-selling core colours

FLOWERING

5 to 7-day bloom window

Where there's a need, there's a



Super Elfin™ XP

Best uniformity in a broad colour range



Super Elfin™ Standard

Must-have colours to round out the widest impatiens offering



Jungle Gold

Exotic yellow for your impatiens program



Divine

Proven garden performance and easy-to-make mixes

Most uniform habit, vigour and timing

Moderate vigour

Free-flowering, vigorous plants

Well-branched New Guinea with moderate vigour

Most versatile

Versatile

4.5-in./11-cm containers and larger

306 pack and larger

Large range of core colours and novelty patterns

Unique and specialty colours

Yellow

Well-matched colour range

5 to 7-day bloom window across the widest colour range

Compatible with Super Elfin XP

Orchidlike blooms

One-week flowering window

PanAmerican Seed impatiens.

PanAmericanSeed.

Impreza™

Impreza impatiens buy you a week at retail.

IMPATIENS 
Impatiens walleriana

F1 SINGLE IMPATIENS

Impreza™ Series 

Height: 6 to 8 in./15 to 20 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

Breeding breakthrough Impreza offers a streamlined range of the top-selling colours plus unique patterns in one of the most grower and retailer-friendly impatiens series available. Reduced apical dominance, decreased internode length and good soil coverage combine to produce easy-to-manage plants that have less upward stretch and potentially need fewer growth regulators – Impreza is the perfect fit into high-density programs. All 9 colours finish in a tight, 5 to 7-day window for efficient shipping and flexibility to adjust the colour assortment to meet seasonal/regional and market needs. In the store, Impreza is proven to deliver the longest shelf life of any impatiens to extend sales and reduce dump. Garden fill is good, and plants stay full and nice-looking all season with less lodging.

- **Blue Pearl** 'PAS774961'
- **Cherry Splash** 'PAS774965'
- **New Pink** Soft pink with eye. 'PAS842481'
- **Pink Splash** 'PAS774966'
- **Red** 'PAS774967'
- **Rose** 'PAS774968'
- **Salmon** 'PAS774970'
- **Violet** 'PAS774971'
- **White** 'PAS774972'
- **Formula Mixture** All colours.
- **New Passion Mixture** Pink, Rose and Violet.
- **Pink Spring Mixture** Pink Splash, Rose and White.
- **Rally Mixture** Pink Splash, Red, Salmon, Violet and White.
- **Red White Mixture**
- **South Beach Mixture** Red, Salmon and Violet.
- **Watercolor Mixture** Blue Pearl, Pink Splash and White.
- **Wedgewood Mixture** Blue Pearl, Violet and White.



Blue Pearl Cherry Splash New Pink Pink Splash Red



Rose Salmon Violet White



Formula Mixture



New Passion Mixture



Pink Spring Mixture



Rally Mixture



Red White Mixture



South Beach Mixture



Watercolor Mixture




Wedgewood Mixture



The plant "skeleton" of Impreza plants (left) results in better holdability than the competition (right).



▶ Watch the video online at panamseed.com/ImprezaVideo ◀

 Little or no chemical needs

See page 191 for more on the Circle of Life™ EcoIndex program.

Super Elfin™ XP

Bring in the best uniformity across a broad colour range with Super Elfin XP.

F1 SINGLE IMPATIENS continued

Super Elfin™ Series

Height: 8 to 10 in./20 to 25 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed. See page 168 for more information on XP varieties.

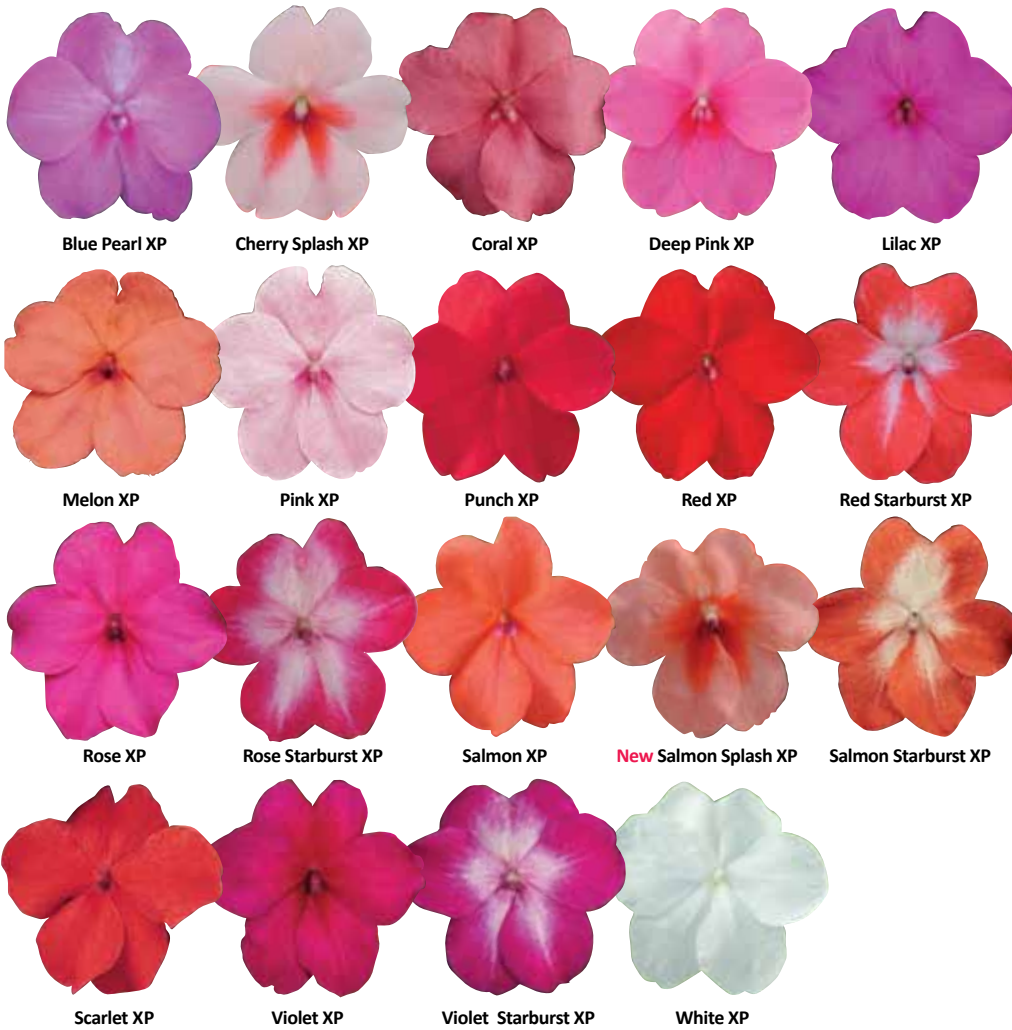
Super Elfin XP features uniformity in habit, vigour and timing across a very broad colour range. The XP varieties deliver a tight, 5 to 7-day flowering window across all colours – core and novelty – so all plants ship at the same time to meet market dates. XP assures exceptionally uniform habit and plant vigour, consistency of early flowering and bigger blooms than the competition. The broad colour range lets you mix and match any Super Elfin XP variety to achieve the most uniform impatiens crop.

Super Elfin XP varieties:

- **Blue Pearl XP** 'PAS97382'
- **Cherry Splash XP** 'PAS746357'
- **Coral XP** 'PAS320590'
- **Deep Pink XP** 'PAS538964'
- **Lilac XP** 'PAS746358'
- **Melon XP** 'PAS320590'
- **Pink XP** 'PAS320591'
- **Punch XP** Bold colour is similar to a maraschino cherry. 'PAS538965'
- **Red XP** 'PAS92781'
- **Red Starburst XP** Replaces Star Cherry XP with a more stable starburst pattern surrounded by vibrant red. U.S. Utility Patent Number 5,986,188, 'PAS751931'
- **Rose XP** 'PAS751932'
- **Rose Starburst XP** Stable starburst pattern. U.S. Utility Patent Number 5,986,188, 'PAS774973'
- **Salmon XP 2411** 'PAS2411'
- **New Salmon Splash XP** Orange-salmon eye on lighter orange-salmon background; eye becomes more prominent as the blooms mature. 'PAS842482'
- **Salmon Starburst XP** Stable white starburst pattern surrounded by bright salmon. U.S. Utility Patent Number 5,986,188, 'PAS409672'
- **Scarlet XP** 'PAS2405'
- **Violet XP** 'PAS751935'
- **Violet Starburst XP** U.S. Utility Patent Number 5,986,188, 'PAS751936'
- **White XP** 'PAS91731'
- **Bold Mixture XP** Violet, Blue Pearl and Punch.
- **Clear Mixture XP** Solid XP colours include Red, White, Violet, Rose, Pink, Salmon, Coral, Blue Pearl and Punch.
- **Formula Mixture XP** All Super Elfin XP colours, including the stars.
- **Hot Mixture XP** Punch, Scarlet, Violet and Red.
- **Red White Mixture XP**
- **Starburst Mixture XP** Red Starburst, Rose Starburst, Salmon Starburst and Violet Starburst.
- **Stellar Mixture XP** Punch, Salmon, Red Starburst, Salmon Starburst and White.

Super Elfin Standard varieties

- **Apricot** 'PAS242019'
- **Bright Orange** 'PAS2364'
- **Lavender** True lavender with pink eye. 'PAS2398'
- **Lipstick** Magenta. 'PAS2363'
- **Ruby** Large, vibrant cranberry red flowers. Dark green leaves do not bronze. 'PAS94462'
- **Cha-Cha Mixture** Warm-toned mix of Ruby, Scarlet, Salmon Blush and White.
- **Mixture**
- **Paradise Mixture** Brilliant tropical colours of Lavender, Lipstick, Violet and Melon.
- **Parfait Mixture** Cherry, Deep Pink and Light Pink.
- **Pastel Mixture** Blue Pearl, White, Blush, Coral, Lavender, Light Pink, Pink, Salmon and Pink Swirl.
- **Samba Mixture** Vibrant, rich mix of Ruby, Lipstick, Violet, Scarlet and Salmon.
- **Seaside Mixture** Blue Pearl, Lilac, Violet and White.
- **New Sedona Mixture** Southwest-influenced mix includes NEW Salmon Splash XP, Bright Orange and Salmon XP.
- **Spish Splash Mixture** Blue, Lavender and Violet tones.



Blue Pearl XP

Cherry Splash XP

Coral XP

Deep Pink XP

Lilac XP

Melon XP

Pink XP

Punch XP

Red XP

Red Starburst XP

Rose XP

Rose Starburst XP

Salmon XP

New Salmon Splash XP

Salmon Starburst XP

Scarlet XP

Violet XP

Violet Starburst XP

White XP



Bold Mixture XP



Clear Mixture XP



Formula Mixture XP



Hot Mixture XP



Red White Mixture XP



Starburst Mixture XP



Stellar Mixture XP



Apricot

Bright Orange

Lavender

Lipstick

Ruby



Cha-Cha Mixture



Paradise Mixture



Parfait Mixture



Pastel Mixture



Samba Mixture



Seaside Mixture



New Sedona Mixture



Spish Splash Mixture

Dazzler™

Quick fill and manageable vigour make Dazzler the perfect landscape impatiens!

F1 SINGLE IMPATIENS continued

Dazzler™ F1 Series

Height: 9 to 11 in./23 to 28 cm

Spread: 13 to 15 in./33 to 38 cm

Supplied as high-performance Ball Controlled Growth™ seed and as raw seed.

Available in North America only.

The highest seed quality and extremely uniform growth with high yields makes Dazzler impatiens the perfect fit for mechanized sowing. Dazzler is the most “landscape friendly” impatiens series – the healthy, uniform plants have controlled, manageable vigour; fill in quickly and are covered with masses of 1.5-in./4-cm blooms on rich, green foliage. Well-matched across the series, all the colours come into bloom together and flower freely right up until frost. Well-suited to pack, 4-in./10-cm pot and basket programs.

- **Apricot** Dark orange eye. ‘PAS276282’
- **Blue Pearl** Rich bluish-lilac colour. ‘PAS97382’
- **Blush** Soft pink with hot pink centre. ‘PAS2462’
- **Bright Eye** White with lavender rose eye. ‘PAS2519’
- **Coral** ‘PAS320589’
- **New Coral Splash** Pink with coral eye. Same timing and vigour as Salmon and White. ‘PAS842483’
- **Cranberry** ‘PAS320586’
- **Deep Orange** ‘PAS2405’
- **Deep Pink** ‘PAS276283’
- **Lilac Splash** ‘PAS329068’
- **Orange** ‘PAS227820’
- **Pink** Uniform medium pink with eye. ‘PAS227821’
- **Punch** Hot cherry red. ‘PAS2491’
- **Red** ‘PAS94586’
- **Rose** ‘PAS276284’
- **Rose Swirl** Hot rose picotee edge, light pink centre. ‘PAS227823’
- **Salmon** ‘PAS94585’
- **Violet** ‘PAS364824’
- **Violet Star** ‘PAS2528’
- **White** ‘PAS91731’



- **Baby Shower Mixture** “Adorable” mix of Blue Pearl, White and Coral.
- **Grower Select Mixture** Limited mix of popular colours selected for uniform flowering and very high seed quality.
- **Merlot Mixture** Lilac Splash, Burgundy and Bright Eye.
- **Mixture**
- **Moody Blues Mixture** Lavender blues, burgundy and white.
- **New Passionfruit Mixture** Includes NEW Coral Splash, Violet and Orange.
- **Peacock Mixture** Blush, Bright Eye, Lilac Splash, White With Cherry Flair, Salmon With Blush Eye, Apricot and Lavender.
- **Taboo Mixture** Luscious rose, pink and burgundy shades with just a tease of white.
- **Tutti Frutti Mixture** Designer mix of predominantly salmon blooms.
- **Violet Star Blend** Violet Star, Violet and White.
- **Voodoo Too Mixture** Bold tones of violet, burgundy, orange and salmon.

Expo Series
Swirl Series
Dwarf Mixture F2
Jungle Gold
 See page 68.



Divine

Establishing quickly in the landscape, Divine delivers great colour mix options plus garden performance – all from seed!



Cherry Red



Lavender



Orange Bronze Leaf



Pink



Scarlet Red



Violet



White



Hot Mixture



Mixture



Mystic Mixture



Red White Mixture



Salsa Mixture

F1 NEW GUINEA IMPATIENS 
Impatiens hawkeri

Divine F1 Series

Height: 10 to 14 in./25 to 35 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as professional quality raw seed.

Establishing quickly in the landscape, Divine delivers outstanding performance to growers, gardeners and landscapers. A one-week flowering window across an excellent range of the most important colours means easy designer mixes for the landscape market. The only professional-quality seed-propagated New Guinea impatiens on the market, Divine offers ease of ordering, timing, delivery and storage without disease issues. Supplied with high seed quality, easy-to-grow Divine delivers consistent, transplantable yields and a quick crop time from plugs. Divine fits in with existing mechanical transplanting and plug programs to deliver fast turns and high-density production in 306 premium packs and 4-in./10-cm pots. Full plants filled with big, showy blooms make lush hanging baskets and containers. Uniform, well-branched plants offer strong garden performance and showy displays all season. Foliage ranges from green to bronze-green, providing a good contrast with the blooms.

- **Cherry Red**
- **Lavender**
- **Orange Bronze Leaf** Large, deep orange flowers on mid-bronze foliage. Well-branched with more controlled growth than original Orange.
- **Pink**
- **Scarlet Red**
- **Violet**
- **White**
- **Hot Mixture** Scarlet Red, Cherry Red, Violet and Orange Bronze Leaf.
- **Mixture**
- **Mystic Mixture** Lavender, Violet and White.
- **Red White Mixture** Scarlet Red and White.
- **Salsa Mixture** Orange Bronze Leaf, Scarlet Red and White.



Expo Lavender Blush



Expo Violet Blush



Coral Swirl



Pink Swirl



Raspberry Swirl



Jungle Gold



Swirl Monet Mixture

F1 SINGLE IMPATIENS continued

Expo Series

Height: 8 to 10 in./20 to 25 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.
Not available for sale in North America.

Selected especially for conditions in Europe, Expo impatiens are excellent garden performers across a wide range of conditions. Free-flowering, tightly-branched plants display many big flowers even with cool night temperatures. Plants flower in 7 to 8 weeks in packs.

- **Lavender Blush**
- **Violet Blush** Violet eye on a large white flower.

Swirl Series

Height: 8 to 10 in./20 to 25 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

Unique, picotee-patterned varieties are very popular at retail. As a novelty item, Swirl can be priced as a premium bedding plant. Well-suited to gardens, baskets and window boxes. Packs will flower in 7 to 8 weeks.

- **Coral** Dark coral edge with light salmon tones in the centre.
- **Pink**
- **Raspberry** Shades of deep fuchsia and hot rose.
- **Monet Mixture** Includes Coral Swirl, Raspberry Swirl and Pink Swirl.

F2 SELECT SINGLE IMPATIENS

Dwarf Mixture F2

Height: 8 to 11 in./20 to 28 cm
Spread: 12 to 15 in./30 to 38 cm
Supplied as raw seed.

An excellent, low-cost mix with high germination and a wide colour range, Dwarf Mixture is the best for mail order, colour packet, pre-seeded starter kits and premium offers.

F1 NOVELTY IMPATIENS 
Impatiens auricoma

Jungle Gold F1

Height: 15 to 18 in./38 to 45 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

A yellow for the shade! Unique Jungle Gold has golden yellow, orchidlike flowers held over glossy, dark green foliage. Recommended for use in full-shade mono or mixed containers, the free-flowering, very vigorous plants combine well with other vigorous plants such as Dragon Wing begonia (see page 14). Jungle Gold requires full shade to provide cooler growing conditions; full sun reduces flowering, especially under higher temperatures.



Purple Lady Iresine

IRESINE 
Iresine herbstii

Purple Lady

Height: 6 to 8 in./15 to 20 cm
Spread: 3 to 4 ft./90 cm to 1.2 m
A Fantastic Foliage™ selection – see page 42.
Supplied as raw seed.

This dark purple-leaved accent plant is ideal for mixed containers, as a “solo” hanging basket or planter variety, and as a groundcover in the landscape. It is also well-suited to indoor lifestyle plant programs. Purple Lady makes a low and prostrate, spreading plant that fills in nicely and cascades as the branches get longer and heavier. Ideally suited to partial sun/partial shade conditions, Purple Lady can withstand more sun in humid areas like Florida. Well-suited to 306 premium packs, 4-in./10-cm and gallon containers, and 10 to 12-in./25 to 30-cm baskets.

ISOLEPIS (FIBER OPTIC GRASS)

Live Wire

Part of the ColorGrass™ collection – see page 29.

ISOTOMA (LAURENTIA) 
Isotoma hybrida

Tristar F1 Series

Height: 8 in./20 cm
Spread: 10 to 14 in./25 to 35 cm
Supplied as easy-to-sow pelleted seed.

Well-matched for earliness and uniformity, easy-to-grow Tristar works well in both containers and gardens. The floriferous plants produce single, star-shaped blooms over finely cut foliage.

- Deep Blue
- Pink
- Sky Blue
- White



Tristar Deep Blue Isotoma



Tristar Sky Blue Isotoma



Tristar Pink Isotoma



Tristar White Isotoma



Fuseables Twisted Arrows Juncus



New Leycesteria Jealousy



Fuseables Twisted Dart Juncus



Linaria Enchantment

JUNCUS

Blue Arrows Blue Dart Javelin Starhead

Part of the ColorGrass™ collection – see pages 28-29.

FUSEABLES™ SINGLE-SPECIES MULTI-PELLET

Easy-to-grow Fuseables multi-pellets are specially formulated to deliver a balanced mix of varieties that germinate and grow compatibly to produce more natural looking mixes at retail that continue to look good throughout the season. See page 46 for more Fuseables varieties.

Fuseables™ Twisted Arrows

Height: 18 to 36 in./45 to 90 cm
Spread: 12 to 18 in./30 to 45 cm
Supplied as easy-to-sow multi-pellets.

Combines Blue Arrows juncus and *Juncus effusus spiralis* (curly juncus) for high visual appeal. The plants deliver not only blue and green colour contrast, but an eye-catching mix of straight and twisted! For use in mixed containers or as an indoor lifestyle plant. Good in 4 to 6-in./10 to 15-cm pots.

Fuseables™ Twisted Dart

Height: 14 to 16 in./35 to 40 cm
Spread: 10 to 18 in./25 to 45 cm
USDA Hardiness Zones: to Zone 5 (-20°F/-29°C minimum temperature)
Supplied as easy-to-sow multi-pellets.

Combining Blue Dart juncus and *Juncus effusus spiralis* (curly juncus), this shorter version of Twisted Arrows stays more compact for the South, and can be used in hanging baskets everywhere. Offers the contrast of blue and green along with straight and twisted. Good in 4 to 6-in./10 to 15-cm pots.

JUNCUS SPIRALIS

Twister

Height: 12 to 14 in./30 to 35 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as easy-to-sow multi-seed pellets.

Economical and easy-to-grow curly juncus is a fun and interesting addition to mixed containers. The small, curly green leaves of this upright plant stand out at retail, with great appeal for



Twister Juncus

shoppers. Can be grown as a “mini” for expanded sales opportunities. Also thrives in wet conditions, making this a useful pond plant.

KOELERIA

Coolio

Part of the ColorGrass™ collection – see page 30.

LAURENTIA

See Isotoma, page 69.

LAVENDER

Lavender Lady Munstead Strain

See Kieft-Pro-Seeds, page 236.

LETTUCE & GREENS

See SimplySalad, page 149.

LEYCESTERIA

Leycesteria formosa

New Jealousy

Height: 36 to 60 in./90 cm to 1.5 m
Spread: 18 to 20 in./45 to 50 cm
USDA Hardiness Zones: To 7 (0°F/-18°C minimum temperature)
A Fantastic Foliage™ selection – see page 42.
Supplied as easy-to-sow multi-seed pellets.

The bright chartreuse foliage and big, bushy shape are sure to make this dramatic accent plant the envy of every garden! Jealousy offers 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. This versatile, eye-catching Fantastic Foliage variety can be marketed and used as an annual, perennial or shrub, adding to the sales opportunities. It pairs well with other vigorous items in large containers and performs well in wetlands.

LIMONIUM

See Kieft-Pro-Seeds, page 237.

LINARIA

Linaria hybrida

Enchantment F1

Height: 14 to 16 in./35 to 40 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as easy-to-sow multi-seed pellets.

Very fragrant blooms of intense magenta with gold “bee” are produced continuously under cool conditions, making this an excellent Winter bedding plant. Upright and well-branched. Good companion to pansy programs for Spring and Autumn premium pack and 4-in./10-cm pot sales for bedding and mixed containers.



Florida Blue



Florida Pink



Florida Silver



Florida Sky Blue



Forever Blue



Forever White



Lisa Blue



Lisa Lavender



Lisa Pink



Lisa White



Sapphire Blue



Sapphire Blue Chip



Sapphire Pink Rim



Sapphire White



Sapphire Double White

F1 LISIANTHUS 
Eustoma grandiflora

F1 POT & BEDDING LISIANTHUS

Florida F1 Series

Height: 8 to 10 in./20 to 25 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as easy-to-sow pelleted seed.

The best choice for high-light/high-temperature markets, delivering excellent performance when others cannot. The most resistant to rosetting of the PanAmerican Seed series, Florida resists rosetting when sown in temperatures as high as 88°F (31°C), also important when temperatures are high during the first 1 to 2 months after transplanting young plants/plugs. Excellent as indoor flowering plants in 4 to 6-in./10 to 15-cm pots, and planted outdoors in the garden. Better known as a warm-climate bedding plant, moderately vigorous Florida lisianthus are excellent Summer bedding varieties. Multiple-sown plugs/young plants produce the best results. Growth regulators are recommended for 4-in./10-cm pots; Florida responds well to PGRs.

- **Blue** Traditional deep blue flowers.
- **Pink** Large, pink blooms.
- **Silver** Light blue buds mature to silvery white flowers, each with a dark blue eye. Blooms slightly earlier than Blue.
- **Sky Blue** Light blue. Blooms slightly earlier than Blue.

Forever F1 Series

Height: 8 to 10 in./20 to 25 cm
Spread: 6 to 8 in./20 to 25 cm
Supplied as easy-to-sow pelleted seed.

Exceptional performers under low light, Forever shows true basal-branching at the plug/young plant stage, 5 to 7 weeks after sowing. Ideal for 4 to 6-in./10 to 15-cm pots. The indeterminate flowering habit means plants continue to grow and flower all season long. Plants bloom slightly earlier than Florida Blue. Forever is not top-heavy and it will withstand windy conditions because of excellent basal-branching. They have excellent garden vigour and heat tolerance. Ideal for production under low-light conditions such as Winter in the Midwestern U.S. or northern Europe.

- **Blue** Traditional deep blue flowers. *All-America Selections Winner.*
- **White** Ivory white. *All-America Selections Winner.*

Lisa F1 Series

Height: 6 to 8 in./15 to 20 cm
Spread: 4 to 6 in./10 to 15 cm
Supplied as easy-to-sow pelleted seed.

Early-blooming, compact and dwarf lisianthus series is perfect for growing in short days. Good colour selection with gray-green foliage. Excellent in 3 to 6-in./7 to 15-cm pots with multiple young plants in each container.

- **Blue**
- **Lavender** Pinkish-lavender. Timing is similar to Blue Lisa.
- **Pink** Finishes 10 to 14 days earlier than other pink varieties, with darker pink flowers.
- **White** Similar plant habit and about one week later bloom time compared to Blue Lisa.

Sapphire F1 Series

Height: 4 to 6 in./10 to 15 cm
Spread: 4 to 6 in./10 to 15 cm
Supplied as easy-to-sow pelleted seed.

Offering a broad colour range, Sapphire performs well in low-light conditions, making it ideal for both northern and southern production. Dwarf, very well-branched plants are suited to 3 to 4-in./7 to 10-cm indoor lifestyle plant programs, with no pinching or growth regulators needed to keep their tidy, petite appearance; can also be used as a border bedding plant. Basal-branching begins in the plug/young plant stage 5 to 7 weeks after sowing, and continues on to the finished plant. This unique branching characteristic leads to a more floriferous mature plant. One to two plants in each pot yields an attractive, rounded plant covered with blooms.

- **Blue** Dark blue.
- **Blue Chip** Small, white flowers with blue tips.
- **Double White** Large, double, ivory white blooms. Slightly more vigorous and about 2 weeks later to flower than Sapphire Blue.
- **Pink Rim** Elegant, pure white flowers; lavender-pink rim.
- **White** Clean, pure white flowers. Tallest in the series; flowers 2 to 4 days later.

ABC



ABC Lisianthus gives you high yields of grade-A cuts. Pictured: ABC 2-2 Purple



1-1 Rose Rim



1-2 Deep Rose



1-3 Green



1-3 Misty Blue



1-3 Purple



1-3 White



1-3 Yellow



2-2 Purple



2-3 Blue



2-3 Blue Blush



2-3 Blue Rim



2-3 Green



2-3 Lavender



2-3 Misty Blue



2-3 Misty Pink



2-3 Rose



2-4 Yellow Improved



3-4 Purple

**DOUBLE-FLOWERED
CUT FLOWER LISIANTHUS**

ABC F1 Series

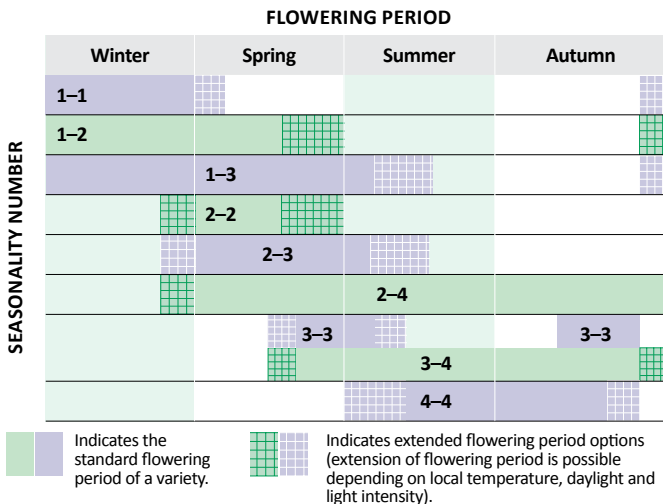
Location: Greenhouse, shade house
Stem length: 36 to 45 in./90 cm to 1.1 m in the greenhouse
Supplied as easy-to-sow pelleted seed.

ABC lets growers produce a high-quality finished crop year-round in a comprehensive colour range using just one series. Less rosetting sensitivity than the competition in both the plug and finish stages of ABC increases the number of saleable plants and stems, and reduces or eliminates the need for gibberellic acid (GA) spraying. Uniform vigour in both the plug and finish stages and 1 to 2 weeks faster finish time assure a short harvest window. ABC blooms uniformly within the colour, displaying outstanding double flower form with high petal counts on strong stems with exceptional vase life. Allow approximately 16 weeks from transplant to harvest for early-season transplants and approximately 13 weeks for mid to late-season transplants.

- 1-1 Rose Rim
- 1-2 Deep Rose
- 1-3 Green
- 1-3 Misty Blue
- 1-3 Purple
- 1-3 White
- 1-3 Yellow
- 2-2 Purple
- 2-3 Blue
- 2-3 Blue Blush
- 2-3 Blue Rim
- 2-3 Green
- 2-3 Lavender
- 2-3 Misty Blue
- 2-3 Misty Pink
- 2-3 Rose
- 2-4 Yellow
- 2-4 Yellow Improved
- 3-4 Purple
- 3-4 Rose
- 3-4 White

Cut Flower Lisianthus Seasonality Number Guide

The first number, "Speed Guide," tells whether the variety is faster or slower to flower. The second number, "Versatility Guide," indicates whether the variety can be grown over a longer or shorter flowering period.



3-4 Rose



3-4 White

Avila Ivory

Location: Greenhouse, shade house
Stem length: 36 to 45 in./90 cm to 1.1 m in the greenhouse
Supplied as easy-to-sow pelleted seed.

Winter-flowering.



2-4 Blue Rim



2-2 Lilac



2-2 Purple



2-3 Buttercream Blush



2-3 Deep Rose



2-3 Ivory



2-3 Rose Rim



2-4 Green



2-4 Purple



2-4 White



2-4 Yellow



3-4 Blue Blush



3-4 Blue Rim



3-4 Peach



4-4 Deep Blue



4-4 Deep Rose

SINGLE-FLOWERED CUTFLOWER LISIANTHUS

Laguna F1 Series

Location: Greenhouse, shade house
Height: 33 to 45 in./85 to 115 cm
Supplied as easy-to-sow pelleted seed.

Laguna lets growers produce a high-quality finished crop year-round in a comprehensive colour range using just one series. The varieties are selected for their outstanding stem strength, stem caliper and flower quality. Uniform seedling vigour and less rosetting sensitivity than the competition in both the plug and finish stages for Laguna increases the number of saleable plants and stems, and reduces or eliminates the need for gibberellic acid (GA) spraying. Flowers earlier than ABC double varieties when planted together. Allow approximately 14 weeks from transplant to harvest for early-season transplants and approximately 11 weeks for mid to late-season transplants.

- 2-2 Lilac
- 2-2 Purple
- 2-3 Buttercream Blush
- 2-3 Deep Rose
- 2-3 Ivory
- 2-3 Rose Rim
- 2-4 Blue Rim
- 2-4 Green
- 2-4 Purple
- 2-4 White
- 2-4 Yellow
- 3-4 Blue Blush
- 3-4 Blue Rim
- 3-4 Peach
- 4-4 Deep Blue
- 4-4 Deep Rose



Riviera Blue Eyes



Riviera Blue Splash



Riviera Marine Blue



Riviera Lilac



Riviera Midnight Blue



Riviera Rose



Riviera Mixture



Riviera Sky Blue



Riviera White

LOBELIA 
Lobelia erinus

Fuseables™ Bed O' Roses
Fuseables Blues Brothers
Fuseables OI' Blue Eyes
Fuseables White Knights

See page 46.

COMPACT LOBELIAS

Riviera Series 

Height: 5 in./13 cm

Spread: 8 in./20 cm

Supplied as raw seed and easy-to-sow multi-seed pellets.

This extra early-flowering, mounded series is the market leader – plants bloom about 15 days earlier than standard varieties. Growers benefit from the reduced bench time, while retailers see an extended selling season. Vigorous Riviera flowers profusely in an extensive range of colours. Ball-shaped plants stay compact and mounded, making them perfect for beds, borders, containers and colour bowls. Riviera is an excellent pack performer that grows to 5 in./13 cm in the garden.

- **Blue Eyes** Mid-blue blooms with distinct white eye; green foliage.
- **Blue Splash** White with blue throat and slight picotee markings; colour pattern is most uniform in cool temperatures. *Fleuroselect Novelty*. U.S. Plant Variety Protection Number 9400206
- **Lilac** Unique colour in compact lobelias; green foliage. U.S. Plant Variety Protection Number 9300313
- **Marine Blue** Mid-blue blooms; green foliage.
- **Midnight Blue** Dark blue flowers; bronze foliage. *Fleuroselect Quality Award Winner*.
- **Rose** Distinct white eye; green leaves. *Fleuroselect Quality Award Winner*.
- **Sky Blue** Green foliage. *Fleuroselect Quality Award Winner*.
- **White** Produces fewer blue-bloomed off-types than other compact white varieties. *Fleuroselect Novelty*.
- **Mixture**

 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Belinda Blue



Crystal Palace



Fountain Mixture

COMPACT LOBELIAS continued

Belinda Blue

Height: 5 in./13 cm
Spread: 8 in./20 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

The compact, ball-shaped plants are early and uniform flowering, with cobalt-blue blooms over deep green foliage.

Cambridge Blue

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

Light blue flowers.

Cobalt Blue

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

Early, blue-bloomed, compact plants are excellent garden performers.

Crystal Palace

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

Dark blue flowers and bronze foliage.

Mrs. Clibran

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

Blue flowers with white eyes.

Rosamond

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

Carmine red flowers with white eyes.

String of Pearls

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

Formula blend of standard varieties.

White Lady

Height: 5 in./13 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

Bright white blooms.

TRAILING LOBELIAS

Fountain Series

Height: 6 to 8 in./15 to 20 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Profusely blooming plants have a cascading habit, making Fountain well-suited to hanging baskets and containers.

- **Blue** Light blue.
- **Crimson**
- **Lilac** Pale lilac with white eye.
- **Rose** Rose pink with white eye.
- **White**
- **Mixture** Also includes Sapphire Pendula.



Clockwise from top: Regatta Midnight Blue, Lilac, Blue Splash and Mixture

Regatta Series

Height: 6 to 8 in./15 to 20 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

Extra-early Regatta flowers up to 4 weeks earlier than other trailing varieties, making it perfect for selling in bloom during Spring. The vigorous plants flower profusely in an extensive range of colours, putting on an outstanding show in hanging baskets, larger containers and colour bowls. Regatta grows to about 6 to 8 in./15 to 20 cm tall and then cascades over the edge of the container.

- **Blue Splash** White with blue throat and slight picotee markings; colour is best in cool conditions. *Fluoreselect Quality Award Winner.*
- **Lilac**
- **Lilac Splash** White with distinct orchid/lilac centre. U.S. Plant Variety Number 200600188
- **Marine Blue** Deep blue; green foliage. *Fluoreselect Novelty.*
- **Midnight Blue** Dark blue; bronze foliage.
- **Rose** Carmine rose, distinct white eye. *Fluoreselect Quality Award Winner.*
- **Sapphire** Deep blue with large white eye; bronze foliage. *Fluoreselect Novelty.*
- **Sky Blue** Light blue. *Fluoreselect Novelty.*
- **White**
- **Mixture**



Regatta Blue Splash



Regatta Lilac



Regatta Lilac Splash

Sapphire Pendula

Height: 6 to 8 in./15 to 20 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Cascading, bronze-leaved plants covered with white-eyed, sapphire blue flowers.

LOBULARIA
 See Alyssum, page 5.

LUZULA

Lucius Starmaker

Part of the ColorGrass™ collection – see page 30.

LYCOPERSICUM
 See Tomato, page 166.



Regatta Marine Blue



Regatta Midnight Blue



Regatta Rose



Regatta Sapphire



Regatta Sky Blue



Regatta White

Taishan™



Taishan delivers strong stems and unshakeable performance.

MARIGOLD

F1 AFRICAN (AMERICAN)
MARIGOLD
Tagetes erecta

Taishan™ F1 Series

Height: 10 to 12 in./25 to 30 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as de-tailed and coated seed.

Taishan is the better dwarf African marigold! With 20% shorter peduncles and 15% thicker stems than the market leader, Taishan stands tall with less stretch on the bench, and less breakage in shipping and at retail. Better branching with more aggressive side branching fills packs quickly and delivers a healthier look. Larger flowers hold their doubleness and shed water well. At retail, the big, tightly petaled blooms on super-strong stems look terrific with less waste, better tolerance of overhead watering and longer shelf life. Gardeners and landscapers will appreciate the full plants and season-long shows of high-impact colour. Performance is so spectacular that the Taishan series was featured throughout the landscapes at the 2008 Olympic Games in Beijing, China.

- **Gold** 'PAS553703'
- **Orange** 'PAS524599'
- **Yellow** 'PAS553704'
- **Mixture**



▶ Watch the video online at panamseed.com/TaishanVideo ◀



Gold



Orange



Yellow



First Lady



Gold Lady



Orange Lady



Primrose Lady



Lady Mixture

Lady F1 Series

Height: 20 in./50 cm

Spread: 10 in./25 cm

Supplied as de-tailed seed.

This standard for taller African/American marigolds makes outstanding mass plantings. Under cooler conditions, Lady produces very strong stems and a neat, tidy habit. An abundance of fully double, 3-in./7-cm blooms are held well above the foliage. Ideal for 4-in./10-cm pot sales.

- **First** Clear yellow. *All-America Selections Winner.*
- **Gold**
- **Orange**
- **Primrose** Light, creamy yellow.
- **Mixture**

Marvel F1 Series

Height: 18 in./45 cm

Spread: 10 in./25 cm

Supplied as de-tailed seed.

Full, rounded, 3.75-in./9-cm blooms are packed tight with petals – this excellent flower form ensures that plants stand up to *Botrytis* and perform superbly outdoors. Extra-sturdy stems won't break in shipping or during poor weather conditions. Like most African-type marigolds, Marvel initiates flowering faster under short days, with blooming as short as 60 days from sowing.

- **Gold**
- **Orange**
- **Yellow**
- **Mixture**



Marvel Mixture



Marvel Gold



Marvel Orange



Marvel Yellow

Vanilla F1

Height: 16 in./40 cm


Spread: 10 in./25 cm

Supplied as de-tailed and coated seed.

Fully double heads have tight centres that shed water and avoid turning brown longer. Each double, creamy white bloom is 2.5 to 3 in./6 to 7 cm across and sits atop darker green foliage. Plants flower to match Marvel series timing – grow both to offer a full colour range and send all to market in just 11 weeks. Well-suited to 4.5-in./11-cm programs for use in beds, borders and large mixed containers.



Vanilla

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.

Bonanza

Bonanza delivers peak performance in packs!

Pictured: Bonanza Flame



Bee



New Deep Orange

FRENCH MARIGOLD
Tagetes patula

FRENCH DWARF CRESTED MARIGOLD

Bonanza Series 🌱

Height: 10 to 12 in./25 to 30 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as de-tailed and coated seed.

The market leader in French marigolds, the pack-friendly Bonanza series is noted for its earliness, large flowers, uniformity and superior performance under a wide range of conditions. The double crested flowers are the largest of any in this type – a huge, 2 to 2.5 in./5 to 6 cm across – and are available in a wide range of pure, intense colours. Bonanza is faster to flower than other crested French marigolds, with a tight flowering window. In the garden, the plants are excellent performers under a wide range of conditions.



Flame



Gold



Harmony

- **Bee** Unique mahogany edged in pale gold.
- **New Deep Orange** The deepest orange blooms in crested French marigolds. *Fleuroselect Novelty*.
- **Flame** Mahogany with orange border.
- **Gold** 🌱
- **Harmony** Deep gold centre with mahogany outer petals.
- **Orange** 🌱
- **Yellow** 🌱 True, pure yellow.
- **New Mixture Improved** Now includes NEW Deep Orange.



Orange



Yellow

- 🌱 Low energy production
- 🌱 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcolIndex program.



Yellow Boy and Bonanza Orange Marigolds

FRENCH MARIGOLD continued

Boy Series

Height: 8 to 10 in./20 to 25 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as raw, de-tailed and coated seed.

Boy varieties provide excellent pot and garden performance. Bright blooms are 1.5 in./4 cm across, on very free-flowering plants. Very uniform for habit and flowering time.

- **Golden** Golden yellow.
- **Harmony** Deep gold crested centre with large, mahogany outer petals.
- **Orange** *Fleuroselect Gold Medal Winner.*
- **Spry** Yellow centre with mahogany outer petals.
- **Yellow**
- **Boy O' Boy Mixture** Formula blend of the above.

Honeycomb

Height: 10 to 12 in./25 to 30 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as raw and de-tailed seed.

Vigorous, very large-flowered plants topped with fully double, crested, 2.5-in./6-cm flowers – each maroon petal has a gold border. *Fleuroselect Gold Medal Winner.*



Golden Boy



Harmony Boy



Orange Boy



Spry Boy



Yellow Boy



Boy O' Boy Mixture



Honeycomb



Janie Mixture

Janie Series

Height: 8 to 10 in./20 to 25 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as de-tailed and coated seed.

Good choice for warmer southern markets or for late-season sales in the North – very heat-tolerant plants show good garden vigour in warmer temperatures. Early and uniform in the pack with excellent shelf life. Compact plants hold crested flowers displayed nicely above the foliage.

- **Bright Yellow**
- **Deep Orange** U.S. Plant Variety Protection Number 9200025
- **Flame**
- **Gold**
- **Harmony**
- **Primrose** U.S. Plant Variety Protection Number 9200027
- **Spry**
- **Tangerine**
- **Mixture**

Orange Jacket

Height: 10 to 12 in./25 to 30 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

With more vigour than the Bonanza series, Orange Jacket excels as an outdoor performer in cool conditions. Flowers are 1.5-in./4-cm diameter. *Fleuroselect Gold Medal Winner.*



Janie Bright Yellow



Janie Deep Orange



Janie Flame



Janie Gold



Janie Harmony



Janie Primrose



Janie Spry



Janie Tangerine

PanAmericanSeed.

Durango™

Early-blooming Durango is super-strong
and super-shippable!



Durango Bolero



Durango Bee



Durango Bolero



Durango Flame



Durango Gold



Durango Orange



Durango Red



Durango Tangerine



Durango Mixture



Durango Yellow



Durango Outback Mixture


FRENCH DWARF ANEMONE
MARIGOLDS

Durango™ Series 

Height: 10 to 12 in./25 to 30 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as de-tailed and coated seed.

Setting the highest standard for anemone-type marigolds, Durango delivers excellent branching for more blooms and strong stems for superior shipping. Early-blooming with a well-matched, 5 to 7-day flowering window across all colours, Durango produces uniformly shaped, extra-large, 2 to 2.5-in./5 to 5.5-cm flowers in a terrific range of colours. Good choice for both packs and pots, with outstanding uniformity from bench to garden. Bushy, vigorous plants are ideal for early Spring sales. Several unusual colours assure great retail appeal.

- **Bee** Unique colour combination for anemone types – mahogany flowers edged with yellow. 'PAS2255'
- **Bolero** Golden yellow flowers tipped with red. 'PAS221543'
- **Flame** Mahogany flowers edged with orange. 'PAS2254'
- **Gold** Large, deep gold blooms. 'PAS2251'
- **Orange** Intense, bright orange. 'PAS97727'
- **Red** Deep colour resists fading longer. 'PAS221545'
- **Tangerine** Rich, deepest orange colour is desired by gardeners and landscapers. 'PAS221544'
- **Yellow** Dark yellow. 'PAS92658'
- **Mixture**
- **Outback Mixture** Combines the most uniform Durango colours for habit, timing and flower size; includes Bolero, Red, Tangerine and Yellow. Great season extender for Autumn promotions. 2004 Flower of the Year in Australia.

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Aurora Yellow Fire



Aurora Yellow Fire

FRENCH FULLY DOUBLE
MARIGOLDS

Aurora Yellow Fire

Height: 10 to 12 in./25 to 30 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as de-tailed and coated seed.

Bright yellow with red at the petal bases on large, fully double, carnation-type blooms, with outstanding flower quality from first bloom in the pack to fully grown plants in the landscape. Early, compact and uniform.

Gate Series

Height: 10 to 12 in./25 to 30 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw and de-tailed seed.

A good choice for commercial landscapes, featuring round, fully double, 3-in./7-cm flowers that look like small African marigolds. Recommended as Summer pot annuals in 4-in./10-cm pots or for large container programs.



Golden Gate



Orange Gate

- **Golden Mahogany** edged with gold. *All-America Selections Winner.*
- **Orange Fleuroselect Quality Award Winner.**
- **Yellow Fleuroselect Quality Award Winner.**
- **Garden Gate Mixture** Blend of all colours.

FRENCH DWARF SINGLE
MARIGOLDS

**Granada
Red Marietta**

Height: 10 in./25 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw and de-tailed seed.

Excellent in packs, producing beautiful single, 2-in./5-cm flowers.

- **Granada** Gold and red bicolour.
- **Red Marietta** Bright red and orange.



Yellow Gate



Granada



Red Marietta



Magic Lime Green



Magic Single



Magic White



Magic Yellow



Vegmo Snowball Extra



Vegmo Single



Vegmo Sunny Ball Gold

MATRICARIA 
Tanacetum parthenium

Magic Series

Height: 28 to 36 in./70 to 90 cm
Supplied as easy-to-sow pelleted seed.

Magic produces stems that are stronger and more upright with multiple flowers and darker green foliage than other varieties. Tall, straight stems and flower pedicels resist breakage and allow for easier harvest with less tangling. Displaying small disks and extended ray petals on each flower for a starlike appearance, Magic is an excellent choice for use as filler in mixed arrangements. Long day-flowering plants need a 16 to 18-hour daylength to flower and achieve height using night interruption; will rosette in short days with less than 14 hours. Production under full sun results in shorter stem length compared to production under shade. Series requires 9 to 10 weeks from transplant to harvest.

- Lime Green
- Single
- White
- Yellow

Vegmo Series

Height: 28 to 36 in./70 to 90 cm
Supplied as easy-to-sow pelleted seed.

Vegmo matricaria is an excellent, fast, year-round crop that is ideal for use as a filler in bouquets, with a good post-harvest life. Double flowers are held above lacy, fragrant foliage, with nice stem quality plus good flower range and bud count. Long day-flowering plants need a 16 to 18-hour daylength to flower and achieve height using night interruption; will rosette in short days with less than 14 hours. Production in full sun results in shorter stem length compared to production under shade. Series blooms 8 to 10 weeks from transplant.

- Lime Green
- Single
- Snowball
- Snowball Extra
- Sunny Ball Gold
- Yellow



Hot Cakes Pink, White and Purple

MATTHIOLA (STOCK) ☀️
Matthiola incana

SELECTABLE BEDDING MATTHIOLA

Hot Cakes Series ⚡️

Height: 10 to 16 in./25 to 40 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

Selectability is the key: easy-to-select, fully double plugs of Hot Cakes produce more attractive plants than comparable gray-leaf, non-selectable types that can show up to 50% singles. Streamline production and build sales with this top-quality green-leaf series. Hot Cakes moves bedding matthiola into the premium bedding and pot plant niche. Very well-branched, dwarf plants with highly fragrant, brightly coloured blooms deliver outstanding performance in landscapes and garden beds. Good for packs and 4-in./10-cm programs for outdoor use, up to 6 to 8-in./15 to 20-cm pots for indoor lifestyle plant programs.

- **Hot Rose** Vibrant deep rose blooms.
- **Pink** Bright pink – slightly lighter colour than Hot Rose.
- **Purple** Deep velvety purple.
- **White** Pure white.
- **Mixture** Bright, well-balanced mix of White, Hot Rose, Pink and Purple.

BEDDING MATTHIOLA

Sugar & Spice Series

Height: 12 in./30 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw seed.

Non-selectable bedding series produces 50 to 60% double flowers on short, well-branched plants. Long-flowering and highly fragrant. Great outdoor performance in pots and borders in cool conditions.

- **Lavender**
- **Pink**
- **Rose**
- **Violet**
- **White** Over 90% double-flowering.
- **Yellow**
- **Formula Mixture**



Hot Cakes
Hot Rose



Hot Cakes Pink



Hot Cakes Purple



Hot Cakes White



Hot Cakes Mixture



Sugar & Spice Formula Mixture



Sugar & Spice Pink



Sugar & Spice Rose



Sugar & Spice Violet



Sugar & Spice White



Sugar & Spice Yellow

⚡️ Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Mixture

Vintage Series 🌱

Height: 15 to 20 in./38 to 50 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

Colourful dwarf bedding series shows off a profusion of bright flowers that bloom up to 1 week faster than comparable varieties, with better branching – that means more colour on the bench earlier. Non-selectable Vintage produces over 55% double flowers in a broad range of colours. Sturdy, well-branched plants are excellent outdoor performers. Prefers cool growing conditions, making this an excellent choice for late Autumn/Winter bedding. Matthiola does not tolerate excessive heat. No vernalization is needed to flower.

- **Burgundy**
- **Copper**
- **Lavender**
- **Lilac** True soft lilac.
- **Peach**
- **Red**
- **Rose** Deep, rich crimson rose.
- **White** Creamy white.
- **Yellow**
- **Antique Mixture** Copper, Peach and Yellow.
- **Mixture**



Burgundy



Copper



Lavender



Lilac



Peach



Red



Rose



White



Yellow

PanAmericanSeed.

Katz



Katz lets you harvest super-uniform stems *fast!*



Apricot



Bright Rose



Cherry Blossom



Lavender Blue



New Crimson



Light Lavender



Pink



New Purple



White

EXTRA EARLY-FLOWERING
TUNNEL OR FIELD-GROWN
CUT FLOWER MATTHIOLA

Katz Series

Location: Grow in tunnels rather than outside; can withstand heat well
Stem length: 32 in./80 cm
Supplied as raw seed.

Similar to Japanese extra early-flowering types, Katz delivers a shorter crop time, uniformity in flowering for stem length and timing between colours, and better heat tolerance than European or traditional field types. The series can be grown earlier and later in the season, and even year-round in some climates, allowing for Christmas through Valentine's Day flowering when traditional Stocks are hard to produce. About 55 to 60% double-flowering, with some selectability possible. Tunnel production is recommended for overall improved quality and for weather protection so that programming is not affected by rain. NOTE: 5% of PanAmerican Seed net seed sales of this product will be donated to PanCan for Pancreatic Cancer research in honour of Philip Katz, former PanAmerican Seed Product Manager.

- Apricot
- Bright Rose
- Cherry Blossom
- New Crimson
- Lavender Blue
- Light Lavender
- Pink
- New Purple
- White
- Yellow



Yellow



Aida Deep Rose, Blue and White



Aida Cherry Blossom

**NORTHERN GREENHOUSE
SELECTABLE CUT FLOWER
MATTHIOLA**

Location: Greenhouse
Supplied as raw seed.

Bred for specific seasonal performance, the Aida, Carmen and Figaro series team up with the Opera series to offer an outstanding lineup of greenhouse-grown selectable Matthiola varieties for year-round production. Aida, Carmen and Figaro are well-matched for timing and deliver very uniform plant performance. Transplanting for seasons earlier than listed will result in later flowering.

Greenhouse-grown Matthiola are distinguished from field-grown types by the softer green leaves. **NOTE:** Selectable Matthiola will produce approximately 50% double-flowering types, but it is easy to select out the single-flowered types at the young plant stage. Refer to the PanAmerican Seed Product Information Guide for details.

**Aida Series
(Spring-flowering, Group 2)**

Stem length: 32 in./80 cm

Under northern European conditions, transplant Aida varieties in January/ April for flowering in April/June.

- Apricot
- Blue
- Blueberry
- Cherry Blossom Dark cherry colour lightens as flowers open.
- Deep Rose
- Lavender
- Light Plum
- White

**Figaro Series
(Winter-flowering, Group 1)**

Stem length: 32 in./80 cm

Under northern European conditions, transplant Figaro varieties in January and February for flowering in April and May.

- Lavender
- Light Rose

**Carmen Series
(Summer-flowering, Group 3)**

Stem length: 32 in./80 cm

Under northern European conditions, transplant Carmen varieties in March and April for flowering in June and July.

- Cassis
- Purple
- Yellow



Aida Blue



Aida Deep Rose



Aida Blueberry



Aida Lavender



Aida White



Aida Light Plum



Figaro Lavender



Figaro Light Rose



Carmen Cassis



Carmen Yellow



Carmen Purple



Lucinda Mixture



Lucinda Cream



Lucinda Dark Rose



Lucinda Deep Blue

**Lucinda Series
(Spring-flowering, Group 2)**

Stem length: 27 to 30 in./65 to 75 cm

100% selectable series delivers high uniformity within and between the colours, and a high percentage of double flowers. Strong-stemmed, mid-early type is also suitable for Autumn flowering.

- Cream
- Dark Rose
- Deep Blue
- Lavender
- Light Rose
- Purple Violet
- Red
- White
- Mixture

Opera Series

Stem length: 32 in./80 cm

Bred for optimal performance in cooler greenhouse conditions, the Opera series offers a wide range of vivid flower colours. Recommended for Autumn to late Spring-flowering, production of this fragrant favourite is possible year-round if cool Summer temperatures are maintained in the greenhouse.

- Aida White.
- Blueberry Unique blue colour.
- Daphne
- Debora
- Francesca
- Leonora Purple.



Lucinda Lavender



Lucinda Light Rose



Lucinda Purple Violet



Lucinda Red



Lucinda White



Opera Francesca



Opera Aida



Opera Daphne



Opera Debora



Miracle Mid-Blue Column Stock



Malmaison Pink Column Stock



Miracle White Column Stock



Melanie Melampodium



Jade Princess Ornamental Millet

TRADITIONAL FIELD-GROWN
CUT FLOWER MATTHIOLA

Column Stock

Height: 24 to 30 in./60 to 75 cm
Supplied as raw seed.

The Column varieties are single-stemmed florist types, and have large, attractive double flowers, closely spaced on the stems. Florists and consumers alike appreciate the dense, showy spikes of scented flowers.

- **American Beauty Select** Unique carmine red; fairly early to flower.
- **Appleblossom** Very light blush pink; unique colour.
- **Apricot**
- **Avalanche** Mid-season white.
- **Ball Pink #22** Silvery pink.
- **Lilac Lavender Deep** Very early to flower; similar in colour to Lavender.
- **Malmaison Pink** Unique pastel salmon-pink flowers are closely spaced on the light gray-leaved stems.
- **Miracle Crimson**
- **Miracle Gold** Deeper colour than Miracle Yellow.
- **Miracle Lavender**
- **Miracle Mid-Blue** Darker than Miracle Lavender and a popular colour in floral displays. Timing is similar to Apricot and Miracle Yellow.
- **Miracle White**
- **Miracle Yellow** Lighter colour and faster to flower than Gold.
- **Pacific Blue** Very early to flower; colour is similar to Mid-Blue.
- **Pacific Crimson** Very early to flower; colour is same as Crimson.
- **Pacific Pink** Bright deep pink flower colour, on a short, thick-stemmed plant.
- **Purple Heart** Vibrant dark purple. Reselection of a favourite PanAmerican Seed variety. Flowers about 1 week after White.
- **Rose Pink #14** Deepest rose pink.
- **Ruby #8** Deepest red.
- **Sweetheart Pink** Appleblossom pink.
- **White Goddess** Slightly later to flower and thicker-stemmed than Avalanche.
- **Yellow Goddess** Later to flower with a comparable flower colour to Miracle Yellow. Large, thick stems.
- **Mixture** Formula blend.

MELAMPODIUM 🌻
Melampodium paludosum

Melanie

Height: 16 in./40 cm
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

The compact, uniform plants are floriferous and self-cleaning, delivering excellent all-weather garden performance including strong heat tolerance. Produces large, yellow, star-shaped blooms over bright green foliage. Good for 3.5 to 5-in./9 to 13-cm programs for use in window boxes and garden beds.

MILLET, ORNAMENTAL 🌻 🌿
Pennisetum glaucum

Jade Princess F1

Height: 24 to 30 in./60 to 75 cm
Spread: 18 to 24 in./45 to 60 cm
Supplied as raw seed.

Intense lime green leaves; controlled, mounded shape; and pollenless heads make this variety shine at retail and in landscapes and mixed or mono containers. Jade Princess is a “must have” for landscapers and consumers looking for plants in the popular chartreuse colour group. It offers an economical option to growers – seed can be direct-sown into finish containers, plants are well-suited to pot sizes up to gallons, and the crop finishes fast. The most compact of the PanAmerican Seed millets, the plants ship well. Note: Jade Princess requires warmer temperatures than other millets to perform well.



Jester

Jester F1

Height: 3 to 4 ft./90 cm to 1.2 m
Spread: 10 to 14 in./25 to 35 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as raw seed.

Unique foliage colour of this accent plant is ever-changing as it develops, making Jester appealing in mixed containers, gardens and landscapes. Young leaves are chartreuse with a subtle overlay of burgundy, while mature foliage becomes dominantly burgundy especially in full sun. As flower spikes develop, plants end the season with nearly the same bronze-purple colour as Purple Majesty. Jester comes into flower 7 to 10 days later than Purple Baron and Purple Majesty, and tends to stay compact longer into the season. At the time of flowering, Jester has a garden height about three-quarters



Purple Baron

of Purple Majesty, with wider leaves and more basal-branching. Best grown warm; well-suited to 4-in./10-cm to gallon containers in Spring to Autumn programs.

Purple Baron F1

Height: 2.5 to 3.5 ft./75 cm to 1.1 m
Spread: 10 to 14 in./25 to 35 cm
A Fantastic Foliage™ selection outside of North America – see page 42.
Supplied as raw seed.

Robust, compact accent plant adds a balanced look to mixed combos. Slightly darker purple than Purple Majesty, the leaves are shorter and wider for easier shipping, on a plant that is about two-thirds the height at maturity. As with Purple Majesty, the young plants are green at first. The stem and mid-rib begin to develop purple colour as they mature. The colour development is best when plants are grown in full sun. Large, thick flower spikes on plants that are better-branched at the base than Purple Majesty.

Purple Majesty F1

Height: 4 to 5 ft./1.2 to 1.5 m
Spread: 8 to 12 in./20 to 30 cm
A Fantastic Foliage™ selection – see page 42.
Supplied as raw seed.

Purple Majesty produces an accent plant with deep purple foliage, stems and flower plumes. A striking backdrop plant and excellent choice for mass plantings, large mixed containers and borders, Purple Majesty produces cattail-like flower plumes, each 12 to 14 in./30 to 35 cm long. Young plants are green. Stem and mid-rib of the foliage first turn purple after about 8 leaves have developed. Foliage turns dark purple when plants are moved from the greenhouse outside into full sun. Well-suited to 4-in./10-cm to gallon programs. Also makes a good cut flower. *All-America Selections Gold Medal Winner.*

MULTI-PELLETS**Fuseables™ Single-Species and Multi-Species Multi-Pellets**

See page 46.

SimplySalad™

See page 149.

MYOSOTIS (FORGET-ME-NOT)**Mon Amie Blue**

See Kieft-Pro-Seeds, page 241.



Purple Majesty



Poetry Mixture



Poetry Blue



Poetry Lavender Pink



Poetry White



Sundrops Mixture



NASTURTIUM

See *Tropaeolum* in Kieft-Pro-Seeds, page 249.

NEMESIA

NEMESIA FOETANS

Poetry F1 Series

Height: 12 to 14 in./30 to 35 cm

Spread: 10 to 12 in./25 to 30 cm

New! Poetry is now supplied as single pellets for increased uniformity.

The first seed-grown *N. foetans* offers an economical “grower friendly” product for premium bedding sales. Branches very well without pinching to produce bushy plants which fill out fast and full. Ideal for Spring and Autumn premium pack and 4-in./10-cm pot programs. A “must” for cool-season gardens and mixed containers! Winter flowering will occur in milder temperatures; will also flower lightly in warmer conditions in partial shade. All colours have a fragrance, with White the strongest. NOTE: It is recommended to sow 4 pellets per cell for uniform emergence and full trays.

- Blue
- Lavender Pink
- White
- Mixture

NEMESIA STRUMOSA

Sundrops Mixture

Height: 10 in./25 cm

Spread: 8 to 10 in./20 to 25 cm

Supplied as cleaned seed.

Offers a diverse colour range in nemesia – gold, rose, red shades and white, in a wide array of patterns. Early-blooming, compact plants are ideal for small container growing. Useful as a cool-season crop to accompany Spring pansies, Sundrops Mixture has great “shelf appeal,” is beautiful in mixed baskets and colour bowls, and makes an excellent patio item for Spring. Timing fits into the cineraria/calceolaria crop time. Ideal mail order item. *Fleuroselect Gold Medal Winner.*

-  Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Nicki Red Nicotiana



Nicki Mixture Nicotiana

NEW GUINEA IMPATIENS

See page 66.

NICOTIANA 🌻
Nicotiana glauca

Nicki Series

Height: 16 to 18 in./40 to 45 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as raw seed.

Rugged and durable, the vigorous Nicki series delivers a free-flowering habit, uniform height and excellent weather tolerance. Plants look good in the garden or commercial landscape from early Summer until frost. Best-suited to pot and large container production.

- Lime
- Red All-America Selections Winner.
- Rose
- White
- Mixture

NIEREMBERGIA 🌻
Nierembergia hippomanica

Robe Series

Height: 8 in./20 cm

Spread: 8 to 10 in./20 to 25 cm

Supplied as raw seed.

Heat-tolerant, early-blooming plants produce single, 1-in. (2.5-cm) flowers. Uniform, floriferous plants have strong garden vigour and long-flowering season in beds, borders and hanging baskets. Works well in garden beds and baskets.

- Purple Violet-blue.
- White



White Robe Nierembergia



Purple Robe Nierembergia

NEW Akila



**“Sow-easy, so-awesome” Akila lets you
grow terrific osteos in packs and pots!
Pictured: NEW White**



New Mixture

OSTEOSPERMUM ☀️
Osteospermum ecklonis
New Akila Series

Height: 16 to 20 in./40 to 50 cm
Spread: 16 to 20 in./40 to 50 cm
Supplied as raw seed.

The all-new Akila series gives growers the best seed-grown osteos for both habit and seed quality...lets retailers offer a top-quality series in packs and pots...provides landscapers with an economical and upscale choice for mass plantings and containers...and satisfies consumers so they'll be back for more! The most compact seed series available, Akila is well-suited to mechanized production and high-density programs – plants branch without pinching, all colours flower within a 7 to 10-day window, and no vernalization is needed. In the garden, the full, well-branched plants show off beautiful flowers and are drought tolerant once established.



New Purple



New White

- **Lavender Shades** Shades of light to dark lavender. 'PAS844620'
- **Purple** Opens silver and intensifies to purple. 'PAS844621'
- **White** White colour with some light blush around centre. 'PAS844619'
- **Mixture**



New Lavender Shades



New Lavender Shades

Cool-season quick reference solutions chart

PanAmerican Seed cut through the cluttered pansy market with the 2005 debut of Matrix and its revolutionary plant architecture and uniformity. Next came exciting breakthroughs with Panola XP and Sorbet XP. Frizzle Sizzle added a new dimension with unique colours and texture for planters. Our newest evolution in the pansy market is trail-blazing Plentifall, with awesome trailing plants that make out-of-this-world baskets and spreading groundcovers.



Matrix™



Plentifall™

SERIES	Matrix™	Plentifall™
OUTSTANDING FEATURES	Superior plant structure in extra large-flowered pansies	Unique trailing and spreading habit for baskets and beds
HABIT & VIGOUR	Less stretch due to unique plant architecture that grows out rather than up	Vigorous trailing habit; ultimately spreads up to 18 in./45 cm in the ground
OPTIMAL PRODUCTION CONTAINER	Packs, 4-in./10-cm pots	4-in./10-cm pots, hanging baskets
COLOUR RANGE	Clear: 9 Blotch: 8 Novelty: 5 Mixtures: 24	Clear: 2 Novelty: 3 Mixtures: 2
TYPE & FLOWER SIZE	Extra-large pansy, 3.5 in./9 cm	Multiflora pansy, 2 in./5 cm

Choose the cool-season varieties

**Panola™ XP**

Consistent landscape performance with a wide colour range

Moderate vigour; upright, mounding habit

Packs, 4-in./10-cm pots

Clear: 6
Blotch: 4
Novelty: 5
Mixtures: 9

Multiflora pansy,
2 in./5 cm

**Frizzle Sizzle**

Specialty ruffled flower form

Moderate vigour; upright, mounding habit

4-in./10-cm and larger pots

Clear: 1
Blotch: 3
Novelty: 3

Multiflora pansy,
2.5 in./6 cm

**Sorbet™ XP**

Uniform, bench-run viola series in top-selling colours

Compact and most uniform viola for habit, vigour and timing

Packs, 4-in./10-cm pots

Clear: 6
Blotch: 2
Novelty: 6
Bicolour: 3
Mixtures: 9

Viola cornuta,
1.25 in./3 cm

**Sorbet™ Standard**

Novel colours round out the widest viola offering

Moderate vigour; can be grown along with Sorbet XP

Packs, 4-in./10-cm pots

Clear: 5
Blotch: 4
Novelty: 8
Bicolour: 4
Mixtures: 3

Viola cornuta,
1 in./2.5 cm

for your unique program.

Matrix™



PANSY
Viola x wittrockiana

F1 EXTRA LARGE-FLOWERED
PANSIES 🌻🌺

Matrix™ Series ⚡

Height: 8 in./20 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as primed and raw seed.

Matrix pansies are design-engineered to grower specs to make plants with superior structure and holdability, while minimizing waste and unacceptable plant performance. Similar habit, timing and performance across the series – including the novelty colours – streamlines greenhouse production and delivers a better-looking product at retail.

All Matrix varieties flower within a 7-day window in Autumn production so that all colours from the same sowing can ship together. Superior branching produces plants that cover the soil before initiating blooms without stretching, to assure more flowers per plant in landscapes and containers.

Short, strong peduncles hold the large, thick-petaled, 3.5-in./9-cm flowers beautifully over the foliage. Matrix makes high-impact landscapes and containers, and is well-suited to 606 Jumbo packs, 1801s and 4-in./10-cm pot programs. The bottom line: *Matrix makes life easier – you don't touch the crop as much!*



▶ Watch the video online at panamseed.com/MatrixVideo ◀

Matrix lets you market pansies with superior plant architecture and retail holdability so you grow your profits. Pictured: Red Wing and Clear Mixture

⚡ Low energy production

See page 191 for more on the Circle of Life™ EcolIndex program.



White

Primrose

New Lemon

Yellow

Orange



Rose

Purple

New Light Blue Improved

New True Blue

Yellow Blotch



Red Wing

Rose Blotch

New Red Blotch Improved

White Blotch

Ocean



Blue Blotch

Deep Blue Blotch



Blue Frost*

*Natural variation and color interest.



Sangria*



Rose Wing*



Morpheus*



Sunrise*

Clear Matrix varieties

- **New Lemon** Light yellow shades. 'PAS835623'
- **New Light Blue Improved** Larger flowers on a better-branched plant that stretches less. 'PAS786626'
- **Orange** 'PAS491790'
- **Primrose** 'PAS334536'
- **Purple** Best deep clear purple on the market. 'PAS770616'
- **Rose** 'PAS537117'
- **New True Blue Clear**, deep blue. 'PAS770615'
- **White** 'PAS491298'
- **Yellow** 'PAS334564'

Blotch Matrix varieties

- **Blue Blotch** 'PAS284635'
- **Deep Blue Blotch** Some blue with blotch shades. 'PAS426588'
- **Ocean** Shades of light lavender blue with blotch; can contain a small percentage of white with blotch. 'PAS419918'
- **New Red Blotch Improved** Larger flowers display a deeper colour that resists yellowing better. Broader foliage and less stretch. 'PAS770611'
- **Red Wing** Produces a more stable red cap than the competition even under PGR and temperature stress. 'PAS491798'
- **Rose Blotch** Light rose to rose blotch shades; can contain a small percentage of cream blooms with rose cap. 'PAS419956'
- **White Blotch** 'PAS334560'
- **Yellow Blotch** 'PAS334561'

Novelty Matrix varieties

- **Blue Frost** White with blotch and striking picotee edge. Contains blue blotch and white blotch shades depending on environment. 'PAS284632'
- **Morpheus** Each bloom shows off a vibrant blue cap complemented by yellow lower petals with eye-appealing whiskering. One of the earlier flowering varieties in the series. At the upper end for vigour and peduncle length in the series. Habit is similar to Blue Frost. 'PAS460054'
- **Rose Wing** Produces a stable rose cap even under PGR and temperature stress. Under cooler, lower light conditions, rose colour develops around the perimeter of the lower blooms, causing an attractive rose blotch with white halo. 'PAS491796'
- **Sangria** Wine shades with variations of yellow halo around the centre blotch. 'PAS770618'
- **Sunrise** Peach, yellow and rose shades with blotch. 'PAS334539'

See page 104 for Matrix mixtures.

MATRIX PANSY continued

Matrix mixtures

- **New Autumn Blaze Mixture Improved** NEW Red Blotch Improved, Red Wing, Yellow and Yellow Blotch, plus Scarlet (coming soon).
- **Blotch Mixture**
- **Citrus Mixture** Orange, Primrose, White and Yellow.
- **Clear Mixture** Important mix for the landscaper trade includes all of the clear Matrix colours.
- **Coastal Sunrise Mixture** Ocean, Rose Blotch and Sunrise.
- **Halloween Mixture** Orange and Purple.
- **Harvest Mixture** Yellow, Purple and Orange.
- **Mixture** (pictured on next page)
- **Ocean Breeze Mixture** Blue Frost, Deep Blue Blotch, Ocean and White Blotch.
- **Raspberry Sundae Mixture** Rose Wing, Rose and White Blotch.
- **New Red and White Mixture** White and Scarlet (coming soon). Perfect for southern landscape markets for Christmas through Valentine's Day.
- **New Red, White and Blue Mixture** Patriotic mix includes NEW True Blue and White, plus Scarlet (coming soon).
- **Sunfire Mixture** Sunrise, Yellow Blotch and Rose Blotch.
- **New Tricolour Mixture** Includes NEW Lemon, NEW True Blue and Purple (pictured on next page).



New Autumn Blaze Mixture Improved



Blotch Mixture



Citrus Mixture



Clear Mixture



Coastal Sunrise Mixture



Halloween Mixture



Harvest Mixture



Ocean Breeze Mixture



Raspberry Sundae Mixture



New Red and White Mixture



New Red, White and Blue Mixture



Sunfire Mixture



New Tricolour Mixture



Mixture



Amber Mixture



Amethyst Mixture



Diamonds Mixture



Jewels Mixture



Opal Mixture



Ruby Mixture



Sapphire Mixture



Tanzanite Mixture



Topaz and Garnet Mixture



Yellow Topaz Mixture

Matrix Gemstone mixtures

- **Amber Mixture** Orange, Yellow and NEW Lemon.
- **Amethyst Mixture** Purple, Rose Blotch, Ocean and Deep Blue Blotch.
- **Diamonds Mixture** White, Primrose and NEW Lemon.
- **Jewels Mixture** NEW Lemon, NEW Light Blue Improved, NEW True Blue, Orange, Purple, Rose and Yellow.
- **Opal Mixture** Light Blue, Primrose, Rose and Lemon.
- **Ruby Mixture** Rose, Rose Wing and Rose Blotch.
- **Sapphire Mixture** Light Blue, Deep Blue Blotch and Blue Frost.
- **Tanzanite Mixture** Ocean, White Blotch and Purple.
- **Topaz and Garnet Mixture** Orange, Red Blotch and Yellow.
- **Yellow Topaz Mixture** Yellow, White and NEW Lemon.

Panola™ XP

F1 MULTIFLORA PANSIES 🌻🌷

Panola™ Series

Height: 6 to 8 in./15 to 20 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw and primed seed.
See page 168 for more information on XP varieties.

The Panola series is now more programmable, more predictable and just plain EASIER! Boasting a lineup of extremely well-matched varieties, Panola XP genetics deliver a tight 5 to 7-day flowering window, very uniform habit and shorter peduncles across 15 XP colours and 9 XP mixes. This broad array of colours lets you mix and match any Panola XP variety to achieve the most uniform pansy crop based on customer needs, while the good selection of landscaper-friendly clear colours delivers the added benefit of creating custom mixtures.

Long considered the ultimate multi-season landscape and garden series for Spring and Autumn, Panola pansies – both XP and standard colours – continue to outperform standard medium-flowered varieties in all kinds of conditions. The exceptional overwintering ability makes Panola the best choice for overwintering guarantee pansy programs. Free-flowering, well-branched and compact, the early-blooming plants maintain their garden height with less stretch in warm climates. Plants produce an abundance of blooms for good flower show in the landscape.

Clear Panola XP varieties

- **Deep Orange XP** 'PAS702640'
- **Purple XP** 'PAS702644'
- **Scarlet XP** Slight yellow eye.

'PAS702646'

- **True Blue XP** Consistent colour.

'PAS702634'

- **White XP** 'PAS702648'
- **Yellow XP** 'PAS543864'

Blotch Panola XP varieties

- **Deep Blue Blotch XP** 'PAS702632'
- **Fire XP** Deep mahogany red blooms have a small "flame" in the face that enlarges as temperatures rise.

'PAS702663'

- **Marina XP** Azure and white with blotch in a clean pattern. 'PAS702639'
- **Purple Face XP** White with deep purple blotch. 'PAS702643'
- **White Blotch XP** 'PAS543862'
- **Yellow Blotch XP** 'PAS702649'

Novelty Panola XP varieties

- **Beaconsfield XP** 'PAS702631'
- **Rose Picotee XP** Creamy face with dark blotch and rose picotee edge; variable pattern. 'PAS702645'
- **Sunburst XP** Bright scarlet blooms have yellow faces and whiskers.

'PAS490181'

Bred to handle the weather, Panola XP is the ultimate multi-season landscape pansy. Pictured: Scarlet, Orange, Yellow, True Blue and Purple



White XP Primrose Yellow XP Deep Orange XP Scarlet XP Rose



Sky Blue True Blue XP Purple XP White Blotch XP Yellow Blotch XP Yellow & Purple



Sunburst XP Red Blotch Violet Picotee Lavender Blotch Deep Blue Blotch XP Beaconsfield XP



Fire XP* Rose Picotee XP*



Purple Face XP* Marina XP*

*Natural variation and color interest.



Lilac Shades



Pink Shades



Autumn Blaze Mixture XP



Baby Boy Mixture XP



Blackberry Sundae Mixture XP



Blotch Mixture XP



Citrus Mixture XP



Clear Mixture XP



Halloween Mixture XP



Jewels 'N Jazz Mixture XP



Mixture XP



Silhouette Mixture

Panola XP mixtures

- **Autumn Blaze Mixture XP** Fiery mix of Scarlet, Sunburst and Yellow.
- **Baby Boy Mixture XP** Marina, True Blue and White.
- **Blackberry Sundae Mixture XP** Purple Face, Purple and White Blotch.
- **Blotch Mixture XP** Deep Blue Blotch, Fire, White Blotch and Yellow Blotch.
- **Citrus Mixture XP** Cheery mix of Deep Orange, White and Yellow.
- **Clear Mixture XP** Includes all clear Panola colours.
- **Halloween Mixture XP** Festive Autumn mix of orange and black.
- **Jewels 'N Jazz Mixture XP** Vibrant clear jewel tones of Deep Orange, Purple, Scarlet, True Blue and Yellow.
- **Mixture XP** Includes all Panola XP colours.

Panola Standard varieties

- **Lavender Blotch** 'PAS221817'
- **Lilac Shades** Shades from very light to very dark lavender. 'PAS284643'
- **Pink Shades** Pale pink to rose pink shades, some with whiskers or light blotch. 'PAS221815'
- **Primrose** 'PAS211173'
- **Red Blotch** 'PAS221836'
- **Rose** 'PAS284641'
- **Sky Blue** 'PAS426631'
- **Violet Picotee** White face with dark blotch and violet picotee edge. 'PAS284644'
- **Yellow & Purple** Yellow face with dark blotch and dark purple cap. 'PAS341442'
- **Silhouette Mixture** Primrose and Pink Shades plus shades of lilac.



XXL White With Blotch



XXL Yellow With Blotch



XXL Red & Yellow



XXL Red With Blotch



XXL Rose With Blotch*
*Natural variation and color interest.



XXL Blue With Blotch



XXL Purple



XXL Blotch Mixture



Promise Mixture



Promise Beaconsfield



Promise Yellow Purple Wing



Promise Indian Summer



Promise Sunset

F1 EXTRA LARGE-FLOWERED PANSIES 🌻 🌻

XXL Series

Height: 8 to 10 in./20 to 25 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw and primed seed.

XXL delivers the perfect pansies for early Autumn sales when day and night temperatures are high, without altering current growing practices. High-quality, huge-flowered plants withstand the extreme heat and PGR stress that comes with sowings made at the highest Summer temperatures. "Vigour & Bigger" is the motto of this series – XXL pansies make large, robust plants with extra, extra-large flowers. The eye-catching flowers sit atop foliage that fills out in the pot. The end result is a great show at retail, as well as in the landscape.

- Blue With Blotch
- Purple
- Red & Yellow
- Red With Blotch
- Rose With Blotch
- White With Blotch
- Yellow With Blotch
- Blotch Mixture

F1 LARGE-FLOWERED PANSIES 🌻 🌻

Promise Series

Height: 8 to 12 in./20 to 30 cm
Spread: 8 to 12 in./20 to 30 cm
Supplied as raw and primed seed.

Promise delivers a wide range of both classic and trendy colours, as well as excellent landscape vigour and floriferousness over a long bloom season. This early and large-flowered series is well-suited to Spring programs.

- Antique Shades
- Beaconsfield
- Blue Blotch
- Deep Blue Blotch
- Deep Orange
- Indian Summer
- Lemon Splash
- Marina
- Outback Fire
- Primrose Blotch
- Pure Lilac Shades
- Pure Silver Azure
- Pure White
- Pure Yellow
- Red Blotch
- Rose Shades
- Sunset
- True Blue
- White Blotch
- Yellow Blotch
- Yellow Purple Wing
- Yellow Red Wing
- Mixture



Baby Bingo Lavender Blue



Halloween II



Lavender Cool Shades



Rally Lilac Cap



Purple Rain



Blue & Purple Rain



Purple Rain

F1 MEDIUM-FLOWERED PANSIES



Baby Bingo Series

Height: 6 to 8 in./15 to 20 cm

Spread: 8 to 10 in./20 to 25 cm

Supplied as raw and primed seed.

Well-branched, free-flowering, medium-flowered series has uniquely coloured varieties that are favourites with growers and consumers.

- **Denim** Unique mix of blue and purple shades gives the feeling of faded blue jeans.
- **Lavender Blue** True blue face surrounded by a lavender edge with a yellow eye and whiskers.
- **Midnight** Purple cap marked by deep blue face with blotch.
- **Red & Yellow** Yellow with red cap and blotch.
- **Sky Blue** Clear light blue.

Halloween II

Height: 6 to 8 in./15 to 20 cm

Spread: 8 to 10 in./20 to 25 cm

Supplied as raw and primed seed.

Mid-size blooms are a unique uniform pure black colour, displayed on strong, short peduncles. Early, well-branched and floriferous plants overwinter with ease. Great for Autumn pots and packs.

Lavender Cool Shades

Height: 6 to 8 in./15 to 20 cm

Spread: 8 in./20 cm

Supplied as raw and primed seed.

A stand-out in cool temperatures, when the petals have a wavy, ruffled edge. Warmer temperatures produce more traditional, flat petals. The lavender shades show more of a contrasting colour blend than other lavender pansies.

Rally Lilac Cap

Height: 8 in./20 cm

Spread: 8 to 10 in./20 to 25 cm

Supplied as raw and primed seed.

Great novelty colour on compact, very free-flowering plants that overwinter well. *Fleuroselect Quality Award Winner.*

F1 SMALL-FLOWERED VIOLA SP.



Rain Series

Height: 10 to 16 in./25 to 40 cm

Spread: 10 to 16 in./25 to 40 cm

Supplied as raw and primed seed.

Rain varieties make a big impact in baskets and containers, mounding best in cooler conditions. This collection of mounded pansies and violas also produces a good, quick-colour groundcover, performing well in Autumn, surviving Winter temperatures with proper care, and emerging again in Spring for a fresh show of colour. Vigorous, mounded plants produce 1.5-in./4-cm blooms.

- **Blue & Purple** Flowers start purple, change to white, and mature to purple and blue. *All-America Selections Winner.* Bred by Tokita Seed Co. Ltd.
- **Frosty** White with light blue/purple picotee edge and purple blotch; blotch can occasionally appear blue-purple.
- **Purple** Bright, light purple with a blue face and yellow centre.



Frosty Rain

Plentifall™



Plentifall thrills with spills of colour! The unique flat, spreading habit creates out-of-this world baskets and makes a nice spreading groundcover, too.
Pictured: Mixture



New Frost



Lavender Blue



Lavender Blue



Purple Wing



New Yellow



White



Blueberry Frost Mixture



New Mixture Improved



Plentifall Lavender Blue Pansy with Clear Crystal White Alyssum, Blue Arrows Juncus and Glacier Hedera



Plentifall (left) outperforms standard multiflora and grandiflora pansies in overwintering trials.

F1 TRAILING PANSIES ☀️

Plentifall™ Series 🚩

Height: 6 to 8 in./15 to 20 cm

Spread: 18 to 24 in./45 to 60 cm

USDA Hardiness Zones: to Zone 5 (-20 to -10°F/-29 to -23°C minimum temperature)

Supplied as primed and raw seed.

The first trailing series of pansies from seed, Plentifall makes incredible cool-season baskets for early Spring and Autumn sales – this recent introduction is quickly becoming a consumer favourite! Plentifall makes a nice spreading groundcover with superior overwintering hardiness – it's the earliest pansy to come back in the Spring – and is a great "spiller" in mixed containers.

The very well-branched, prostrate and spreading plants grow vigorously, producing medium-sized blooms that hold up in rain and weather better than larger-flowered types. In mild climates, it combines well with red cyclamen or poinsettias in holiday patio planters. Plentifall has similar culture to multiflora pansies.

- **New Frost** White flowers develop a light blue frost near the edge as they mature. 'PAS835629'
- **Lavender Blue** 'PAS730659'
- **Purple Wing** 'PAS730658'
- **White** 'PAS738747'
- **New Yellow** Bright yellow. 'PAS738749'
- **Blueberry Frost Mixture** Lavender Blue, Purple Wing and White.
- **New Mixture Improved** Includes all colours.



▶ Watch the video online at panamseed.com/PlentifallVideo ◀

🚩 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Fizzy Lemonberry



Fizzy Grape



Fizzy Lemonberry

F1 RUFFLED PANSIES 🌻🌻

Fizzy Series

Height: 6 to 8 in./15 to 20 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw and primed seed.

High seed quality combines with eye-catching looks to deliver a top-performing pansy. Stronger ruffling occurs in cool conditions. Fizzy is that “something different” consumers are looking for their gardens! Well-suited to packs, 3.5-in./9-cm pots, colour bowls and baskets.

- **Grape** Deep purple with some lighter “fizz” on the upper petals; also an occasional rosy purple.
- **Lemonberry** Frilly yellow blooms are highlighted with dark purple picotee edges; also features almost solid purple and yellow flowers.

Frizzle Sizzle Series

Height: 6 to 8 in./15 to 20 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw and primed seed.

This popular series moves to the PanAmerican Seed lineup from Kieft-Pro-Seeds, and now offers more unique and bold colours than any other of this type. The frilly flower form makes this a retail standout – it’s a great choice for cool season end cap displays – and looks great in containers and “close-up” landscapes. Stronger ruffling occurs in cool conditions; Spring production is recommended.

- **Blue** Blue shades with blotch.
- **Burgundy** Burgundy shades with blotch.
- **New Orange** Some blooms have attractive whiskers.
- **New Passion Fruit** Shades of yellow with rose edge.
- **New Raspberry** Shades of white with rose cap and edge.
- **Yellow** Yellow shades with blotch.
- **Yellow-Blue Swirl**
- **New Mixture Improved** Includes all colours.



Frizzle Sizzle Blue



New Frizzle Sizzle Mixture Improved



Frizzle Sizzle Burgundy



New Frizzle Sizzle Orange



New Frizzle Sizzle Passion Fruit



New Frizzle Sizzle Raspberry

PELARGONIUM

See Geranium, page 52.

PENNISETUM GLAUCUM

See Ornamental Millet, page 94.

PENSTEMON

**Electric Blue
Violet Dusk**

See Kieft-Pro-Seeds, pages 243-244.



Frizzle Sizzle Yellow




Frizzle Sizzle Yellow-Blue Swirl



Deep Rose

PENTAS 
Pentas lanceolata

Butterfly F1 Series 

Height: 12 to 22 in./30 to 55 cm
Spread: 10 to 18 in./25 to 45 cm
Supplied as easy-to-sow pelleted seed.

Butterfly F1 pentas offer excellent performance for growers and gardeners. Large, star-shaped flowers and umbels up to 3 in./7 cm across deliver “drive-by” landscape colour in the steamiest summers. Hybrid vigour provides better stress tolerance than open-pollinated varieties. Butterfly flourishes in full sun with high heat and humidity. In cooler, more moderate areas, Butterfly can be sold as a late Spring to Summer item. Flowers attract butterflies and hummingbirds. Also suited for indoor lifestyle programs and interiorscaping. Perfect for gallon containers, Butterfly can be grown to fit 4 to 5-in./10 to 13-cm programs and premium packs with diligent growth regulation.

- **Blush** Light pink and white.
- **Deep Pink**
- **Deep Rose** Deep rose flowers turn cherry rose outdoors under high light. 1 to 2 weeks earlier than the rest of the series.
- **Lavender Shades** Very large florets in shades of lavender and rosy-lavender. Most compact of the series; about two-thirds the height of other colours.
- **Light Lavender**
- **Red** White-eyed flowers in a deep, true red.
- **White** White with some pink blushing under cooler conditions. Well-branched, very uniform plants. Timing is similar to Deep Rose.

PEPPER

See Vegetables & Herbs, page 165.



Blush



Deep Pink



Lavender Shades




Light Lavender



Red



White

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.

Ornamental Peppers

Distinctive foliage or colourful fruit combined with heat tolerance make all of our ornamental peppers great for all-season bedding and patio planter use. Try them in indoor plant programs, too! Pictured: Black Pearl



Black Pearl

PEPPER, ORNAMENTAL 🌞*Capsicum annuum***FOLIAGE ORNAMENTAL PEPPERS****Black Pearl** 🏆

Height: 14 to 18 in./35 to 45 cm; may grow to 3 ft./90 cm or more in warmer areas with longer growing seasons.

Spread: 12 to 16 in./30 to 40 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.

Grown for its unique foliage, Black Pearl is the first black-leaved ornamental pepper on the market, and is an ideal accent plant for landscape use and mixed containers. Bushy, upright and well-branched plants have foliage that is greenish when young and matures to glossy black with high light and heat. In the landscape, Black Pearl will develop rounded, shiny black fruit that matures to dark red. *All-America Selections Winner, Fleuroselect Quality Award Winner*, and a consumer favourite in many trial gardens. Good for 4-in./10-cm to gallon programs.

NOTE: Fruit is very spicy. U.S. Plant Variety Protection Number 2005000020

Calico F1 🏆

Height: 10 to 12 in./25 to 30 cm

Spread: 14 to 16 in./35 to 40 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.

Well-branched Calico shows off high-appeal, strongly variegated foliage of purple, cream and green. The compact and rounded accent plants are uniform in size across the crop for easy production. Extremely heat-tolerant Calico is great for landscaping and adds an exciting accent to mixed containers. Well-suited to 4-in./10-cm to gallon programs. **NOTE:** Fruit is very spicy.



Calico



Purple Flash

Purple Flash 🏆

Height: 13 to 15 in./33 to 38 cm

Spread: 19 to 21 in./48 to 52 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.

The unique foliage of Purple Flash combines striking colouration and interesting plant architecture with great heat tolerance to enhance in-ground plantings and mixed containers through even the toughest conditions. Purple Flash grows with a layered, scaffolding habit to create an exotic look. Leaves are almost black with “flashes” of bright purple. The compact, mounded plants are uniform in size across the crop for easy production. Well-suited to premium packs, 4 to 6-in./10 to 15-cm pots and gallons. **NOTE:** Fruit is very spicy.

FRUITING ORNAMENTAL PEPPERS**Chilly Chili** 🏆

Height: 9 to 10 in./23 to 25 cm

Spread: 13 to 14 in./33 to 35 cm

Supplied as raw seed.

This child-safe variety bears non-pungent fruit, making it ideal for indoor and outdoor use in both public and residential areas. The F₁ vigour makes it excellent for large containers and landscape use where larger plants are preferred. The ornamental fruit holds extremely well, starting out greenish yellow, gradually changing to orange and maturing to dark red. Each fruit is 2 to 2.5 in./5 to 5.5 cm long, but slightly wider, more blunt-nosed and less twisted than Medusa. Overall plant size is about 30% larger than Medusa. Recommended for 4.5 to 6-in./11 to 15-cm pots. Crop time is similar to Medusa. *All-America Selections Winner*. Plants grown from this seed are protected by U.S. Utility Patent Number 7,087,819 and 7,393,995.



Chilly Chili

🏆 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Garda Chandelier



Garda Fireworks



Garda Hocus Pocus



Garda Tricoloure



Masquerade



Medusa



Peppa Blanca/
Rosé



Peppa Lila/
Naranja



Peppa Orangina



Peppa Pepperoni



Peppa Purple/
Tangerine



Red Missile



Sangria



Cappa Conic White/Red



Cappa Round Red



Cappa Round Tricolour

FRUITING ORNAMENTAL PEPPERS continued

Garda F1 Series

Height: 16 to 24 in./40 to 60 cm
Spread: 18 to 22 in./45 to 55 cm
Supplied as raw seed.

Ornamental bedding series makes robust plants that display long-lasting colour – up to 4 months – on the fruit, over healthy green foliage.

- **Chandelier** Fruit starts light yellow, changes to yellow, matures to red.
- **Fireworks** Yellow to light purple/orange to red.
- **Hocus Pocus** Yellow to orange to red. *Fleuroselect Novelty.*
- **Tricoloure** Light purple to yellow/orange/red to purple.

Masquerade

Height: 10 to 12 in./25 to 30 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw seed.

Very early plants bear long fruit that is purple when they first appear, then turn yellow, orange, and finally red. Fruit is hot. Perfect for early 4-in./10-cm pot sales.

Medusa

Height: 6 to 8 in./15 to 20 cm
Spread: 4 to 6 in./10 to 15 cm
Supplied as raw seed.

A dwarf child-safe variety bearing non-pungent fruit, easy-to-grow Medusa is naturally compact and well-branched, making it ideal for 4-in./10-cm pot culture, with no growth regulators needed. Plants stay compact in gardens and containers. Produces colourful, 2 to 2.5-in./5 to 5.5-cm fruit – each with a narrow, twisted, cone shape – held prominently upright over the dark green foliage. Fruit starts out ivory, turns to yellow, then orange, and finally bright red. A single plant can produce 40 to 50 fruits, displaying the entire range of colours at one time. Medusa holds its fruit well, allowing for great shelf life and long sales period. Perfect for the Autumn and Christmas indoor pot plant market.

U.S. Plant Variety Protection Number 200000140. Plants grown from this seed are protected by U.S. Utility Patent Number 7,087,819 and 7,393,995.

Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.

Peppa F1 Series

Height: 10 in./25 cm
Spread: 14 to 16 in./35 to 40 cm
Supplied as raw seed.

Ideal for patio planters, the compact, well-branched plants produce long-lasting, non-pungent fruits. Great shelf life. Good for 4 to 5-in./10 to 12-cm programs.

- **Blanca/Rosé** Fruit starts light yellow, matures to orange.
- **Lila/Naranja** Yellow to light purple to orange to red.
- **Orangina** Yellow to orange to red; rounded fruit.
- **Pepperoni** Yellow to orange to red.
- **Purple/Tangerine** Light purple to yellow to orange.

Red Missile

Height: 8 to 10 in./20 to 25 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed.

Compact plants offer 2-in./5-cm, hot, tapered fruit that changes from cream to orange to bright red. Good for containers and gardens. Red Missile is the earliest to fruit.

Sangria F1

Height: 10 to 12 in./25 to 30 cm
Spread: 16 to 18 in./40 to 45 cm
Supplied as raw seed.

Here's a great ornamental pepper for public plantings both indoors and out – like Chilly Chili and Medusa, Sangria produces child-safe, non-pungent fruit. An indeterminate variety, the plants always have peppers of both purple and red for continuous, eye-catching displays. Well-branched and somewhat spreading, the uniform, full-bodied plants have a habit like Chilly Chili that makes them ideal for filling in landscapes and containers. Well-suited to premium packs, 4 to 6-in./10 to 15-cm pots and gallons. U.S. Utility Patent Number 7,696,416 and 7,393,995.

CUT FLOWER ORNAMENTAL PEPPERS

Cappa F1 Series

Height: 32 to 40 in./80 cm to 1 m
Spread: 12 to 16 in./30 to 40 cm
Supplied as raw seed.

Suitable for greenhouse and field cut flower production, Cappa features strong stems topped with many colourful, long-lasting fruits. Basal-branching plants are highly productive.

- **Conic White/Red** Colour changes from white over orange to red.
- **Round Red** Colour changes from deep green to strong red.
- **Round Tricolour** White, orange and red.
- **Topfruit White-Red** Clusters of fruit change from cream white over orange to red.



Cappa Topfruit White-Red

The Wave™ Ultimate Garden Center

Your online DIY guide to selling more of the most popular flowering annual ever!

Find fresh Wave POP... display ideas... "Certified Wave Experts" on-line tutorials...co-branding and PR opportunities.

Find it all at wave-rave.com/ultimatgardencenter



"Made With Wave"
Add value to your combo program with sensational, spreading colour and harness the power of Wave branding.

Use Wave varieties in your mixed basket and container programs to inspire purchases with the petunias consumers know, buy and trust!

Contact MasterTag or John Henry for new "Made With Wave" tags.



Ideas to grow Wave sales all season



Level 1: The Wave SUCCESSFUL Garden Center

Includes simple and oftentimes FREE ways to grow Wave sales.

Emphasizes the importance of **Pink Packaging** and offering colour choice to customers.

Steps to spread your petunia program over many months with the **5 Wave series**.

Updated POP lets you print – and customize – in-house, on-demand, or through Wave POP vendors.

Get listed on the **Wave Retailer Locator** and have customers find you!



Level 2: The Wave PREMIUM Garden Center

Shows how to have all-season Wave success.

Train your staff as “**Certified Wave Experts**” when they take our online tutorial and quiz.

Keep your customers interested and emphasize the **Wave colour range** by changing out your Wave colours and varieties regularly.

Plant Wave petunias **around your facility** to show performance.

Put local media to work for you promoting Wave with **PR, merchandising and advertising** opportunities.



Find out more at wave-rave.com/

Level 3: The Wave **ULTIMATE** Garden Center

This step builds on the previous levels and takes you a step further. **The sky's the limit** when it comes to Wave ideas!

Offers tips on hosting **in-store Wave events** to draw customers to the store and build enthusiasm for Wave petunias.

Easy ways to spread Wave through the community with **outreach programs**.

Contests and co-branding with the national **Wave-Rave Fan Club** extends opportunities.

Show off your Wave Ultimate Garden Center through **promotion and photography!**



ultimategardencenter



The Wave palette offers more colour choices all season long



Shock Wave Coconut **New** Shock Wave Coral Crush Shock Wave Denim Shock Wave Pink Shades Shock Wave Pink Vein Shock Wave Purple **New** Shock Wave Red Shock Wave Rose



Easy Wave Blue Easy Wave Coral Reef Easy Wave Mystic Pink Easy Wave Neon Rose Easy Wave Pink Easy Wave Pink Dawn Easy Wave Plum Vein



Easy Wave Burgundy Star Easy Wave Red Easy Wave Rosy Dawn Easy Wave Salmon Easy Wave Shell Pink Easy Wave Violet Easy Wave White



Wave Blue  Wave Lavender  Wave Pink Wave Purple Improved Wave Purple Classic Wave Rose



Wave Misty Lilac (Colour varies) Tidal Wave Cherry Tidal Wave Hot Pink Tidal Wave Purple Tidal Wave Silver 

Grow all, grow more, sell Wave



Shock Wave Buzz Mixture



Shock Wave Electric Mixture



Shock Wave Spark Mixture



New Shock Wave Volt Mixture



Easy Wave Beachcomber Mixture



Easy Wave Formula Mixture Improved



Easy Wave Gelato Mixture



Easy Wave Great Lakes Mixture



Easy Wave O Canada! Mixture



Easy Wave Opposites Attract Mixture



Easy Wave Pink Marble Mixture



Easy Wave Plum Pudding Mixture



▶ Watch the video online at panamseed.com/WaveVideo ◀



New Easy Wave South Beach Mixture



Easy Wave Starfish Mixture



New Easy Wave Sweet Tart Mixture



Easy Wave The Flag Mixture



Easy Wave Tropicana Mixture



Shock Wave

Easy Wave

Tidal Wave

Wave

all season.



Shock Wave™



Shock Wave covers small spaces with petite flowers. Pictured: Pink Vein, Denim



SPREADING PETUNIA

Petunia x hybrida

- Fuseables™ Blue Dawn
- Fuseables Burgundy Starlight
- Fuseables Cotton Candy
- Fuseables Silk N' Satin
- Fuseables Vogue

These Fuseables contain Wave petunia varieties. See page 46 for more on Fuseables.

Shock Wave™ Series

- Height:** 7 to 10 in./17 to 25 cm
- Spread:** 2.5 to 3 ft./75 to 90 cm
- Flower Size:** 1.5 to 2 in./4 to 5 cm
- Supplied as easy-to-sow pelleted seed.**

The earliest-to-flower spreading petunia series and the only small-flowered spreading series from seed on the market, Shock Wave blooms in a tight and consistent, 4 to 6-day window. You and your customers have never seen petunia hanging baskets like Shock Wave creates – each plant is blanketed with tons of colour from the amazing number of petite, high-impact flowers. Fast flowering combines with strong branching to deliver the quickest fill of any spreading petunia.

Ideal for early-season sales, these outstanding petite-flowered plants perform equally well in small spaces, hanging baskets, containers and mixed combos. Shock Wave produces a mounded, spreading plant that is similar in shape and just as easy to manage as Easy Wave. These excellent outdoor performers offer strong fill and season-long colour that the Wave family varieties are known for. The rebound from overhead watering and rain is faster than other petunias, keeping Shock Wave fresher looking at retail and outdoors. On the bench, Shock Wave has excellent branching to make great-looking containers. Plants are well-suited to a wide range of production sizes including Wave-Pink 9-packs, T-18 flats, 4 to 6-in./10 to 15-cm pots, and 10 to 12-in./25 to 30-cm baskets.

- **Coconut Crisp**, clean colour. Timing matches Pink Shades. 'PAS760723'
- **New Coral Crush** Shimmering coral with yellow throat; retains colour well in high light. Timing is similar to Pink Vein. 'PAS803824'
- **Denim** Flowers are dark blue-purple in cool/low-light and greenhouse production; change to blue-lavender-silver in high light and hot conditions. 'PAS760721'
- **Pink Shades**  Shades from soft blush to medium pink with a white throat. 'PAS520124'
- **Pink Vein**  Soft blush pink background with violet-rose throat and veins. Slightly less vigorous than Purple. 'PAS504993'
- **Purple**  Vibrant purple with a shiny pearl sheen and slightly deeper violet throat. The most vigorous of all Shock Wave colours, growing up to 4 ft./1.2 m across. 'PAS504984'
- **New Red** The top-selling colour in petunias is now available in Shock Wave! Holds colour well all season. Timing is similar to Pink Vein and Coconut. 'PAS782804'
- **Rose**  Rich rose with a white throat. 'PAS504954'
- **Buzz Mixture** Vibrant mix of Coconut, Rose and Pink Shades is bursting with colour energy!
- **Electric Mixture** High-voltage mix includes vivid Purple and Pink Vein.
- **Spark Mixture** Coconut, Denim and Pink Shades.
- **New Volt Mixture** Mix of patriotic colours includes NEW Red, Coconut and Denim.

See page 120 for variety photos.



New Coral Crush

Hanging Basket



209 Premium Pack

306 Premium Pack

Easy Wave™

Easy Wave fills containers and beds fast and full.
Pictured: Blue

Easy Wave™ Series

Height: 6 to 12 in./15 to 30 cm
Spread: 2.5 to 3.25 ft./75 cm to 1 m
Flower Size: 2 to 3 in./5 to 7 cm
Supplied as easy-to-sow pelleted seed.

Exceptional uniformity, the best-matched habit and the widest colour range make Easy Wave the easiest to produce and most versatile of all large-flowered spreading petunias. The uniformity of Easy Wave means simplified production, maximized plug yields and the ability to meet every ship date for every colour. This uniformity also allows you to grow specialty mixes! Easy Wave offers the broadest range of applications of any large-flowered spreading petunias, including gardens and landscapes, and solo or mixed containers and baskets.

Compared with other large-flowered spreading petunias, Easy Wave is *Easier to flower under short days for early-season sales...Easier to control on the bench...Easier to produce in premium packs, pots and baskets for more plants per square foot/metre...Easier to market with strong built-in Wave branding.* The fast-growing plants bloom freely all season in landscapes and containers without cutting back, and tolerate both heat and cooler conditions very well. Flower-filled plants grow a little more mounded than original Wave, with a more controlled spread.



Gelato Mixture

4-in./10-cm
Thermoform Pot



209 Premium
Pack



Hanging
Basket



- **Blue** Earliest blue spreading petunia. Dark blue flowers have some lighter blue shading. 'PAS320593'
- **Burgundy Star** The first spreading star petunia from seed. Rich burgundy and white pattern is consistent with standard star petunias – some flowers may be more solid or more white.

'PAS760702'

- **Coral Reef** Each large bloom is deep coral with a small white throat.

'PAS481972'

- **Mystic Pink** Large flowers in a good, consistent "cotton candy" colour. One of the earliest in the series.

'PAS760719'

- **Neon Rose** Vivid hot rose-pink colour holds in high light and heat.

'PAS760700'

- **Pink**

'PAS3189'

- **Pink Dawn** Creamy throat with pink margin. Similar timing to Rosy Dawn.

'PAS760714'

- **Plum Vein** The first vein pattern in Easy Wave – lavender background with plum-violet veining. Slightly more upright than others in the series.

'PAS739163'

- **Red** Deep red.

'PAS760704'

- **Rosy Dawn** Flowers open deep rose with cream throat, then mature to coral-pink with a morn pattern.

'PAS410436'

- **Salmon** Striking salmon-pink colour.

'PAS270940'

- **Shell Pink** Soft pink colour is uniform both within and between the plants.

'PAS410440'

- **Violet** Large blooms are a striking rich, deep violet. Slightly more upright than others in the series.

'PAS760717'

- **White**

'PAS760712'

- **Beachcomber Mixture** Blue, Coral Reef and Shell Pink.

- **Formula Mixture** Includes Blue, Coral Reef, Mystic Pink, Neon Rose, Pink, Red, Rosy Dawn, Shell Pink, Violet and White.

- **Gelato Mixture** Coral Reef, Neon Rose and White.

- **Great Lakes Mixture** Violet, Blue and White.

- **O Canada! Mixture** Red and White.

- **Opposites Attract Mixture** Violet and Coral Reef.

- **Pink Marble Mixture** White, Mystic Pink and Pink.

- **Plum Pudding Mixture** Plum Vein and Violet.

- **New South Beach Mixture** Red, Violet and Coral Reef.

- **Starfish Mixture** Burgundy Star and White.

- **New Sweet Tart Mixture** Mystic Pink, Neon Rose and White.

- **The Flag Mixture** Red, White and Blue.

- **Tropicana Mixture** White, Shell Pink and Rosy Dawn.

See page 120 for variety photos.

Low energy production

Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.

Tidal Wave™

Tidal Wave puts mountains of colour in big spaces.

Pictured: Silver



Tidal Wave™ Series

Height: 16 to 22 in./40 to 55 cm
Spread: 2.5 to 5 ft./75 cm to 1.5 m
Flower Size: 2 to 2.5 in./5 to 5.5 cm
Supplied as easy-to-sow pelleted seed.

The tallest of the Wave family, award-winning Tidal Wave petunias create an extremely full plant covered with an amazing number of blooms. Plants first grow outward, then up, and finally in both directions to make an outstanding, shrublike shape that continues to hold its form all season. An excellent landscape performer with terrific *Botrytis* tolerance and quick recovery from rain, the plants resist lodging so they won't fall open and expose a bare centre like other petunias can.

Tidal Wave is well-suited to large containers, or sold green in 1801 or similar pack size. The growth habit is based on how closely the plants are placed in the garden – the closer the spacing, the taller the plants. Spaced a minimum of 12 in./30 cm apart, Tidal Wave forms a dense, mounded hedge, 16 to 22 in./40 to 55 cm tall. Grown in a restricted space with support, they will grow an extra 2 to 3 ft./60 to 90 cm upward, like a vine. The stiff stems help to maintain the habit through the season. Spaced up to 24 in./60 cm apart in the garden, Tidal Wave makes a floriferous groundcover, spreading up to 5 ft./1.5 m across per plant.

- **Cherry** 'PAS91421'
- **Hot Pink** 'PAS91422'
- **Purple** Vibrant, bright purple flowers are similar in colour to popular Wave Purple. Blooms a few days later than Hot Pink and Cherry, on plants with a similar habit. 'PAS233118'
- **Silver** Flowers are silvery white to very light lavender with dark purple veins. Blooms are slightly larger on vigorous plants that have a denser habit. Flowering is 1 to 2 weeks later than Cherry and Hot Pink. *All-America Selections Winner, Fleuroselect Quality Award Winner.* 'PAS97287'

See page 120 for variety photos.



8-in./20-cm Thermoform Pot

Wave™

Wave creates a ground-hugging carpet of colour. Pictured: Purple Classic



Wave™ Series

Height: 5 to 7 in./13 to 18 cm

Spread: 3 to 4 ft./90 cm to 1.2 m

Flower Size: 2 to 2.5 in./5 to 6 cm

Supplied as easy-to-sow pelleted seed.

Wave spreading petunias are one of the most successful plant brands ever introduced! The best and largest-selling spreading petunia on the market, Wave has set the highest standard for petunia landscape performance. Today this award-winning series boasts a distinguished All-America Classics variety, plus two All-America Selections Winners and two Fleuroselect Gold Medal Winners!

The spectacular low-growing, spreading habit makes this award-winning series an exciting choice for landscapes and garden beds, as well as baskets and large colour bowls. Masses of flowers form along the entire length of each branch. Unlike standard petunias, the flowers continue to bloom freely all season without being trimmed back. Wave petunias are more *Botrytis*-tolerant than most petunias, and stand up well to both heat and cooler conditions. It's no wonder landscapers and gardeners everywhere ask for original Wave petunias by name! Well-suited to 6-in./15-cm pots and baskets.

• **Blue** Rich deep blue blooms. Timing is similar to Purple Classic. *All-America Selections Winner, Fleuroselect Gold Medal Winner.* 'PAS97502'

• **Lavender** Rich, deep lavender offers a distinctively different hue. Prostrate, spreading habit is similar to Purple Improved and Purple Classic in the garden. Timing is similar to Misty Lilac. *All-America Selections Winner, Fleuroselect Gold Medal Winner.* 'PAS95053'

• **Misty Lilac** Extremely free-flowering with the largest flowers of the series for a very full look. Light lavender blooms mature to pale lavender or white, and combine well with Purple Improved and Purple Classic. Flowers may show appealing white "splashes" when plants are grown in high light or growth regulators are applied. Misty Lilac grows taller than the other Wave colours. 'PAS3190'

• **Pink** Prostrate spreading habit and vigorous growth are comparable to Purple Improved, Purple Classic, Lavender and Blue. Timing is similar to Purple Classic. 'PAS97504'

• **Purple Improved** Begins to flower at 11 hours, and is 12 to 14 days earlier than Purple Classic. Larger flower size, with flowering in the plant centre for a fuller look. Faster garden fill, even in cooler and wetter conditions. Continues to offer the same vibrant purple-magenta flower colour, flat habit and great garden performance as the original Purple Classic. 'PAS760727'

• **Purple Classic** The original award-winning Wave has been named an *All-America Classic*, part of an elite group of five varieties. Magenta-purple flowers. Blooms about 1 week later than the Lavender, Misty Lilac and Rose. 'PAS3187'

• **Rose** Bright rose colour. Flower size is similar to Purple Improved and Purple Classic. 'PAS3191'

See page 120 for variety photos.

Low energy production

Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



6-in./15-cm Thermoform and Injection Molded Pots



Pink



Baby Duck Yellow with Serena Lavender Angelonia and Sirocco Anemanthele



Baby Duck Yellow

PETUNIA 🌞
Petunia x hybrida

- Fuseables™ Blueberry Lime Jam**
- Fuseables Burgundy Starlight**
- Fuseables Flirtini**
- Fuseables Key Lime Parfait**
- Fuseables Pink Dream**
- Fuseables Vogue**

These Fuseables contain novelty and standard petunia varieties. See page 46.

F1 SMALL-FLOWERED SPREADING PETUNIA

Baby Duck Yellow

Height: 10 to 14 in./25 to 35 cm
Spread: 3 to 3.5 ft./90 cm to 1 m
Supplied as easy-to-sow pelleted seed.

Fast-growing Baby Duck Yellow fills in landscapes and gardens quickly, as well as large solo or mixed containers. Growers, retailers and gardeners alike will appreciate this small-flowered seed petunia. Small, soft yellow, trumpet-shaped blooms – blanket the vigorous and slightly upright spreading plants. Works well in 306 premium packs, 1801 flats, 4 to 6-in./10 to 15-cm pots and 10-in./25-cm baskets. *American Garden Award Winner.*

F1 GRANDIFLORA SINGLE PETUNIA

Daddy™ Series

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed or easy-to-sow pelleted seed.

The best-selling veined grandifloras and the only full series of veined varieties, the Daddy series features 4-in./10-cm blooms, good earliness and dependable, high-quality pack habit.

- **Blue** Silvery blue with violet veins. 'PAS3085'
- **Orchid** Light orchid with dark veins. *All-America Selections Winner.* 'PAS3077'
- **Peppermint** Light pink with rose veins. 'PAS3078'
- **Pink** Deep pink with dark veins. 'PAS3076'
- **Red** Rosy salmon with deep red veins. *Sold as Strawberry Daddy in North America.* 'PAS3080'
- **Sugar** Light orchid with deep purple veins. 'PAS3087'
- **Mixture**



Daddy Mixture



Blue Daddy



Orchid Daddy



Peppermint Daddy



Pink Daddy



Sugar Daddy



Debonair Dusty Rose



Debonair Dusty Rose



Debonair Lime Green



Sophistica Blue Morn



Sophistica Antique Shades



Sophistica Lime Bicolour

F1 SINGLE PETUNIA

The designer Debonair and Sophistica collections combine beautiful flowers painted in special one-of-a-kind colours with professional seed quality. Suitable for pots, combo planters and baskets, these premium petunias can command a higher price point at retail than standard varieties, and open the door to decorator opportunities.

Debonair Collection

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as easy-to-sow pelleted seed.

Multiflora blooms are displayed on the well-branched, mounded and upright plants.

- **Dusty Rose** Dusty rose margin with antique yellow throat. Colour becomes lighter in higher light/warmer conditions. U.S. Plant Utility Patent Number 7,642,436; European Utility Patent Applied For
- **Lime Green** Yellow with underlying lime tone is a very solid colour with no veining or fading like traditional yellow petunias. U.S. Plant Utility Patent Number 7,642,436; European Utility Patent Applied For

Sophistica™ Collection

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as easy-to-sow pelleted seed.

An abundance of grandiflora blooms highlight plants that are well-matched for flower timing to make scheduling and shipping easier.

- **Antique Shades** Antique rose colour with yellow throat on a star-shaped bloom. 'PAS766485' U.S. Plant Utility Patent Number 7,642,436; European Utility Patent Applied For
- **Blue Morn** Blue margin with silver-white throat; throat will be less noticeable in cooler/greenhouse production, and more noticeable outside and in warm, high-light conditions. 'PAS761036'
- **Lime Bicolour** Unique flower colour changes based on light, heat and age of flowers. 'PAS760699' U.S. Plant Utility Patent Number 7,642,436; European Utility Patent Applied For

Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.

Dreams

Get everything you need in a single grandiflora series – Dreams gives you a series that's well-matched across every colour, even the novelties!
Pictured: Day Dreams Mixture

F1 GRANDIFLORA SINGLE PETUNIA

Dreams Series 

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed or easy-to-sow pelleted seed.

Dreams petunias offer matched performance in all colours including the picotees, so there is no need to pick and choose from several series. The free-flowering grandifloras provide a 5 to 7-day Spring bloom time window from flat to flat, across the colour range. The tight branching habit and plant structure assure a high-quality look at retail and excellent garden performance. Dreams petunias deliver consistently high seed quality, and have very good *Botrytis* tolerance.

- **Appleblossom** Light blush salmon or chiffon blooms hold their colour well.
- **Burgundy**
- **Burgundy Picotee** Large burgundy flowers with white picotee edge; colour pattern is more stable than other picotee types.
- **Coral Morn** Coral-red margin around creamy white throat. Times like Rose Morn.
- **Fuchsia** Strong, vivid colour.
- **Midnight** Violet-toned blue.
- **Neon Rose** Magenta purple flowers are a unique colour in grandiflora petunias.
- **Pink** Yellow throat.
- **Pink Vein** Very light pink with deep pink vein. *Not available in North America.*
- **Red**
- **Red Picotee** Rich red with clean white margin. Well-branched; matches Rose Picotee for timing and plant habit.
- **Rose** Bright rose with yellow throat.
- **Rose Morn** Hot rose blooms have white morn centre and yellow throat.
- **Rose Picotee** High-quality picotee produces medium to large, rose-coloured flowers with white edge; more stable colour pattern than other picotee types.
- **Salmon**
- **Sky Blue**
- **White**
- **Day Dreams Mixture** Rose Morn, Rose and White.
- **Mixture** Crisp blend of solid Dreams colours.
- **Patriot Mixture** Red, White and Midnight (blue).
- **Waterfall Mixture** Soothing combination of Sky Blue, Midnight and White.
- **Wild Rose Mixture** Vibrant mix of Appleblossom, Neon Rose and Burgundy.

 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Appleblossom



Burgundy



Burgundy Picotee



Coral Morn



Fuchsia



Midnight



Neon Rose



Pink



Pink Vein



Red



Red Picotee



Sky Blue



Rose



Rose Morn



Rose Picotee



Salmon



White



Mixture



Patriot Mixture



Waterfall Mixture



Wild Rose Mixture



Supercascade Lilac

F1 GRANDIFLORA SINGLE PETUNIA continued

Supercascade Series 

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Huge, 4 to 5-in./10 to 13-cm flowers deliver great retail and garden impact. Early to bloom.

- Blue
- Blush Light pink with soft rose blush.
- Burgundy
- Lilac
- Pink
- Red
- Rose Deep rose.
- Salmon
- White
- Mixture

F1 GRANDIFLORA DOUBLE PETUNIA

Duet

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Salmon and white bicoulor with serrated edges; some solid salmon blooms.

Glorious Mixture

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Bright mix of solids and bicoulores, including red, white, salmon, rose, pink, burgundy and purple.

Pirouette Series

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Eye-catching, very double flowers with serrated petals in distinctive bicoulor picotee patterns.

- Purple Purple and white. *All-America Selections Winner.*
- Red Red and white.
- Rose Rose and white.

Sonata

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

White with lightly serrated petals.

Valentine

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Soft red with serrated petals.



Supercascade Blue



Supercascade Red



Supercascade White



Supercascade Rose



Duet



Pirouette Purple



Glorious Mixture



Sonata



Pirouette Red



Pirouette Rose



Valentine



Blue



Burgundy

Double Cascade Series

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Featuring huge, 4 to 5-in./10 to 13-cm, double flowers that resemble carnations, Double Cascade varieties have an outstanding habit and good branching. Excellent program for late Spring sales. Well-suited to 5-in./13-cm or larger containers; also makes a unique, large mixed container option.

- **Blue** Deep blue colour; some blooms may show small white markings.
- **Burgundy**
- **Orchid Mist** Very large flowers in lavender-pink that mature to a very light lavender-pink; some flowers have white splashes.
- **Pink**
- **Plum Vein**
- **Soft Pink**
- **Mixture**



Orchid Mist



Pink



Plum Vein



Soft Pink



Mixture



Duo Mixture



Duo Blue



Duo Burgundy



Duo Lavender



Duo Peppermint



Duo Pink



Duo Red



Duo Rose



Duo Salmon



Duo Satin Pink



Duo Red And White



Duo Rose And White



Duo Summer



Duo Red And White



Duo Rose And White

F1 MULTIFLORA DOUBLE PETUNIA

Duo Series

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.
Not available for sale in North America.

Rely on Duo petunias to deliver tremendous results, sow to sell. With excellent seed quality, germination and young plant performance, this compact, floriferous series produces masses of double, 2 to 2.25-in./5 to 5.5-cm flowers on well-branched plants. Superb for use for pots, baskets and beds. Flowers rebound within hours of a rainstorm in the landscape. Well-suited to 5-in./13-cm or larger containers, and a unique, large mixed container option.

- **Blue** Deep, velvety midnight blue; some blooms may show small white markings.
- **Burgundy**
- **Lavender** Lavender blue.
- **Peppermint** Light pink with deep rose veins.
- **Pink**
- **Red**
- **Red And White**
- **Rose**
- **Rose And White**
- **Salmon**
- **Satin Pink** Light salmon-pink with a satiny sheen.
- **Summer** Light salmon-pink with red veins.
- **Mixture**

Tart Bonanza Mixture

Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.

Combines the beauty of double flowers and prolific flowering of multifloras. Formula blend has 2 to 2.5-in./5 to 6-cm blooms on mounded plants. A favourite among home gardeners.



Tart Bonanza Mixture



Mixture



Blue Lace



Blue Star

F1 MULTIFLORA SINGLE PETUNIA

Carpet Series

Height: 10 to 12 in./25 to 30 cm
Spread: 10 to 15 in./25 to 38 cm
Supplied as raw and pelleted seed.

Heat-tolerant plants deliver incredible garden performance in high-heat areas. Free-flowering with excellent branching and mid-size blooms, Carpet delivers a lush “carpet” of colour all season long in home gardens or commercial landscapes.

- **Blue**
- **Blue Lace** Dark blue-veined flowers.
- **Blue Star** Holds its star pattern in heat.
- **Bright Red**
- **Buttercream** Soft yellow.
- **Lilac** Light lilac with rosy tones.
- **Pink**
- **Pink Morn** Pink flowers have a large white morn centre and yellow throat.
- **Plum** Rosy purple with deep purple veins.
- **Rose** Rose flowers with white throat.
- **Rose Star** Rose and white star pattern.
- **Salmon** Bright salmon with creamy white throat.
- **Sky Blue** Light blue tones.
- **True Blue** Mid-blue.
- **Velvet** Burgundy purple.
- **White**
- **Mixture**
- **Neptune Mixture** Inspired by the blues of the sea; includes True Blue, Blue, Sky Blue, Lilac, Blue Lace and White.



Blue



Bright Red



Buttercream



Lilac



Pink Morn



Pink



Plum



Rose



Salmon



Sky Blue



Rose Star



Neptune Mixture



Velvet



True Blue



White

Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.

Mirage



Mirage makes a big statement in every sunny setting, showing off lots of colour and terrific all-Summer performance.

Pictured: Red, Yellow and Plum Crystal

F1 MULTIFLORA SINGLE PETUNIA
continued

Mirage Series

Height: 10 to 15 in./25 to 38 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as raw and pelleted seed.

Not available for sale in North America.

Mirage petunias combine large flower size with multiflora flower packs, pots, beds and mass plantings all season until frost. The key to success is outstanding performance at every stage: seed quality, seedling vigour and plant habit. Offering a very broad colour range, each variety was selected for outstanding performance across a wide range of conditions. Large flower size and excellent branching habit combine for a perfect balance of show at point of sale, without sacrificing garden performance.

- **Blue**
- **Blue Star** Blue and white star.
- **Burgundy Star** Burgundy and white star.
- **Carmine**
- **Chic** Light pink with deep rose veins.
- **Lavender** Lavender with darker veins.
- **Lavender Glow** Unique colour – in packs, the blooms have a rich lavender-rose margin, light blue/silver morn centre, and yellow throat. In the garden, the lavender-rose colour and yellow throat are very showy.
- **Light Blue** Sky blue.
- **Lilac**
- **Mid-Blue** Clear medium blue.
- **Orchid**
- **Pink**
- **Plum Crystal** Light plum with dark plum veins on the throat.
- **Purple** Deep purple.
- **Red**
- **Red Morn** Red with white throat.
- **Red Picotee** Large, deep red flowers with clean white margins. Earlier to flower than others of this type.
- **Rose**
- **Rose Morn** Hot rose blooms with white morn centre and yellow throat; timing is at the early range of the series.
- **Salmon** Salmon pink.
- **Salmon Morn** Large salmon flowers have a white morn centre and yellow throat.
- **Spring** Pale salmon with darker veins.
- **Sugar** Orchid with darker veins.
- **Summer** Light salmon-pink with red veins.
- **Velvet** Deep burgundy.
- **White**
- **Yellow** Clean, bright yellow with a slightly deeper throat colour.
- **Mixture**
- **Reflections Mixture** Mix of veined colours.

 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Blue

Blue Star

Burgundy Star

Carmine

Chic

Lavender



Lavender Glow

Light Blue

Lilac

Mid-Blue

Orchid

Pink



Plum Crystal

Purple

Red

Red Morn

Red Picotee

Rose



Rose Morn

Salmon

Salmon Morn

Spring

Sugar

Summer



Velvet

White

Yellow



Mixture

Madness®

Consumers across North America keep coming back to Madness for the impressive, all-season colour shows and easy care.

Pictured: Yellow

F1 FLORIBUNDA PETUNIA

Madness® Series

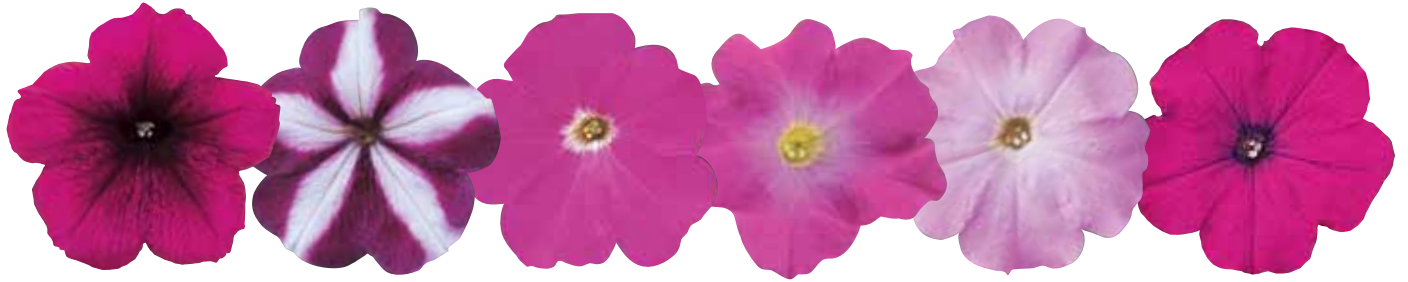
Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw and pelleted seed.
Available in North America only.

Exceptional seed quality, plug performance and uniformity across all colours from sow to finish combine to make Madness a favourite of growers. The terrific season-long performance with lots of “flower power” and excellent branching assure good retail shows and satisfied gardeners. These floriferous plants are covered with an abundance of 3-in./7-cm blooms. All of the colours put on outstanding shows in packs, pots, beds and mass plantings throughout the Summer, right up until frost.

- **Burgundy** Dark burgundy veins. ‘PAS3218’
- **Burgundy Star** ‘PAS3230’
- **Carmine** Rosy magenta. ‘PAS3238’
- **Lavender Glow** Lavender rose margin, light blue morn centre and yellow throat. ‘PAS408366’
- **Lilac** ‘PAS3271’
- **Magenta** ‘PAS99629’
- **Midnight** 🚩 Deep blue. ‘PAS88055’
- **Orchid** Lavender blue with dark veins. ‘PAS3200’
- **Pink** ‘PAS3206’
- **Plum** ‘PAS3204’
- **Plum Crazy** Unique veined pattern and slight ruffled edge. ‘PAS458779’
- **Red** 🚩 ‘PAS458793’
- **Red Morn** Red with white throat. ‘PAS458795’
- **Red Picotee** Deep red with clean white margins. ‘PAS458797’
- **Rose** ‘PAS3224’
- **Rose Morn** Hot rose with white centre and yellow throat. ‘PAS408368’
- **Royal** Deep purple. ‘PAS3236’
- **Salmon Morn** Salmon with white centre and yellow throat. ‘PAS408430’
- **Sheer** Light pink with dark veins. ‘PAS3195’
- **Simply** Salmon-pink. ‘PAS3214’
- **Spring** Pale salmon with dark veins. ‘PAS3220’
- **Sugar** Orchid; dark veins. ‘PAS3215’
- **Summer** Salmon-red with deep rose veins. ‘PAS3225’
- **White** 🚩 ‘PAS3232’
- **Yellow** Clean bright yellow with slightly deeper throat colour. ‘PAS713683’
- **Clear Madness Mixture** All clear colours except Yellow and Pink.
- **Just Madness Mixture** Six veined colours.
- **Madness Merlot Mixture** Carmine, Lavender, Pink and White.
- **Madness Old Glory Mixture** Red, White and Blue.
- **Madness Red Splash Mixture** Red, White and Red Picotee.
- **March Madness Mixture** Rose Morn, Pink and White.
- **Moonlight Madness Mixture** Lavender Glow, Yellow and Lilac.
- **Total Madness Mixture** Bright, well-balanced mix of 13 colours.
- **Waterfall Madness Mixture** Lilac, Magenta, Royal and White.

🚩 Low energy production

See page 191 for more on the Circle of Life™ Ecolindex program.



Burgundy

Burgundy Star

Carmine

Lavender Glow

Lilac

Magenta



Midnight

Orchid

Pink

Plum

Plum Crazy

Red

Red Morn



Red Picotee

Rose

Rose Morn

Royal

Salmon Morn

Sheer



Simply

Spring

Sugar

Summer

White

Yellow



Clear Madness Mixture



Just Madness Mixture



Madness Merlot Mixture



Madness Old Glory Mixture



Madness Red Splash Mixture



March Madness Mixture



Moonlight Madness Mixture



Total Madness Mixture



Waterfall Madness Mixture



Blue



Burgundy



Lavender



Pink



Rose



Red



Red And White



Rose And White



Salmon



Satin Pink



Rose And White



Sheer



Summer

F1 FLORIBUNDA DOUBLE PETUNIA

Double Madness Series

Height: 10 to 15 in./25 to 38 cm

Spread: 15 to 18 in./38 to 45 cm

Supplied as raw and pelleted seed.

Available in North America only.

Offering the same superior performance as the original Madness series, these double petunias are just as spectacular in pots, baskets, beds and landscape plantings. The compact and floriferous plants deliver generous masses of 2 to 2.25-in./5 to 5.5-cm flowers all Summer and bounce back within hours of a rainstorm. Well-suited to 5-in./13-cm and larger containers and a unique large mixed container option.

- **Blue** Deep, velvety midnight blue; some blooms may show small white markings.
- **Burgundy**
- **Lavender** Most vigorous of the series.
- **Pink** Deep pink; semi-double.
- **Red** 100% fully double to semi-double.
- **Red And White**
- **Rose**
- **Rose And White**
- **Salmon** Rich salmon pink.
- **Satin Pink** Light salmon pink with a satiny sheen; semi to fully double.
- **Sheer** Light pink with deep rose veins.
- **Summer** The same popular colour as original Summer Madness – light salmon-pink with red veins.
- **Mixture**



21st Century Patriot Mixture

PHLOX ☀️
Phlox drummondii

21st Century F1 Series

Height: 10 in./25 cm
Spread: 10 in./25 cm
Supplied as primed seed.

The world's first F1 phlox, 21st Century offers outstanding showiness, hybrid germination and vigour. Easy-to-grow plants are daylength neutral, and finish fast and uniformly across all colours. Vigorous lateral branching makes full, mounded plants, with strong flower power from Spring until frost. Tolerates heat very well when planted in the garden in early Spring with cooler temperatures. Well-suited to Jumbo packs, 4-in./10-cm pots and gallon containers (8-in./20-cm standard pots), 21st Century phlox is ideal for early Spring and southern Autumn sales.

- **Blue**
- **Blue Star** Novel star pattern – blue flowers soften to almost white at the outer edge of the petals for an antique look. Colour intensity is deeper under cooler temperatures, lighter under warm.
- **Buttercream** Unique colour for *P. drummondii*.
- **Crimson**
- **Pink** Dark rose; star-shaped eye.
- **Rose Star** Similar to Blue Star, but with rose-burgundy flowers that change to lighter rose petal edges. Colour intensity is deeper under cooler temperatures and lighter under warm.
- **Salmon**
- **Scarlet**
- **White**
- **Magenta Mixture** Rose-magenta shades with a touch of white.
- **Mixture** Blue, Salmon, Crimson, Scarlet, White and magenta rose.
- **Patriot Mixture** Crimson, Blue and White.



21st Century Blue



21st Century Buttercream



21st Century Crimson



21st Century White



21st Century Blue Star



21st Century Pink



21st Century Rose Star



21st Century Salmon



21st Century Magenta Mixture



21st Century Mixture



21st Century Scarlet



Chanal Double

Chanal Double

Height: 8 in./20 cm
Spread: 8 in./20 cm
Supplied as raw seed.

The first truly double phlox produces appleblossom pink blooms that look like mini-roses all Summer long. Sturdy, compact plants do not need PGRs, and are ideal for large pack and pot plant programs. *Fleuroselect Quality Award Winner.*



Ethnie Mixture



Ethnie Dark Rose



Ethnie Light Blue



Ethnie Purple Violet



Ethnie Scarlet



Ethnie Velvet Red



Ethnie White



Ethnie Salmon



Ethnie Pastel Mixture



Promise Lilac Blue



Promise Pink



Promise Rose



Promise Scarlet



Promise White



Promise Peach



Promise Mixture

PHLOX continued

Ethnie Series

Height: 8 in./20 cm

Spread: 8 in./20 cm

Supplied as raw seed.

This genetically compact series is an excellent choice for pot and pack programs, delivering uniform habit and earliness. Crop time is just 10 to 12 weeks and no PGRs are needed in production. The single flowers are available in a wide colour range.

- Burgundy
- Dark Rose
- Light Blue
- Purple Violet
- Salmon
- Scarlet
- Velvet Red *Fleuroselect Quality Award Winner.*
- White
- Mixture
- Pastel Mixture *Fleuroselect Quality Award Winner.*

Promise Series

Height: 8 in./20 cm

Spread: 8 in./20 cm

Supplied as raw seed.

The very floriferous plants feature double and semi-double flowers held well above the foliage. Strong outdoor vigour makes Promise a long-lasting garden performer. Well-suited to large pack and pot production.

- Lilac-Blue *Fleuroselect Novelty.*
- Peach *Fleuroselect Quality Award Winner.*
- Pink *Fleuroselect Novelty.*
- Rose *Fleuroselect Quality Award Winner.*
- Scarlet *Fleuroselect Novelty.*
- White *Fleuroselect Quality Award Winner.*
- Mixture



Silver Crest Plectranthus



Silver Shield Plectranthus



Emerald Lace Plectranthus

PLECTRANTHUS**PLECTRANTHUS ARGENTATUS****Silver Crest** 🌞 🌱**Height:** 8 to 10 in./20 to 25 cm**Spread:** 18 to 24 in./45 to 60 cm**A Fantastic Foliage™ selection – see page 42.****Supplied as raw seed.**

This compact accent plant is an easy and economical-to-produce choice for mixed containers, baskets and landscapes. Tolerant of heat and water stress, Silver Crest displays silvery green, fuzzy foliage and small, bluish white flowers on well-branched, trailing plants. Silver Crest is less vigorous and dense than Silver Shield, with smaller leaves, better branching, a more trailing habit and smaller internodes.

Silver Shield 🌞 🌱 🌿**Height:** 24 to 30 in./60 to 75 cm**Spread:** 24 to 30 in./60 to 75 cm**A Fantastic Foliage™ selection – see page 42.****Supplied as easy-to-sow pelleted seed.**

Large, soft silvery-gray, textured leaves combine well with lavenders, purples and blues in mixed plantings. Robust, vigorous and stress-tolerant accent plants have a bushy, upright habit, making them excellent in landscapes and combination containers. Economical, easy-to-produce seed-grown plants offer better branching than vegetative varieties, with no pinching needed. Long spikes with small, very light blue flowers appear in late Summer. Best in 4-in./10-cm and gallon programs.

🌿 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.

PLECTRANTHUS OERTENDAHLI 🌱**Emerald Lace****Height:** 6 to 8 in./15 to 20 cm**Spread:** 8 to 10 in./20 to 25 cm**A Fantastic Foliage™ selection – see page 42.****Supplied as raw seed.**

This “tough-as-nails” plectranthus makes an amazing indoor gift plant and also performs well outdoors as an accent plant in mixed shade containers. The compact plants are grown primarily for the textured, variegated leaves; delicate bluish-white flowers appear in the Spring and Autumn. Incredibly drought tolerant with a long shelf life indoors or out. Well-suited to 306 premium packs, 4 to 6-in./10 to 15-cm pots and gallon programs.

PLUMBAGO 🌞*Plumbago auriculata***Escapade Series** 🌿**Height:** 12 to 18 in./30 to 45 cm; up to 6 ft./1.8 m in the South**Spread:** 18 to 24 in./45 to 60 cm**Supplied as raw seed.**

Easy-to-grow, seed-propagated Escapade produces a bushy shrub with an arching habit, growing upward and then out. The beautiful, flower-filled plants are best-suited to warm climates, and thrive in high heat and both high and low moisture. Escapade is heat tolerant, and drought tolerant once established. In frost-free areas, plants create informal hedges up to 6 ft./1.8 m tall with a slightly greater spread. Growers in these areas will see best results offering Escapade in large containers. In cooler locations, plants are best grown in the greenhouse and set out as patio container plants in late Spring.

• **Blue**

• **White** Bright white; the best white variety available of any type.



Escapade White and Blue Plumbago

NEW Happy Hour

POPPY, ICELAND

Champagne Bubbles F1 Series

See Kieft-Pro-Seeds, page 242.

PORPHYROCOMA

See Brazilian Fireworks, page 16.

F1 PORTULACA

Portulaca grandiflora

New Happy Hour Series

Height: 8 to 10 in./20 to 25 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as multi-seed pellets and raw seed.

Now there's a big reason to celebrate for growers in the southern U.S. or similar latitudes/climates – the all-new, 8-colour Happy Hour series lets you sow your portulaca up to 2 weeks earlier for early-season sales! Bred for reduced daylength sensitivity, Happy Hour flowers under shorter days than others on the market. Flowering uniformly across the series, the well-branched, mounded plants are easier to pack and ship with less breakage than prostrate types. At retail, the plants are extra appealing, with fuller habit and large, semi-double blooms in vivid colours. Great for hot, dry, full-sun conditions, drought-tolerant Happy Hour is sure to please consumers with its excellent garden performance. Portulaca prefers well-drained media and garden soils.

- **Banana** Banana yellow.
- **Coconut** White.
- **Deep Red** Outstanding deep red colour.
- **Fuchsia**
- **Lemon**
- **Orange**
- **Peppermint** Rosy pink colour with fuchsia specks; produces some solid fuchsia flowers.
- **Rosita** Deep pink.
- **Mixture** Includes Banana, Coconut, Deep Red, Fuchsia, Lemon, Orange and Rosita, plus a scarlet not available separately.

Celebrate our latest breeding breakthrough! Happy Hour lets you sow your portulaca up to 2 weeks earlier for early-season sales.

Pictured: Mixture



New Banana



New Coconut



New Deep Red



New Fuchsia



New Lemon



New Orange



New Peppermint



New Rosita



Margarita Mixture



Tequila Mixture



Tequila Cherry



Tequila Chiffon



Tequila Cream



Tequila Fuchsia



Tequila Mango



Tequila Orange



Tequila Peach



Tequila Peppermint



Tequila Pink



Tequila Primrose



Tequila White



Tequila Yellow

F1 PORTULACA continued

Margarita Mixture

Height: 8 to 10 in./20 to 25 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

The well-branched, mounded plants ship well and provide full flats at point-of-sale. Margarita Mixture blooms uniformly across a wide range of colours, producing many large, semi-double flowers. Drought-tolerant variety is an excellent landscape performer, even in hot, dry conditions. Portulaca prefers well-drained media and garden soils.

Tequila™ Series

Height: 6 to 9 in./15 to 23 cm
Spread: 14 to 18 in./35 to 45 cm
Supplied as raw seed and easy-to-sow multi-seed pellets.

Low-growing, spreading, drought-tolerant plants offer excellent garden performance with terrific vigour and quick takeoff in the landscape. Sown under short days, Tequila exhibits slightly less daylength sensitivity than the competition and will flower about 1 week earlier. Uniform response to daylength across all colours in the series. Portulaca prefers well-drained media and garden soils.

- **Cherry** 'PAS329733'
- **Chiffon** 'PAS329735'
- **Cream** 'PAS329737'
- **Fuchsia** 'PAS329739'
- **Mango** 'PAS329751'
- **Orange** 'PAS329753'
- **Peach** 'PAS329755'
- **Peppermint** 'PAS329758'
- **Pink** 'PAS329760'
- **Primrose** 'PAS329762'
- **White** 'PAS329764'
- **Yellow** 'PAS329766'
- **Mixture** Includes the boldest colours of the series.



Primlet Rose With Edge



Primlet Golden Shades



Primlet Lavender Shades



Primlet Lemon Shades



Primlet Pink Shades



Primlet Purple



Primlet Scarlet Red Shades



Primlet Rose



Primlet Sunrise



Primlet White



Primlet Yellow



Heritage Creme

PRIMULA  
Primula acaulis

Heritage Creme F1

Height: 5 to 6 in./13 to 15 cm
Spread: 5 to 6 in./13 to 15 cm
Supplied as raw seed.

Unique breeding delivers a natural “English Primrose” look in a professional-quality product. Long-flowering, mid-size blooms and deep green foliage are produced on the compact, mounded plants. Programmable crop can be grown pot-tight in 3.5-in./9-cm programs.

Primlet™ Series

Height: 5 to 6 in./13 to 15 cm
Spread: 5 to 7 in./13 to 18 cm
Supplied as raw seed.

An exciting novelty addition to gift plant programs, Primlet features attractive clusters of scented blooms that look like bouquets of mini-roses. Available in a wide range of unique, bright colours that work well in solo planters and small mixed combinations for late Winter and early Spring programs. Extended shelf life and long-lasting as an indoor house plant – up to 3 weeks. Mid-season *P. acaulis* series requires no special culture on the bench.

- **Golden Shades** Strongly scented. ‘PAS391857’
- **Lavender Shades** Novel primula colour – shades of lilac, lavender and blush with slight veining. ‘PAS391856’
- **Lemon Shades** Light yellow with cream shades. Strongly scented. ‘PAS391859’
- **Pink Shades** Mid to soft pink. ‘PAS391858’
- **Purple** Bright magenta-violet with yellow eye; most vigorous in the series. ‘PAS391880’
- **Scarlet Red Shades** Flowers start red then mature to scarlet-red with fine white margin. ‘PAS500536’
- **Rose** Dark to mid-rose. ‘PAS391882’
- **Rose With Edge** Novel primula colour – large rose flowers have a thin white margin. ‘PAS391883’
- **Sunrise** Unique, warm yellow and soft orange bicolor flowers have a slight picotee and vein pattern. ‘PAS391855’
- **White** Light cream colour. ‘PAS391884’
- **Yellow** ‘PAS391885’
- **Formula Mixture** Includes all colours.



Toucan Scarlet Shades Purslane



Toucan Fuchsia Purslane



Toucan Yellow Purslane



Toucan Hot Mixture Purslane



Southern Star Blue Ruellia



Southern Star White Ruellia



Southern Star Pink Ruellia

PURSLANE ☀️
Portulaca oleracea

Toucan Series

Height: 3 to 4 in./7 to 10 cm
Spread: 14 to 16 in./35 to 40 cm
New! Toucan is now supplied as raw seed for increased uniformity.

Toucan gives growers the first economical, programmable and reliable seed-grown purslanes for mass-market baskets and containers. This healthy, easy-care series requires little or no PGRs and there is no need for pinching. When Toucan gets to retail, the succulent plants deliver great holding but won't stay there long as shoppers note the vibrant flower colours and easy-care nature. The colourful buds develop into 2-in./5-cm blooms. Heat-loving and drought-tolerant Toucan performs well in mixed containers, baskets and garden beds. Purslane prefers well-drained media and garden soils. Well-suited to premium packs, 4 to 6-in./10 to 15-cm pots, gallons and basket programs. NOTE: It is recommended to sow 4 raw seeds per cell for uniform emergence and full trays, which will reduce the labour needed to patch plug trays.

- Fuchsia
- Scarlet Shades
- Yellow
- **Hot Mixture** Formula mix of all three colours delivers a bright, consistent show.

RUELLIA ☀️
Ruellia brittoniana (Ruellia tweediana)

Southern Star Series

Height: 10 to 12 in./25 to 30 cm
Spread: 16 to 18 in./40 to 45 cm
USDA Hardiness Zones: Hardy to Zone 8 (10°F/-12°C minimum temperature)
Supplied as raw seed.

Seed-grown Southern Star ruellia makes this popular heat-loving nursery item more readily available and affordable to produce. The first dwarf ruellia from seed, the series is easy to program and produces clean green foliage without any spots. Very adaptable, and low-maintenance Southern Star tolerates both wet and dry conditions. A great product to expand Southern perennial programs; can be used as an in-ground or container annual in other regions, but is not recommended for the far North. Good for 4 to 6-in./10 to 15-cm, quart and gallon programs.

- Blue
- Pink
- White



Mixture

SALVIA ☀️
Salvia splendens

Vista Series

Height: 10 to 12 in./25 to 30 cm

Spread: 8 in./20 cm

Supplied as raw seed.

Compact Vista offers the most vibrant salvias on the market. The dense, well-packed flower spikes and dark green foliage keep growing and hold their colour intensity throughout the season, without fading in the brightest sun. Well-matched in heat tolerance, habit and earliness, with a 5 to 7-day flowering window across the series, the well-branched plants put on a tremendous show of continuous colour in the garden. Excellent in the greenhouse, Vista can finish 2 to 5 days after other commercial series depending on light conditions, but has better outdoor performance. Try the unique colours alone for a distinctive garden. Suitable for packs, 4-in./10-cm pots and mixed containers.

- **Burgundy**
- **Lavender**
- **Purple**
- **Red** Dark red.
- **Red And White**
- **Rose** Strong true rose with less salmon colouration than others on the market.
- **Salmon** Deep salmon and coral-pink bicoulor.
- **White**
- **Mixture**



Burgundy



Lavender



Purple



Salmon



Red



Red and White



Rose



White



Red Hot Sally II Salvia

SALVIA continued

Flare

Height: 14 in./38 cm
Spread: 8 in./20 cm
Supplied as raw seed.

Flare sets the standard for taller salvia in gardens and landscapes, producing a profusion of bright red spikes that contrast well with dark green foliage. Best produced in 4-in./10-cm and larger pots.

Lighthouse Red

Height: 24 in./60 cm
Spread: 10 in./25 cm
Supplied as raw seed.

Tall, bushy plants display long-lasting color like a “red beacon” in the garden. Ideal for low-maintenance landscaping use; can also be used in large patio containers.

Red Hot Sally II

Height: 10 to 12 in./25 to 30 cm
Spread: 8 in./20 cm
Supplied as raw seed.
Available in North America only.

Boasting a dark red flower colour and contrasting dark green foliage, Red Hot Sally II puts on a great show in packs and 4-in./10-cm pots, then stands out all season in landscapes, gardens, planters and mixed containers. Flower spikes are short and full for a dramatic show of colour. Add in high seed quality, superior uniformity and excellent heat tolerance, and Red Hot Sally II is a sure winner.

Scarlet King

Height: 11 in./28 cm
Spread: 8 in./20 cm
Supplied as raw seed.

Excellent bright colour at finish.

Scarlet Queen

Height: 9 in./23 cm
Spread: 8 in./20 cm
Supplied as raw seed.

Good earliness, flowering 5 days earlier than Scarlet King. Recommended for packs.

SCHIZANTHUS 
Schizanthus x wisetonensis

Royal Pierrot Mixture

Height: 10 to 12 in./25 to 30 cm
Spread: 8 to 10 in./20 to 25 cm
Supplied as raw seed.

Delivers uniformly quick flowering time, genetic compactness and uniformity across the series. Ideal companion to other cool weather items such as calceolaria and cineraria. Fast production – 14 weeks from sow to finish in 4.5 to 6-in./11 to 15-cm programs.

SCUTELLARIA 
Scutellaria javanica

Veranda

Height: 10 in./25 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Here’s a shade-loving blue that is ideal for large Summer baskets and containers! Heat-tolerant plants feature bicolor blue-purple blooms over glossy, dark green foliage – a great colour to use alone or combine with other shade annuals. Similar to ornamental pepper culture and crop timing, Veranda is best grown warm and bright in production, but prefers shady locations in the garden. Works well in 4.5-in./11-cm to gallon programs.



Flare Salvia



Lighthouse Red Salvia



Scarlet Queen Salvia



Royal Pierrot Mixture Schizanthus



Veranda Scutellaria

SimplySalad™

**SIMPLYSALAD MULTI-SPECIES
MULTI-PELLETS** 🌞🌱

SimplySalad Series

Height: 12 in./30 cm

Spread: 12 in./30 cm

Supplied as multi-species multi-pellet, with 3 or more seedlings per pellet.

Here's the simplest way for consumers to grow and enjoy mixed salads, and for growers and retailers to capitalize on the big demand for vegetables! Each SimplySalad pellet contains a tasty, good-looking mix of greens that can be grown in 4 to 6-in./10 to 15-cm pots and colour bowls, then enjoyed as both a colourful, mixed-texture ornamental and a delicious, nutritious edible. Gardeners can harvest every 3 weeks by cutting back to 2 in./5 cm and regrow several times for more fresh salads. On the bench, SimplySalad is easy to produce with a very quick crop time, perfect for early Spring and Autumn programs. Multi-pellets are efficient to sow in plugs or direct to the final container, and since varieties can't separate in the seed hopper, the multi-pellet assures a well-balanced mix with one sowing. Produces more vivid colours when finished cool. For the consumer, SimplySalad performs best in full sun in cool weather, or partial shade as temperatures warm up.

- **Alfresco Mixture** Red and green leaf lettuces with arugula, endive and radicchio give a true Mediterranean flavor and look.
- **City Garden Mixture** Traditional mix of red and green lettuces that are easy on the palate.
- **New Global Gourmet Mixture Improved** Improved for better, more uniform plug production and a fuller look at retail. Red, green and purple leaf lettuces and Asian greens make a mix of Asian flavors great in salads or stir-fry.

The first multi-species multi-pellet for salad, one-sow SimplySalad makes a well-balanced mix.



City Garden Mixture



Alfresco Mixture



New Global Gourmet Mixture Improved

Snapdragons

Bring in varieties from our unsurpassed line-up of F₁ bedding and cut flower snaps and count on outstanding, reliable performance. Pictured: Potomac Ivory White



Snapshot Mixture Snapdragon

SNAPDRAGON ☀️
Antirrhinum majus

F1 DWARF GARDEN
SNAPDRAGON

Snapshot Series ⚡️

Height: 6 to 10 in./15 to 25 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Picture-perfect Snapshot delivers a perfect balance of earliness and good pack performance, combined with strong garden performance. Bushy, compact plants are topped by closely spaced, full flower spikes for high-impact colour shows. Uniform flowering, with a 7-day window for Spring and Autumn sales in packs and small pots.

- **Burgundy**
- **Orange**
- **Pink**
- **Plumblossom**
- **Purple**
- **Red**
- **Red Bicolour** Novelty colour – red with yellow bee and white tube. Traditional colour for Autumn programs.
- **Rose**
- **White**
- **Yellow**
- **Merlot Mixture** White, Plumblossom and Burgundy.
- **Mixture** Includes all colours plus red bicolour.



Burgundy



Orange



Pink



Plumblossom



Purple



Red



Red Bicolour



Rose



Merlot Mixture



White



Yellow

⚡️ Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Solstice White, Pink and Rose

F1 GARDEN SNAPDRAGONS

Solstice Series 🏆

Height: 16 to 20 in./40 to 50 cm
Spread: 10 to 14 in./25 to 35 cm
Supplied as raw seed.

Delivering excellent seed quality, the Solstice series flowers earlier under short days than other intermediate varieties, making it ideal for Winter bedding where climate permits. "Knee-high" height makes them great for landscapes and garden cut flowers. Performs best with high light and cool nights (lower than 55°F/13°C), producing optimum stem strength. Good for Jumbo packs, 4 to 5-in./10 to 13-cm pots and gallon containers (8-in./20-cm standard pots). Recommended sowing in the Northern Hemisphere is September through January for finishing plants as late as the end of March. In the Southern Hemisphere, sow March through July.



Solstice Burgundy



Solstice Lavender



Solstice Orange Tricolour



Solstice Pink



Solstice Purple



Solstice Red

- **Burgundy**
- **Lavender**
- **Orange Tricolour** Orange flowers with a yellow bee and white tube.
- **Pink**
- **Purple**
- **Red** Deep red flowers with yellow bee.
- **Rose** Medium rose.
- **White** Flowers are marked with a yellow bee; slight pink blush is most noticeable in the buds.
- **Yellow** May have pink buds and blush pink in lower light.
- **Mixture**



Solstice Rose



Solstice White



Solstice Yellow



Solstice Mixture

F1 GARDEN/CUT FLOWER SNAPDRAGONS

Rocket Series

Height: 30 to 36 in./75 to 90 cm
Spread: 16 to 18 in. /40 to 45 cm
Supplied as raw seed.

Vigorous, heat-tolerant plants reach a uniform height and are topped by excellent-quality, closely set blooms in an array of colours. Flowers well under long days. Versatile Rocket snapdragons are useful as both a landscape series and as garden cut flowers. Suitable for commercial greenhouse or field-grown cut flower production.



Rocket Bronze



Rocket Cherry



Rocket Lemon



Rocket Pink



Rocket Red

- **Bronze** *All-America Selections Winner.*
- **Cherry** Consistent colour.
- **Golden** *All-America Selections Winner.*
- **Lemon**
- **Orchid** *All-America Selections Winner.*
- **Pink**
- **Red** Crimson; red stem. *All-America Selections Winner.*
- **Rose Shades.** *All-America Selections Winner.*
- **White** *All-America Selections Winner.*
- **Mixture**



Rocket Rose Shades



Rocket White



Rocket Mixture



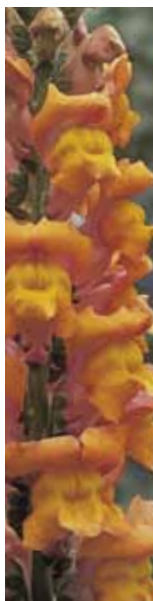
Axiom Bronze



Axiom Deep Orange



Axiom Deep Rose



Axiom Orange



Axiom Paper White



Axiom Pink



Axiom Rose



Axiom White



Axiom Yellow



Axiom Mixture



Apollo Purple



Apollo Yellow



Apollo Cinnamon



Apollo Ivory

F1 CUT FLOWER SNAPDRAGONS

Location: Greenhouse, field or tunnel production
Stem Length: 39 to 60 in./1 to 1.5 m
All cut flower snapdragons are supplied as raw seed.

PanAmerican Seed is the world's leading supplier of F1 hybrid forcing snaps, with an unsurpassed choice of top-producing varieties selected for stem and flower quality, photoperiodic response and earliness to flower. Forcing snaps are classified into four groups based on flowering response to a combination of daylength, light intensity and temperature. When the four groups are combined, they let growers produce a high-quality crop year-round.

Axiom Series (Group 3,4)

Axiom is suited to Autumn and late Spring-flowering programs. The series delivers a strong upright habit, good stem quality and densely packed florets.

- Bronze (3,4)
- Deep Orange (3,4)
- Deep Rose (3,4)
- Orange (3,4)
- Paper White (3)
- Pink (3,4)
- Rose (3,4)
- White (3,4)
- Yellow (3,4)
- Mixture (3,4)

Apollo Series (Group 2,3)

Peloric (open-faced) varieties offer excellent flower quality, with some of the largest florets of any snapdragons on the market. Flowers are perfectly arranged along medium-long spikes, on thicker stems with taller height and more blooms than comparable series. Apollo varieties are well-timed with Monaco for Autumn and Spring harvest. Suitable for greenhouse and field production, as well as home garden cut flowers.

- Cinnamon (2,3) Bronzy red; unique colour to snaps is ideal for Autumn. Well-timed with Ivory and Purple.
- Ivory (2,3) Long, open spikes. Fat stems and large buds give Ivory a hefty appearance.
- Purple (2,3) Slightly up-facing flowers.
- Yellow (2,3) Bright yellow flowers are ready for harvest 4 to 5 days earlier than Ivory in Spring and 10 to 14 days earlier in Autumn.

☑ Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Cool Rose



Cool Orange Bicolour



Cool Pink

F1 CUT FLOWER SNAPDRAGONS continued

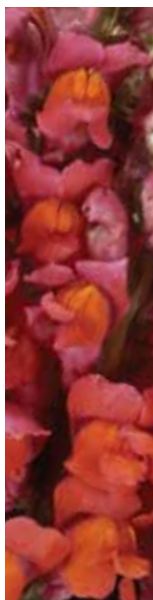
Cool Series (Group 1,2)

The best, most uniform Winter-flowering snapdragon, genetically matched Cool varieties offer uniformity across the series and within each colour for timing, height and spike quality. The strong and sturdy stems have long and tight spikes with long tapers. This grower-friendly series is best produced under cool conditions for energy savings and is also the best series for dependable harvest during the cool months. Cool is well-suited to outdoor growing or under tunnels in California Winter conditions. It is an excellent production companion to Delphiniums. Also suitable for home garden cut flowers.

- **Bronze (1,2)** Gold face with pink tube.
- **Coral (1,2)** Unique rich, bronzy-rose.
- **Crimson (1,2)**
- **Orange Bicolour (1,2)** Unique colour to cut snaps – orange with yellow bee and white tube. Matches Bronze for timing and height.
- **Pink (1,2)** Pure, clean pink.
- **Rose (1,2)** Strong vivid colour holds up in low light.
- **Salmon (1,2)** Unique, intense salmon.
- **White (1,2)** Pure white. The benchmark for Group 1, 2 snaps.
- **Yellow (1,2)** Strong, long-lasting yellow colour.



Cool Bronze



Cool Coral



Cool Crimson



Cool Salmon



Cool White



Cool Yellow

Connexion Series (Group 1,2)

This Group 1,2 series is suited to harvesting in late Autumn, Winter and early Spring, and can be forced under low light/cool growing conditions. The highly uniform plants produce strong, densely filled spikes in vivid colours on strong, good quality stems.

- **Pink (1,2)**
- **Red (1,2)**
- **Rose (1,2)**
- **White (1,2)**
- **Yellow (1,2)**



Connexion Pink



Connexion Red



Connexion Rose



Connexion White



Connexion Yellow



Appleblossom



Crimson



Flame



Golden Bronze

Maryland Series (Group 1,2)

Well-suited to cool-season, low-light and low-temperature conditions, the energy-efficient Maryland varieties group well with our other Group 1,2 varieties for Autumn, Winter and Spring programs. Well-defined flower spikes are produced on sturdy, clean stems. Suitable for greenhouse or field cut flower production, as well as home garden cut flowers.

- **Appleblossom (2)** Unique white and rose bicolor. Late Group 2, last to bloom of the series.
- **Bright Yellow (2)** Dense, shatter-tolerant spikes resist stretching. Husky stems. Dependable height and quality as Autumn Group 2. Best yellow for a smooth transition from Group 3 to Group 2.
- **Crimson (1,2)** Red flowers with a blue tone. Well-filled buds on strong, medium-long spikes.

- **Dark Orange (2)** Medium orange bronze. Clean, hard stems and medium-length spikes.
- **Flame (1,2)** Yellow with an orange nose.
- **Flamingo (1,2)** Bright salmon rose, a unique colour. Medium-length, open spikes.
- **Golden Bronze (1,2)** Deep flower colour, good flower form, uniform timing and tall, densely packed spikes.
- **Ivory White (1,2)** Dense, showy, shatter-tolerant spikes. Early as an Autumn Group 2.
- **Lavender (1,2)** Dense spikes with heavy buds, short taper.
- **New Orange (1,2)** New colour to the series – a true orange. Excellent thick and strong, uniform stems with well-formed spikes.
- **Plumblossom (2)** White flowers with a light purple nose. Long, open spike with heavily budded taper. Good height and stem caliper. Matches average timing for Bright Yellow and Royal.
- **Red (2)** More intense true red colour than Maryland Dark Red or Crimson.
- **Royal (1,2)** Deep purple. Good stem quality, stem length and a fully budded flower spike.
- **Shell Pink (2)** Crisp, clear pink with a white tube. Crop timing matches White. Excellent strong stems and long, narrow, well-formed spikes with outstanding shatter tolerance.
- **True Pink (1,2)** Heavy budding, well-defined taper and good stem caliper. Matches Ivory White for crop time.
- **White (2)** Consistent performance through late Autumn, Winter and early Spring. Combines excellent stem quality with long, packed flower spikes with a well-defined taper. Highly shatter-resistant. Great for Christmas and Valentine's Day sales in warm climates.
- **White & Yellow Bicolour (2)** Large, puffy white flowers with a yellow nose. Timing matches Bright Yellow and Plumblossom. A great choice for Easter sales.
- **Yosemite Pink (1,2)** Crisp, clear medium pink. Dense spikes with broad florets and well-proportioned taper.



New Orange



Lavender



Plumblossom



Red



Royal



Shell Pink



True Pink



White & Yellow Bicolour



White



Baltimore Rose



Red



Rose



Violet



White



Yellow

F1 CUT FLOWER SNAPDRAGONS continued

Monaco Series (Group 2,3)

Monaco is well-suited to difficult “transition” periods, such as from Group 3,4 (Summer) to Group 1,2 (Autumn/Winter) varieties. Tolerates warm Autumn conditions without flowering too quickly, and produces high-quality flower spikes when Autumn weather is unusually cool and dark. The series performs well all year in areas with moderate temperatures and little fluctuation in daylength, such as near the Equator. Suitable for greenhouse and field cut flower production, as well as home garden cut flowers.

- **Baltimore Rose (2,3)** Clear, deep rose. Long, open spikes on tall plants. Early as Group 3 and very reliable for Group 3 to Group 2 transition.
- **Red (2,3)** Smooth, velvety burgundy red. Medium-long, slightly open spikes. Heavily scented. Timing is similar to or slightly earlier than Rose. Essentially a Group 2, with extended use into Group 3 periods.
- **Rose (2,3)** Richly coloured, deep rose variety is useful over extended bloom dates. An excellent Group 2; also blooms well as an early Group 3, greatly extending its usefulness. The stems are tall and fat, and the spikes are long and well-formed. Each floret is large and broad, for full spikes. Very shatter-tolerant. Times close to Early Potomac Pink as a Group 3.
- **Violet (2,3)** Light, bright purple with medium-length spikes on heavy, clean stems. Colour is different from the deeper purple “Royal” colour in snaps. Timing is similar to Rose.
- **White (2,3)** Good uniformity, with a fat stem and good spike quality. Excellent, clean white flower resists browning for a longer shelf life. A good match to Rose and Violet.
- **Yellow (2,3)** Perfect choice for transitioning between Potomac Yellow and Maryland Bright Yellow in the Spring and Autumn. Slightly earlier than Monaco Rose or Violet, and later than Monaco Red.

Series Selection for Creating a High-Quality Year-Round Snapdragon Program

Group	Growing-On Night Temperatures	Series
1,2	45 to 55°F/7 to 13°C for late Autumn, Winter and early Spring harvest	Connexion, Cool, Maryland, Purple Twist, Trumpet Tangerine, Winter
2,3	52 to 57°F/11 to 14°C for Autumn and Spring harvest	Apollo, Monaco, Paxia
3,4	60°F/15°C for late Spring, Summer and early Autumn harvest	Axiom, Potomac, Early Potomac



Paxia Bronze



Paxia Candy Rose



Paxia Orange



Paxia Scarlet



Paxia White



Paxia Yellow

Paxia Series (Group 2,3)

Paxia is suited to Autumn and Spring harvest. This series has excellent uniformity with high-quality stems.

- Bronze (2,3)
- Candy Rose (2,3)
- Orange (2,3)
- Rose (2,3)
- Scarlet (2,3)
- White (2,3)
- Yellow (2,3)

Early Potomac Series (Group 3)

These varieties are ideal for Spring and Autumn programs, producing very high-quality, long stems with excellent taper. They can be grown under medium to long days and moderate to high light levels. Early Potomac produces very high-quality, long stems with excellent taper. Suitable for greenhouse and field cut flower production, as well as home garden cut flowers.



Early Potomac Early Orange



Early Potomac Early Pink

- **Early Orange (3)** Light golden bronze. Long, open spikes. Best bronze for Group 3 to Group 2 transition in the Autumn.
- **Early Pink (3)** Medium pink. Majestic, large florets; very long, perfectly proportioned spike. Tall. Consistent performance for Group 3, and Group 2 to Group 3 transition. Timing similar to Early White and Monaco Rose.
- **Early Rose (3)** Deeper flower colour than Early Pink. Strong, medium-long spikes produce very large, plump buds.
- **Early White (3)** Pure white. Very long, dense spike with a long taper. Exceptionally clean, straight stems, with good uniformity and spike fill.



Early Potomac Early Rose



Early Potomac Early White



Potomac Appleblossom



Potomac Cherry Rose



Potomac Crimson



Potomac Dark Orange



Potomac Ivory White



Potomac Orange



Potomac Pink



Potomac Plumblossom

F1 CUT FLOWER SNAPDRAGONS continued

Potomac Series (Group 3,4)

Potomac is ideal for production during periods of high light, long days and warm temperatures. Plants produce tall, strong stems and long spikes with good flower quality, and can be grown year-round with supplemental high-intensity lighting. Suitable for greenhouse and field cut flower production, as well as home garden cut flowers.

- **Appleblossom (3,4)** Rose and white bicolor is a unique, appealing colour with tall stems. Times with Ivory White and Pink.
- **Cherry Rose (3,4)** Unique colour is a darker, more intense cherry than Potomac Rose. Very plump buds on medium-long spikes. Extra-sturdy stems.
- **Crimson (3,4)**

- **Dark Orange (3,4)** Deep orange-bronze, darker than Orange. Medium-length spikes with a long taper. Excellent stems.
- **Ivory White (3,4)** Ivory with a light yellow splash on the nose of the flower. Tightly spaced, large, budded spike. Husky stems. Best white for high light, warm nights.
- **Orange (3,4)** Coral orange. Medium-length spikes and large, broad florets. Dependably sturdy, clean stems.
- **Pink (3,4)** Very dependable tall variety with clean, sturdy stems and well-formed spikes.
- **Plumblossom (3,4)** White with purple nose. Wide spikes with large, outward-facing flowers and heavily budded taper. Hefty stems. Group 3 timing. Can be harvested later into Autumn than Appleblossom.
- **Red (3,4)** Velvet red colour. Medium-long spikes.
- **Rose (3,4)** Rich, deep rose colour. Well-proportioned, shatter-resistant spikes. Exceptionally clean stems.
- **Royal (3,4)** Purple. Medium-length, well-budded spikes. Tall, sturdy stems. Timing similar to Pink. Can be late in Autumn – best sown before July 4 in cooler climates.
- **Soft Yellow (3)** Light pastel yellow. Medium-length, open spikes. Hard stems.
- **White (3,4)** Medium-long, well-budded spikes.
- **Yellow (3,4)** Bright yellow. Long, shatter-resistant spikes and impressive stems. Tall. Timing matches Pink and Appleblossom.



Potomac Red



Potomac Royal

New Purple Twist (Group 2)

This unique novelty standalone variety adds a fun twist to your cut flower snapdragon program. Purple Twist can be produced under short days/moderate light conditions with night temperatures of 50 to 55°F/10 to 13°C during production. It can be scheduled and grown along with the Maryland series. The flowers are slightly fragrant and have a unique purple and white striped colour pattern. The stripe pattern varies depending on the growing environment – when grown in warmer greenhouse conditions, the white stripes are more dense/prominent, and when grown under cool outside/tunnel conditions, the purple is more dense/prominent.



Potomac White



Potomac Yellow



New Purple Twist



Trumpet Tangerine

Trumpet Tangerine (Group 1,2)

The unique shape and terrific colour make Trumpet Tangerine a standout – plants produce some the largest florets of any snapdragon, with an open-faced “trumpet” form that is different than traditional types. The slightly fragrant, frosty bronze bicolor blooms are perfectly arranged along medium-long spikes. Stems are thicker and taller with more blooms than comparable snaps, making this a top-quality florist product. Good flower retention assures excellent ship ability. Trumpet Tangerine is well timed with the Maryland series.



Peek-A-Boo Spilanthes

SPILANTHES

Acmella oleracea

Peek-A-Boo

Height: 12 to 15 in./30 to 38 cm

Spread: 24 to 30 in./60 to 75 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as easy-to-handle coated seed.

Here's a real "eye-catcher" for mixed containers and garden beds – these very unique accent plants show off intriguing, olive-shaped, 1-in./2.5-cm, golden yellow flowers with deep burgundy-red eyes on the long, pendulous stems. Foliage takes on a bronze-green tone in full sun. Well-suited to 306 premium pack and 4 to 6-in./10 to 15-cm programs.

STATICE Fortress Series Sunset

See Limonium in Kieft-Pro-Seeds, page 237.

STIPA

Pony Tails

Part of the ColorGrass™ collection – see page 30.

STOCK

See Matthiola, page 88.

STRAWBERRY

Fragaria x ananassa

Fresca

Height: 3 to 4 in./7 to 10 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as raw seed.

Performs well in 10-in./25-cm baskets.

STRAWFLOWER

See Helichrysum, page 55.

SUNFLOWER

See Helianthus, page 54.

SUTERA

See Bacopa, page 12.



Fresca Strawberry

SWEET WILLIAM

See Dianthus, page 34.

TAGETES

See Marigold, page 78.

TALINUM

Talinum paniculatum

Limón

Height: 28 to 32 in./70 to 80 cm

Spread: 16 to 18 in./40 to 45 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.

Admired for its mounded, bright lime-green foliage, Limón gives an added bonus – airy inflorescences covered in tiny rose-pink flowers. This "tough" accent plant handles stress well, including heat and drought. When exposed to stressful light, feed and water conditions, the foliage shows off an even more vibrant chartreuse colour. Delivering good vigour, Limón is an ideal candidate for containers, hanging baskets and in-ground plantings, and works well as a fresh or dried cut flower from the garden. Quick and easy to grow, Limón can be produced right alongside the other Fantastic Foliage varieties. Well-suited to 306 premium pack and 4-in./10-cm programs.

Verde

Height: 32 in./80 cm

Spread: 24 in./60 cm

A Fantastic Foliage™ selection – see page 42.

Supplied as raw seed.


The eye-catching, dark green-leaved companion to popular Limón is topped by small flowers that open hot pink and then form orange berries that ripen to dark red. The flexible flower spikes make it easy to grow and ship Verde. This durable accent plant handles heat and stress well, including both low water and soggy conditions. With its eye-catching height, colour and texture, Verde is an excellent ingredient for mixed container recipes; it also makes a long-lasting landscape option.



Limón Talinum



Verde Talinum

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Mayan Gold Tecoma



Susie Clear Orange Thunbergia



Susie Orange With Eye Thunbergia



Susie White With Eye Thunbergia



Susie Yellow With Eye Thunbergia



Susie Mixture Thunbergia

TANACETUM

See *Matricaria*, page 87.

TECOMA ☀️

Tecoma stans

Mayan Gold 🌱

Height: 24 to 36 in./60 to 90 cm; can grow into a small shrub in warm climates where it overwinters (up to 8 ft./2.4 m at maturity)

Spread: 21 to 23 in./52 to 58 cm
USDA Hardiness Zones: Hardy to 8 (10°F/-12°C minimum temperature)

Supplied as easy-to-sow coated seed.

The only tecoma from seed, this traditional nursery item is now affordably available in a dwarf plant that doesn't get as tall and leggy as vegetative types. The compact, well-branched accent plant is well-suited for 4 to 6-in./10 to 15-cm to gallon programs. Uniform, earlier flowering makes Mayan Gold very programmable. Heat-loving plants produce large gold flowers and glossy green leaves that add an upscale, exotic look to beds and mixed containers. Can be used as a long-blooming tropical shrub in the South, and makes a great Summer annual in the North.

THUNBERGIA ☀️

Thunbergia alata

Susie Series

Vine length: 6 to 8 ft./1.8 to 2 m
Supplied as cleaned seed.

Distinctive flowering vine broadens the colour range of thunbergia, offering three clear and three black-eyed choices plus a formula mix. Susie can "pop" into flower in as little as 6 weeks, and is excellent in hanging baskets or window boxes. Good for colour packet and mail order markets.

- Clear Orange
- Clear White
- Clear Yellow
- Orange With Eye
- White With Eye
- Yellow With Eye
- Mixture

🌱 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



New Kauai Burgundy

TOMATO

See Vegetables & Herbs, page 166.

TORENIA 
Torenia fournieri

New Kauai Series

Height: 8 in./20 cm

Spread: 8 in./20 cm

Supplied as easy-to-sow pelleted seed.

You'll appreciate Kauai for its long list of advantages – this all-new compact series is more manageable on the bench; offers the fullest complement of the most vivid colours; and is easier to schedule with a tighter, 7 to 9-day flowering window. More compact and better-branched than the old Clown varieties, Kauai grows about 2 in./5 cm shorter on average, so crop management is easier and more cost effective.

Kauai offers unsurpassed, colour-saturated varieties for added sales appeal, including unique Magenta and Lemon Drop. Gardeners value torenia for its superior performance in extreme heat and humidity, and exotic appearance in small garden settings, mixed combos and colour bowls; also suited to indoor containers.

- **Burgundy** Rich burgundy rim with white tube.
- **Deep Blue** Deepest blue variety on the market.
- **Lemon Drop** Novelty variety – unique bright white flowers have prominent yellow spots.
- **Magenta** Rich magenta rim with white tube.
- **Rose** Vivid rose with white tube.
- **White** Bright, clear white.
- **Mixture** Very bright, attractive mix includes all colours.

Clown™ Series

Height: 8 to 10 in./20 to 25 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as easy-to-sow pelleted seed.

Clown torenia delivers early and well-branched plants that show off large flowers. Torenia is one of the few landscape annuals that can survive extreme Summer heat and humidity. Works well in colour bowls and mixed plantings, as well as borders and beds.

- **Blue** Lower petals are darker blue than upper petals. 'PAS394036'
- **Blue & White** White with a deep blue rim. 'PAS88284'



New Kauai Burgundy



New Kauai Deep Blue



New Kauai Lemon Drop



New Kauai Magenta



New Kauai Rose



New Kauai White



New Kauai Mixture



Clown Blue



Clown Blue & White



Devotion Series



Devotion Blue



Devotion Burgundy



Devotion Purple



Devotion White

TRACHELIUM 
Trachelium caeruleum

POT & BEDDING TRACHELIUM

Devotion Series

Height: 12 to 24 in./30 to 60 cm
Spread: 12 to 18 in./30 to 45 cm
Supplied as easy-to-sow pelleted seed.

Easy-to-grow varieties are well-matched for uniform height and flowering time. Well-branched and naturally dwarf, requiring less to no growth regulators, Devotion can be finished in 4.5-in./11-cm pots to gallon containers. Mid-height varieties are perfect for gardens, landscapes and patio planters. Large central umbels are surrounded by smaller side umbels, with lightly scented blooms that attract butterflies and hummingbirds. With growth regulators, the series will flower at 12 in./30 cm; grown without PGRs, plants flower between 12 and 24 in./30 and 60 cm.

- **Blue**
- **Burgundy** Unique, rich wine colour. *Fleuroselect Quality Award Winner.*
- **Purple**
- **White**

CUT FLOWER TRACHELIUM

Lake Collection

Stem length: 30 to 42 in./75 to 105 cm
Supplied as easy-to-sow pelleted seed.

Offers three distinct series for simplified ordering and production to fill year-round Trachelium orders. Trachelium is used as a filler in bouquets or elegantly displayed as “mono” bouquets. Flowers are mildly scented, light and lacy, and are found in a profusion of colours. Long-day flowering Lake varieties need 16 to 18 hours of daylength to flower and to produce the large central umbel with smaller side umbels or “satellites.” The Lake varieties have excellent vase life and good shipability. Foliage is medium green unless noted. Suitable for greenhouse, field or garden cut flower production.

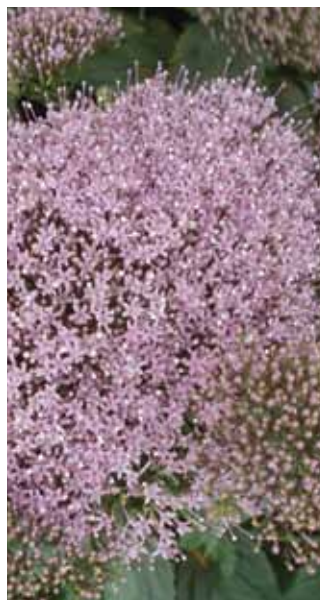
Lake Forest Series (Winter-Flowering)

Bred to flower more easily under conditions of shortening daylength. Long days (16 to 18 hours) are still needed to flower, but due to breeding, flowers are initiated more easily, uniformly and quickly. Transplant in Autumn to early Winter for flowering in mid-Winter to early Spring.

- **Blue**
- **Pink**
- **Purple** Dark green foliage. Fastest to flower in the series.
- **White** Pure white.



Lake Forest Blue



Lake Forest Pink



Lake Forest Purple



Lake Forest White



Lake Michigan Purple



Lake Louise Blue

**Lake Louise Series
(Summer-Flowering)**

Latest to flower, this Group 4 series has the greatest tolerance for high heat and high light of the Lake Collection. Transplant in late Spring through Summer for Summer through early Autumn flowering.

- **Blue**
- **Purple** Dark purple; dark foliage.
- **White** Pure white.



Lake Louise Purple

**Lake Michigan Series
(Spring & Autumn-Flowering)**

The greatest potential for year-round production in mild climates. Mid-season flowering (transitional Group 3), for mid-Winter to early Spring transplants to yield late Spring to early Summer flowers. May also be transplanted late Summer to early Autumn for Autumn to early Winter flowering.

- **Blue**
- **Purple** Dark purple; dark green foliage and stems.
- **Violet** Unique flower colour; dark reddish foliage and stems.
- **White** Pure white.
- **Wine Red** The best red cut flower trachelium; dark burgundy-red flowers with dark reddish foliage and stems.



Lake Louise White

Helios

Stem length: 32 to 36 in./80 to 90 cm
Supplied as easy-to-sow pelleted seed.



Lake Michigan Blue

Cut flower variety produces single, 4 to 6-in./10 to 15-cm white umbels. Excellent vase life.

Pandora

Stem length: 32 to 36 in./80 to 90 cm
Supplied as easy-to-sow pelleted seed.

Small, deep purple flowers are set closely together to create a large umbel up to 6 in./15 cm in diameter. Cut flower variety delivers excellent vase life.



Lake Michigan White



Lake Michigan Violet



Helios



Lake Michigan Wine Red



Pandora

TROPAEOLUM

See Kieft-Pro-Seeds, page 249.

Vegetables & Herbs



Get in on the growing vegetable and herb trend
with our high-performance selections.
Pictured: 'Cajun Belle' Pepper



'Purple Ruffles' Basil

BASIL 🌞*Ocimum basilicum***'Purple Ruffles'****Height:** 18 to 24 in./45 to 60 cm**Spread:** 18 to 24 in./45 to 60 cm**Supplied as raw seed.**

Ornamental variety produces fragrant, ruffled, deep purple leaves; approximately 5% of the plants have purple/green leaves. *All-America Selections Winner.*

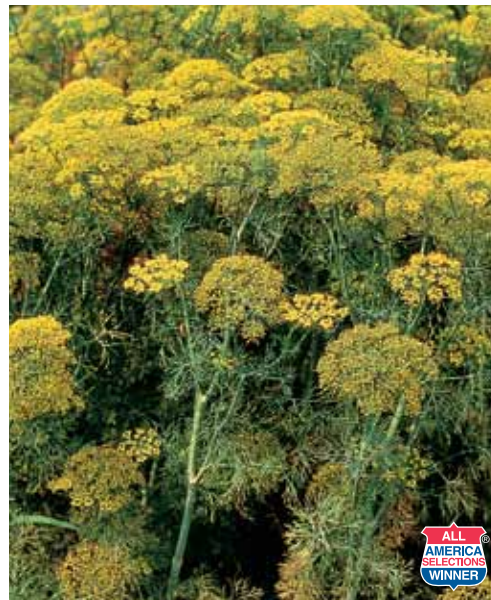
'Sweet Dani' Lemon Basil**Height:** 22 to 24 in./55 to 60 cm**Spread:** 18 to 24 in./45 to 60 cm**Supplied as raw seed.**

Great for culinary use, producing up to 75% more total essential oils than standard lemon basil varieties. Vigorous plants deliver a long harvest. *All-America Selections Winner.*

U.S. Plant Variety Protection Number 9500027



'Sweet Dani' Lemon Basil



'Fernleaf' Dill

DILL 🌞*Anethum graveolens***'Fernleaf'****Height:** 12 to 15 in./30 to 38 cm**Spread:** 10 to 12 in./25 to 30 cm**Supplied as raw seed.**

Dwarf, compact plant does not need staking in the garden and will not topple over, making it perfect for patio containers. Can also be used for traditional dill culinary purposes. Will flower later, allowing for a long harvest season and an extended ornamental period. *All-America Selections Winner.*

PEPPER 🌞*Capsicum annuum***SWEET BELL PEPPER****New 'Cute Stuff Red'****Height:** 21 in./53 cm**Spread:** 20 in./50 cm**Supplied as raw seed.**

This green-to-red, apple-shaped mini-bell variety has an excellent sweet taste and is perfect for fresh eating or stuffing. Gardeners will love the high yields – 'Cute Stuff Red' produces up to three times more than other peppers. The 3 x 2.5-in./8 x 6-cm peppers are ready to harvest just 62 days from transplant.

**New 'Cute Stuff Red'** Sweet Bell Pepper



New 'Sweet Heat' Sweet-to-Spicy Pepper



'Cajun Belle' Hot Pepper

VEGETABLES continued

SWEET-TO-SPICY PEPPER

New 'Sweet Heat'

Height: 10 in./25 cm
Spread: 14 in./36 cm
Supplied as raw seed.

The earliest to bear fruit, compact and bushy 'Sweet Heat' is a great choice for growers that want to ship larger containers with developing fruit on the plant – ripe peppers are ready to harvest just 56 days from transplant. The 3 to 4 in./8 to 10 cm-long by 1 to 1.5 in./2.5 to 4 cm-wide peppers are sweet and mildly spicy like pepperoncini, with a great smoky flavour. 'Sweet Heat' can be harvested green or red, and is perfect for grilling or salsa.

HOT PEPPER

'Cajun Belle'

Height: 24 in./60 cm
Spread: 24 in./60 cm
Supplied as raw seed.

Award-winning variety produces bell peppers that are 3 in./7 cm long by 2 in./5 cm wide. The mildly spicy taste is just right for fresh eating and salsa, and the peppers can be enjoyed green or red. Ready to harvest just 60 days from transplant. Also pictured on page 164. *All-America Selections Winner.*

SIMPLY SALAD

See page 149.

STRAWBERRY

See page 159.

TOMATO, F1 CONTAINER TYPE 🌞
Lycopersicon esculentum

'Micro-Tom'

Height: 12 to 16 in./30 to 40 cm
Supplied as raw seed.

Novelty variety produces an extremely dwarf plant with very compact vines covered with sweet-tasting fruit. Well-suited to 3 to 4-in./7 to 10-cm pot production.

'Tumbler'

Height: 3 to 6 ft./0.9 to 1.8 m
Supplied as raw seed.

A superior variety for hanging baskets and containers, Tumbler has a graceful, cascading habit. Prolific plants produce up to 6 lbs./2.7 kg of cherry-type tomatoes, 1.25 in./3 cm in diameter. Extra-early, 49-day variety is very sweet and tasty.



'Micro-Tom' Tomato



'Tumbler' Tomato



Quartz Verbena



Burgundy XP

VERBASCUM

Southern Charm

See Kieft-Pro-Seeds, page 250.

VERBENA ☀️
Verbena x hybrida

Quartz Series

Height:

XP varieties – 8 to 10 in./20 to 25 cm
Standard varieties – 10 to 12 in./25 to 30 cm

Spread:

XP varieties – 10 to 12 in./25 to 30 cm
Standard varieties – 12 to 14 in./30 to 35 cm

Supplied as raw and primed seed.
See page 168 for more information on XP varieties.

Quartz XP varieties all have a tight, 6 to 7-day flowering window; earlier and significantly better branching; reduced internode length; and large floret and umbel size. Flowering 7 to 10 days faster than the original Quartz colours, these strong garden performers create slightly spreading, mounded plants with huge umbels of large, beautiful florets over the dark green foliage. Offering 8 strong colours and 2 mixtures, Quartz XP makes brilliant beds; in mixed containers, plants trail over the edge of the pot. Strong seed quality, high germination and great young plant vigour are the hallmarks of this better-than-ever series. Well-suited to packs and 4-in./10-cm pots.

Quartz XP varieties:

- **Burgundy XP** Rich solid burgundy.
- **Burgundy With Eye XP** Deep burgundy with large, clean white eye.
- **Carmine Rose XP** Deep rose with touch of red, highlighted by a small white eye.
- **Purple XP** Solid velvet purple without an eye. Largest florets of the series. Slightly more vigour than other Quartz varieties. *Fleuroselect Novelty*.
- **Red With Eye XP** Bright red with large clean white eye.
- **Scarlet XP** No white eye.
- **Silver XP** Lavender-silver flowers.
- **White XP**
- **Merlot Mixture XP**
- **Mixture XP**

Quartz standard varieties:

- **Blue**
- **Waterfall Mixture**

VERONICA

Blue Bouquet

See Kieft-Pro-Seeds, page 250.



Burgundy With Eye XP



Carmine Rose XP



Purple XP



Red With Eye XP



Scarlet XP



Silver XP



Mixture XP



White XP



Merlot Mixture XP



Blue



Waterfall Mixture

XP Varieties

Count on XP varieties for programmable,
predictable growing across the core classes.

Now that growing has become more precise, XP varieties will make your production more programmable and profitable.

XP is much more than “improved”... it is enhanced uniformity for the grower to meet scheduling demands, and strong garden performance to exceed consumer expectations. These colour essentials are the heart of every successful bedding plant program. Responding to the market demand, PanAmerican Seed has created upgrades across six key series of core annual program products to make your production more programmable, more predictable and just plain EASIER!

The XP characteristics consistent across these key classes are:

- Tight bloom window
- Prolific flowering
- Exceptionally uniform habit
- Strong plant vigour



Mediterranean XP Vinca
Page 176



Pacifica XP Vinca
Page 172



Super Elfin™ XP Impatiens
Page 62



Sorbet™ XP Viola
Page 179



Panola™ XP Pansy
Page 106



Quartz XP Verbena
Page 167

Titan F1



**Titan is up to 2 weeks faster to flower than O.P. vincas, with exceptional uniformity, superior branching and the biggest flowers in all the top-selling colours.
Pictured: Dark Red**



Apricot



Blush



Burgundy



Dark Red



Icy Pink



Lavender Blue Halo



Lilac



Polka Dot



Punch



Pure White



Rose



Cotton Candy Mixture



Bubble Gum Mixture



Clear Mixture



Mixture




Red And White Mixture



Summer Breeze Mixture

VINCA 
Catharanthus roseus


F1 UPRIGHT VINCA

Titan F1 Series 

Height: 14 to 16 in./35 to 40 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

The most uniform F1 vinca series on the market, Titan is up to 2 weeks earlier in the Spring than open-pollinated varieties. Titan has robust plants, superior branching and the biggest flowers in the most popular colours – it's the only series with a true, "must-have" Dark Red. Drought and heat tolerant, Titan is more stress tolerant due to hybrid vigour and can withstand cooler and wetter conditions compared to open-pollinated types. Titan is perfect for landscapes and containers of all types. Well-suited to packs, 4-in./10-cm and 6-in./15-cm pots.

- **Apricot**
- **Blush**
- **Burgundy**
- **Dark Red** The only F1 dark red on the market – the number one-selling colour in vinca. Deep red with darker red centre.
- **Icy Pink**
- **Lavender Blue Halo** Lavender with large white eye.
- **Lilac**
- **Polka Dot**
- **Punch**
- **Pure White** Very large flowers with no pink centre ring.
- **Rose**
- **Bubble Gum Mixture** Blush, Icy Pink and Rose.
- **Clear Mixture** Punch, Dark Red, Lilac, Burgundy and Pure White.
- **Cotton Candy Mixture** Icy Pink and Lavender Blue.
- **Mixture** The only mix on the market to include all the key vinca colours.
- **Red And White Mixture** Dark Red and Pure White.
- **Summer Breeze Mixture** Lilac, Lavender Blue Halo and White.

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Titan (left) surpasses even Pacifica in bloom size!

Pacifica XP

The earliest, largest-flowered and most vigorous O.P. vinca comes with XP uniformity, making it easier to grow and more appealing at retail.

UPRIGHT VINCA

Pacifica Series 


Height: 10 to 14 in./25 to 35 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw seed. See page 168 for more information on XP varieties.

Pacifica XP varieties deliver a tight, 5 to 7-day flowering window and uniform, upright habit across all colours. It's the only vinca series on the market with colours covering all top sellers plus novelties, including the only true Red. Outstanding in hot, dry and sunny conditions and tolerant of cool, wet growing conditions, these durable, stress-tolerant plants meet the increasing consumer demand for water-wise, heat-loving crops. The very floriferous and well-branched plants show off bright flowers with an overlapping, fully rounded form that won't show gaps in hot temperatures. Well-suited to pack and 4-in./10-cm programs.

Pacifica XP varieties:

- **Apricot XP** U.S. Plant Variety Protection Number 9800181
- **Blush XP**
- **Burgundy XP**
- **Burgundy Halo XP** Very dark burgundy with white centre. *All-America Selections Winner, Fleuroselect Quality Award Winner.* U.S. Plant Variety Protection Number 200700272
- **Cherry Red Halo XP** Cherry red with white centre.
- **Coral XP**
- **Cranberry XP** Burgundy red with small white centre.
- **Dark Red XP** U.S. Plant Variety Protection Number 200600189
- **Deep Orchid XP**
- **Icy Pink XP**
- **Lilac XP**
- **Magenta Halo XP** Raspberry-orchid with white centre. U.S. Plant Variety Protection Number 200500216
- **Orange XP** Bright scarlet-orange with slight white eye.
- **Polka Dot XP**
- **Punch XP** U.S. Plant Variety Protection Number 9400248
- **Raspberry XP**
- **Really Red XP** U.S. Plant Variety Protection Number 200600190
- **Rose Halo XP** Rose with white centre. U.S. Plant Variety Protection Number 200500218
- **White XP**

See page 174 for Pacifica XP mixtures and Pacifica standard varieties.

 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.



Apricot XP



Blush XP



Burgundy XP



Burgundy Halo XP



Cherry Red Halo XP



Cranberry XP



Dark Red XP



Deep Orchid XP



Icy Pink XP



Lilac XP



Magenta Halo XP



Orange XP



Polka Dot XP



Punch XP



Raspberry XP



Really Red XP



Rose Halo XP



White XP



Bold Mixture XP



Georgia Peach Mixture XP



Halo Mixture XP



Lipstick Mixture XP



Merlot Mixture XP



Mixture XP



Mystic Mixture XP



Raspberry Shake Mixture XP



Salsa Mixture XP



Strawberry Shake Mixture XP



Pacifica Burgundy Halo XP

UPRIGHT VINCA continued

Pacifica XP mixtures:

- **Bold Mixture XP** Cranberry, Really Red, Deep Orchid and Orange.
- **Georgia Peach Mixture XP** Apricot, Coral and Punch.
- **Halo Mixture XP** White, Cherry Red Halo, Magenta Halo, Rose Halo and Burgundy Halo.
- **Lipstick Mixture XP** Punch, Dark Red, Blush and Icy Pink.
- **Merlot Mixture XP** Burgundy, Polka Dot, Deep Orchid and Burgundy Halo.
- **Mixture XP** Formula mix.
- **Mystic Mixture XP** Burgundy, White and Lilac.
- **Raspberry Shake Mixture XP** White, Raspberry and Magenta Halo.
- **Salsa Mixture XP** Really Red, White and Orange.
- **Strawberry Shake Mixture XP** White, Cherry Red Halo and Rose Halo.

Pacifica standard varieties:

- **Cherry Red**
- **Pink** U.S. Plant Variety Protection Number 9700087



Cherry Red



Pink



Cooler Peppermint

Cooler Series

Height: 12 to 14 in./30 to 35 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as raw seed.

Peak performers in less-than-perfect conditions, Cooler vincas tolerate cool, wet growing conditions, but thrive in heat and resist stress-induced leaf yellowing. Recent upgrades have made the series earlier with bigger blooms, plus a tighter flowering window. Plug/young plant vigour and seedling uniformity are outstanding. The plants offer excellent pack and garden performance. Upright, dark green-leaved plants have flowers with overlapping petals for great colour impact in the garden.

- **Blush** Clear pink with a large, deep pink eye that shades to white at the edge of the flower.
- **Coconut** Large, pure white blooms.
- **Deep Orchid**
- **Grape** U.S. Plant Variety Protection Number 9000113
- **Icy Pink**
- **Peppermint**
- **Pink**
- **Raspberry**
- **Red** True red colour.
- **Rose** Unique deep rose colour.
- **Strawberry**
- **Mixture** Blend of the most uniform varieties; best matched for earliness, plant habit and vigour.



Blush



Coconut



Deep Orchid



Grape



Icy Pink



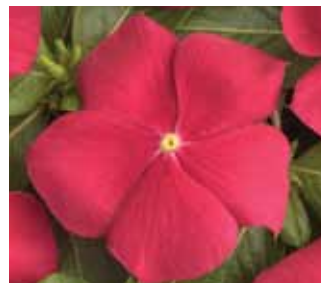
Peppermint



Pink



Raspberry



Red



Rose



Strawberry



Mixture

Mediterranean XP



Mediterranean XP makes big, beautiful plants that show a whole lot more colour and a lot less basket. Pictured: Red XP



Cherry Red Halo XP



Dark Red XP



Hot Rose XP



Peach XP



Red XP



Rose XP



Rose Halo XP



Strawberry XP



White XP



Halo Mixture XP



Mixture XP



Lipstick Mixture XP



Peach Colada Mixture XP



Apricot Broadeye

Deep Rose



Deep Orchid



Lilac



Polka Dot



White Broadeye

TRAILING VINCA

Mediterranean Series

Height: 4 to 6 in./10 to 15 cm
Spread: 20 to 30 in./50 to 75 cm
Supplied as raw seed. See page 168 for more information on XP varieties.

The only full series of trailing vinca offering a true red, Mediterranean XP varieties fill in fast with terrific coverage to make big, colour-filled baskets. XP genetics deliver a tight, 5 to 7-day flowering window, significantly better spreading habit, larger flowers and improved germination. With low water needs in sunny, hot and dry conditions, this is a great alternative to water-hungry crops.

Mediterranean XP varieties:

- **Cherry Red Halo XP** U.S. Plant Variety Protection Applied For
- **Dark Red XP** Same deep red as Pacifica Dark Red XP. Slightly more rounded habit than others in the series. U.S. Plant Variety Protection Number 200900043
- **Hot Rose XP** Bright rose with a tinge of coral. U.S. Plant Variety Protection Number 200900084
- **Peach XP** Light peach with pink centre. U.S. Plant Variety Protection Number 200900080
- **Red XP** Same true red colour as Pacifica Really Red XP. Slightly more rounded habit than others in the series. U.S. Plant Variety Protection Number 200900081
- **Rose XP** Bright rose. U.S. Plant Variety Protection Number 200900082
- **Rose Halo XP** U.S. Plant Variety Protection Applied For
- **Strawberry XP** Light pink with rose centre. U.S. Plant Variety Protection Number 200900083
- **White XP** Pure white. U.S. Plant Variety Protection Number 200900053
- **Halo Mixture XP** Cherry Red Halo, Rose Halo and White.
- **Mixture XP** Includes all Mediterranean XP varieties.
- **Lipstick Mixture XP** Strawberry, Dark Red, Rose and White.
- **Peach Colada Mixture XP** White, Peach and Hot Rose.

Mediterranean standard varieties:

- **Apricot Broadeye** Light apricot with deep rose eye.
- **Deep Orchid**
- **Deep Rose**
- **Lilac** U.S. Plant Variety Protection Number 9800182
- **Polka Dot** White with small red centre.
- **White Broadeye**

Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcoIndex program.

PanAmericanSeed.

Sorbet™ XP

Sorbet XP genetics deliver a uniform plant habit and the tightest bloom window, so you send the best-looking violas to retail.
Pictured: Lemon Parfait Mixture



White XP



Yellow XP



Orange XP



Lavender Vein XP

New Purple Ice
XP Improved

New Raspberry XP



Beaconsfield XP

Orchid Rose
Beacon XP

Violet Beacon XP



Purple XP



Blue Blotch XP



Yellow Blotch XP



Lemon Royale XP

New Coconut
Duet XP Improved

Yellow Duet XP



Purple Face XP



New Delft Blue XP

VIOLA

Viola cornuta

F1 VIOLA

Sorbet™ Series

Height: 6 to 8 in./15 to 20 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as raw and primed seed.

See page 168 for more information on XP varieties.

Sorbet XP delivers the most uniform plant habit and tightest flowering window. Breeding is focused on the plant architecture so you deliver the best-looking product at retail – Sorbet XP plants cover the soil at flowering, with more bloomings on every plant and less stretching. Fewer PGRs are needed, holdability is superior and shrink is cut way back. Sorbet's F1 vigour assures greater germination, earliness, and excellent plug and garden performance. Early-blooming Sorbet remains compact in both heat and cold, making it a standout performer in Spring and Autumn. The free-flowering plants perform across a wide range of climatic conditions and have excellent overwintering. Sorbet's broad colour offering includes a wide range of clear colours, which lets landscapers make custom mixes.

Sorbet XP varieties:

- **Beaconsfield XP** Violet with light cap. 'PAS733479'
- **Blue Blotch XP** Dark blue with blotch. 'PAS736763'
- **New Coconut Duet XP Improved** Earlier to flower under shorter days for Spring production, particularly in low light/northern latitudes. White with purple cap. 'PAS786647'
- **New Delft Blue XP** A new and exciting colour joins the series! *Fleuroselect Gold Medal Winner.* 'PAS733551'
- **Lavender Vein XP** Lilac with darker veins. 'PAS733555'
- **Lemon Royale XP** Traditional viola flower pattern – burgundy cap, lemon mid petal and yellow lower petal. 'PAS733564'
- **Orange XP** All-new colour to Sorbet – bright orange. The earliest-flowering Orange available with the best seed quality. 'PAS733562'
- **Orchid Rose Beacon XP** Orchid-rose with light cap. 'PAS733560'
- **Purple XP** All-new colour to Sorbet – pure deep violet. 'PAS733569'
- **Purple Face XP** Deep-violet purple with white face and "Babyface" blotch. 'PAS733563'
- **New Purple Ice XP Improved** More floriferous with brighter colour; improved seed quality. 'PAS867915'
- **New Raspberry XP** Rose pink and white shades. 'PAS786641'
- **Violet Beacon XP** Purple blue with light cap. 'PAS733566'
- **White XP** 'PAS737505'
- **Yellow XP** 'PAS737507'
- **Yellow Blotch XP** 'PAS733573'
- **Yellow Duet XP** Purple cap, golden yellow lower petals. 'PAS733574'

See pages 180 to 181 for Sorbet XP mixtures and Sorbet Standard varieties.

 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



Beaconberry Mixture XP



Blackberry Sundae Mixture XP



Blueberry Frost Mixture XP

SORBET XP VIOLA continued

Sorbet XP mixtures:

- **Beaconberry Mixture XP**
Beaconsfield XP, Orchid Rose Beacon XP and Violet Beacon XP.
- **Blackberry Sundae Mixture XP**
Coconut Duet XP, White XP, Purple XP and Purple Face XP.
- **Blueberry Frost Mixture XP**
White XP and Violet XP plus Marina, which is not available separately.
- **Citrus Mixture XP**
Orange XP, Yellow XP and White XP.
- **Harvest Mixture XP**
Orange XP, Purple XP and Yellow XP.
- **Lemon Parfait Mixture XP**
Lemon Royale XP, White XP and Yellow XP.
- **New Mixture XP Improved**
Includes all XP colours.
- **Orchidberry Frost Mixture XP**
Lavender Vein XP, Orchid Rose Beacon XP and White XP.
- **Select Mixture XP**
Mix of bolder XP colours is great for creating “less is more” landscapes.



Citrus Mixture XP



Harvest Mixture XP



Lemon Parfait Mixture XP



New Mixture XP Improved



Orchidberry Frost Mixture XP



Select Mixture XP

🔌 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.



New Banana Cream **New** Lemon Chiffon Improved Peach Frost Yellow Frost Blueberry Cream



New Lemon Blueberry Swirl Coconut Swirl Lilac Ice Icy Blue Blue Heaven



Marina Babyface **New** Antique Shades Improved Plum Velvet Black Delight White Babyface



Primrose Babyface Sunny Royale Orange Duet Ruby & Gold Babyface Purple Duet



Black Duet



YTT (Yesterday, Today & Tomorrow)



YTT Babyface



Babyface Mixture



Duet Mixture



Ocean Breeze Mixture

Sorbet Standard varieties:

- **New Antique Shades Improved** Earlier to flower with larger blooms, broader leaves and improved plant structure. Rich maroon-rose shades. 'PAS786643'
- **New Banana Cream** Bright white and yellow bicolor. 'PAS733571'
- **Black Delight** Pure velvety black. 'PAS211779'
- **Black Duet** Bicolour purple with black wing. 'PAS211781'
- **Blueberry Cream** Light blue with cream. *Royal Horticultural Society Award of Garden Merit*. 'PAS211786'
- **Blue Heaven** Violet blue. 'PAS221919'
- **Coconut Swirl** White with blue picotee. 'PAS211795'
- **Icy Blue** Sky blue with darker blue centre. 'PAS221920'
- **New Lemon Blueberry Swirl** Cheery lemon yellow encircled with purple-blue swirls. 'PAS867905'
- **New Lemon Chiffon Improved** Improved seed quality and more vigour. Lemon and yellow bicolor blooms. 'PAS872977'
- **Lilac Ice** 'PA211805'
- **Marina Babyface** Light blue and white with blotch. 'PAS211759'
- **Orange Duet** Unique combination of purple cap and orange face. *Fluroselect Gold Medal Winner*. 'PAS221927'
- **Peach Frost** Uniquely coloured flowers first open an overall peach colour with dark orange centre and lighter peach cap. As the blooms mature, the cap becomes purple-blue. 'PAS352786'
- **Plum Velvet** Rich, deep purple. 'PAS221925'
- **Primrose Babyface** Primrose blooms with blotch. 'PAS221910'
- **Purple Duet** Dark and light purple. 'PAS221926'
- **Ruby & Gold Babyface** 'PAS211763'
- **Sunny Royale** Yellow face with whiskers and reddish-purple cap. 'PAS211820'
- **White Babyface** 'PAS211764'
- **Yellow Frost** Blue and yellow bicolor. *Royal Horticultural Society Award of Garden Merit*. 'PAS211823'
- **YTT (Yesterday, Today & Tomorrow)** White blooms turn to blue at maturity. 'PAS211827'
- **YTT Babyface (Yesterday, Today & Tomorrow)** The "faced" version of Sorbet YTT. 'PAS221917'
- **Babyface Mixture** Includes all Babyface colours.
- **Duet Mixture** Primarily Orange Duet and Coconut Duet, with a little Purple Duet and Black Duet for accents.
- **Ocean Breeze Mixture** Blue Babyface, Coconut Swirl, White Babyface and Marina Babyface.



New Shangri-La Marina



Skippy Mixture



Skippy XL Deep Blue Blotch



Skippy XL Blue-Yellow



Skippy XL Plum-Gold



Skippy XL Red-Gold



Skippy Carmine Rose



Skippy Lavender Bright Eye



Skippy Lavender Yellow Face



Skippy Lilac Ice

F1 VIOLA continued

New Shangri-La Marina

Height: 6 to 8 in./15 to 20 cm

Spread: 10 to 12 in./25 to 30 cm

Supplied as primed and raw seed.

This 2011 All-America Selections Winner features a vigorous, mounding habit that fills out baskets quickly – it also works well in landscapes, colour bowls and planters. The early-blooming and free-flowering plants have excellent overwintering ability, making them great multi-season performers across a wide range of climatic conditions. Shangri-La Marina is good for both late Autumn and early Spring programs, in 4-in./10-cm pots and in 10-in./25-cm baskets with 4 plants per pot. Bred by Tokita Seed Co., Ltd.

Skippy Series

Height: 6 to 10 in./15 to 25 cm

Spread: 6 to 8 in./15 to 20 cm

Supplied as raw and primed seed.

Skippy XL and standard varieties deliver great performance through a wide range of conditions – count on high weather resistance, strong heat tolerance and good Winter hardiness. The compact, well-branched and uniform plants are early-flowering in Autumn and Spring, and remain in bloom for a long period. The XL varieties produce an abundance of extra-large, 1.5-in./3-cm flowers similar to a small pansy, with improved earliness and strong vigour.

Skippy XL varieties:

- Deep Blue Blotch
- Blue-Yellow
- Plum-Gold *All-America Selections Winner.*
- Purple Duet
- Red-Gold *All-America Selections Winner.*

Skippy Standard varieties:

- Beacon Yellow
- Carmine Rose
- Icebird
- Lavender
- Lavender Bright Eye
- Lavender Yellow Face
- Lilac Ice
- Orange
- Pastel Blue
- Purple
- Purple Bicolor
- Purple Bright Face
- Ruby & Gold
- Sky Blue Bicolor
- White
- White-Violet Wing
- Yellow
- Yellow-Purple Wing
- Mixture



Erlyn Purple Yellow



Microla Purple Yellow Wing



Pierrot



Valentine



Starbright Mixture



Star Orange



Star White



State Fair Mixture

Erlyn Series

Height: 6 in./15 cm
Spread: 10 to 12 in./25 to 30 cm
Supplied as raw seed.

Versatile series is well-suited to baskets and planters, and creates a nice spreading groundcover. The very uniform and floriferous plants display beautiful tricolour blooms. Works well in Spring and Autumn 3.5-in./9-cm pot programs.

- Lemon Blue Wing
- Purple Yellow

Microla Series

Height: 6 in./15 cm
Spread: 6 in./15 cm
Supplied as raw seed.

The compact, early-flowering plants produce miniature blooms over a long season. Excellent for year-round, high-density production.

- Pure Yellow
- Purple Yellow Wing
- White Violet Wing

Pierrot

Height: 6 to 8 in./15 to 20 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw and primed seed.

The large, 1.5-in./3 cm flowers show off a unique and beautiful colour to the *V. cornuta* class. Frost-tolerant, very compact, small-leaved plants produce an abundance of blooms.

Valentine

Height: 6 to 8 in./15 to 20 cm
Spread: 6 to 8 in./15 to 20 cm
Supplied as raw and primed seed.

The beautiful, large blooms are a unique color to *V. cornuta* – rose wing on a white and pink face. The very compact and uniform, small-leaved plants are frost tolerant and well-suited to year-round production.

VIOLA SP.

Rain Series

See page 109.

ZINNIA

ZINNIA ANGUSTIFOLIA

Star Series

Height: 14 in./35 cm
Spread: 8 in./20 cm
Supplied as raw seed.

Different from *Z. elegans* types, these graceful zinnias bear single, star-shaped flowers up to 2 in./5 cm across, on plants with a looser, more informal look. Star varieties tolerate heat, humidity and drought for exceptional landscape and garden performance, and are vigorous enough to fill a bed quickly. They also make colourful hanging baskets and are great in mixed container plantings. Resistant to Alternaria and powdery mildew.

- **Gold** Deep gold.
- **Orange** Rich, deep orange.
- **White** Pure white flower on gray-green foliage.
- **Starbright Mixture** All three colours.

ZINNIA VIOLAECAE (SYN. ZINNIA ELEGANS)

State Fair Mixture

Height: 3 to 4 ft./0.9 to 1.2 m
Spread: 12 to 14 in./30 to 35 cm
Supplied as raw seed.

A tetraploid mix with higher resistance to powdery mildew and Alternaria than the dahlia-flowered or California strains, as well as marked improvement in vigour and plant habit. Very large flowers come in bright scarlet, gold, lavender, purple, orange, pink, red and yellow. Good cut flower, for tall garden backgrounds/borders.

Double Zahara™

Zahara is now doubly tough! Our fully double series delivers such outstanding performance that both varieties earned 2010 All-America Selections and Fleuroselect awards! Pictured: Fire



ZINNIA MARYLANDICA

Double Zahara Series 

Height: 16 to 20 in./40 to 50 cm
Spread: 16 to 20 in./40 to 50 cm
Supplied as raw and coated seed.

Our two all-new fully double zinnias are so outstanding they each earned the 2010 All-America Selections award. But this high-performance duo didn't stop there – Fire brought home the Fleuroselect Gold Medal, while Cherry received a Fleuroselect Novelty Mark, and exceptional ratings continue to arrive from university and independent trial locations. The only true double zinnia series on the market, Double Zahara boasts all the same exceptional traits as its single Zahara counterparts: bigger flowers than the competition for more colour show, outstanding disease tolerance, low water needs and superior all-season performance in beds and planters.

- **Cherry** Deep magenta flowers show a lighter centre as the flowers age in low light or high night temperatures. *All-America Selections Winner, Fleuroselect Novelty.* 'PAS553643' U.S. Plant Variety Protection Number 200700335

- **Fire** Scarlet-orange flowers show a lighter centre as the flowers age in low light and high night temperatures. *All-America Selections Winner, Fleuroselect Gold Medal Winner.*

'PAS553645' U.S. Plant Variety Protection Number 200700336

- **Duo Mixture** Cherry and Fire.



Cherry



Fire



Duo Mixture

 Low energy production

See page 191 for more on the Circle of Life™ EcoIndex program.

Zahara™



With the biggest blooms and superior disease tolerance, all-around winner Zahara assures big retail impact and carefree, season-long shows.



Coral Rose



Fire



Scarlet



Starlight Rose



White



Yellow



Bonfire Mixture



Raspberry Lemonade Mixture



Mixture

Zahara™ Series

Height: 12 to 18 in./30 to 45 cm
Spread: 12 to 18 in./30 to 45 cm
Supplied as raw and coated seed.

Colour-filled Zahara has 20% larger flowers than comparable types, plus an array of unique choices, including award-winning Starlight Rose as well as the first Yellow, the first Scarlet and the first well-balanced Mixture in a zinnia of this type. Superior disease tolerance makes Zahara an excellent choice in the landscape where *Z. elegans* or vinca varieties have failed in the past. Heat-loving plants are outstanding in sunny, hot and dry conditions, and have very low water needs, making it an ideal crop for areas with watering restrictions. This all-around winner assures big retail impact and care-free, season-long shows in landscapes and containers. Zahara shows such outstanding performance in landscapes that it was chosen for use at the 2008 Olympic Games in Beijing, China. Well-suited to packs and 4-in./10-cm programs.

- **Coral Rose** Rose with coral background hue; colour varies by environment. 'PAS490446' U.S. Plant Variety Protection Number 200700357
- **Fire** Bright orange-red hue intensifies outdoors. 2009 Japan Flower Selections "Good Performance" Special Prize. 'PAS719124' U.S. Plant Variety Protection Number 2010000090
- **Scarlet** The deepest red available in this type! Colour gets deeper outdoors in full sun. 'PASA490445' U.S. Plant Variety Protection Number 200700356
- **Starlight Rose** White flowers with rose stripes are the first bicolor zinnia in this disease-tolerant type. Colour pattern varies by environment, with the best colour from high light, good fertilization and cool nights. *All-America Selections Winner, 2010 Fleuroselect Novelty.* 'PAS719128'
- **White** Large, pure white flowers. 'PAS490444' U.S. Plant Variety Protection Number 200700334
- **Yellow** The first yellow of this type. 'PAS490443' U.S. Plant Variety Protection Number 200700355
- **Bonfire Mixture** Scarlet, Fire and Yellow.
- **Mixture**
- **Raspberry Lemonade Mixture** Coral Rose, Yellow and Starlight Rose.



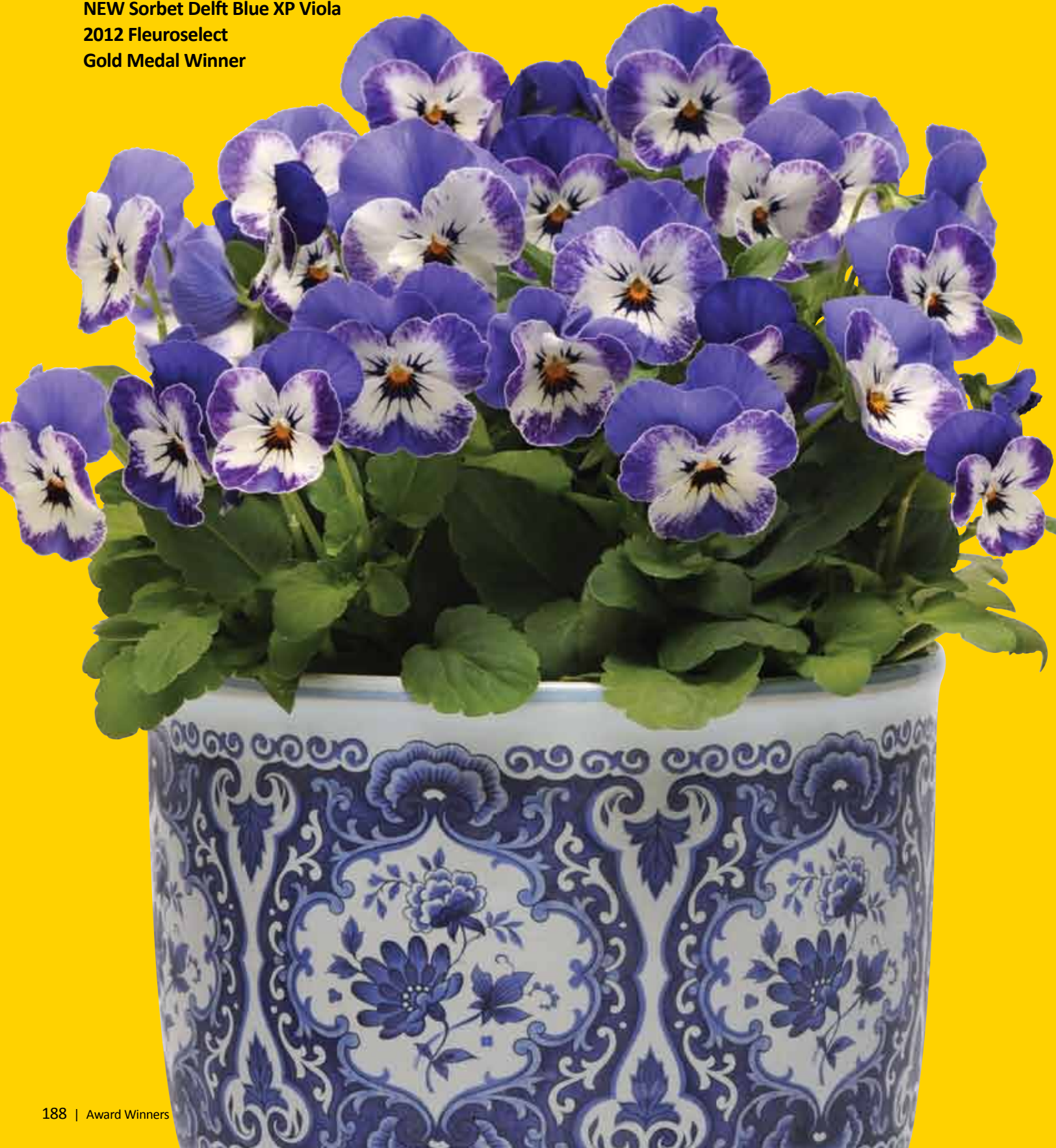
▶ Watch the video online at panamseed.com/ZaharaVideo ◀

- 🌱 Low energy production
- 💧 Low landscape/consumer water needs

See page 191 for more on the Circle of Life™ EcolIndex program.

Award Winners

NEW Sorbet Delft Blue XP Viola
2012 Fleuroselect
Gold Medal Winner





Purple Majesty Ornamental Millet

FLEUROSELECT GOLD MEDAL



- Alyssum Snow Crystals
- Cosmos Sonata White
- Dianthus Noverna Clown
- Dianthus Noverna Purple
- Gazania Daybreak Red Stripe
- Marigold Honeycomb
- Marigold Orange Boy
- Marigold Orange Jacket
- Nemesia Sundrops Mixture
- Petunia Wave Blue
- Petunia Wave Lavender
- New** Viola Sorbet Delft Blue XP
- Viola Sorbet Orange Duet XP
- Zinnia Double Zahara Fire



Wave Blue Petunia



Black Pearl Ornamental Pepper

ROYAL HORTICULTURAL SOCIETY AWARD OF GARDEN MERIT

- Alyssum Easter Bonnet Lavender
- Alyssum Easter Bonnet Violet
- Dianthus Amazon Neon Purple
- Dianthus Amazon Rose Magic
- Dianthus Dynasty Orchid
- Dianthus Ideal Select Rose
- Dianthus Ideal Select WhiteFire
- Dianthus Sweet Coral
- Dianthus Sweet Scarlet
- Dianthus Sweet White
- Viola Sorbet Blueberry Cream
- Viola Sorbet Yellow Frost

ALL-AMERICA SELECTIONS



- Basil Purple Ruffles
- Basil Sweet Dani
- Dianthus Ideal Select Violet (All-America Classic)
- Diascia Diamante Coral Rose
- Dill Fernleaf
- Lisianthus Forever Blue
- Lisianthus Forever White
- Marigold Golden Gate
- Marigold First Lady
- Nicotiana Nicki Red
- Ornamental Millet Purple Majesty (Gold Medal Winner)
- Ornamental Pepper Black Pearl
- Ornamental Pepper Chilly Chili
- Pepper Cajun Belle
- Petunia Orchid Daddy
- Petunia Purple Pirouette
- Petunia Tidal Wave Silver
- Petunia Wave Blue
- Petunia Wave Lavender
- Petunia Wave Purple Classic (All-America Classic)
- Snapdragon Rocket Bronze
- Snapdragon Rocket Golden
- Snapdragon Rocket Orchid
- Snapdragon Rocket Red
- Snapdragon Rocket Rose Shades
- Snapdragon Rocket White
- Vinca Pacifica Burgundy Halo XP
- New** Viola Shangri-La Marina *
- Viola Skippy XL Red-Gold
- Viola Skippy XL Plum-Gold
- Viola sp. Rain Blue & Purple *
- Zinnia Double Zahara Cherry
- Zinnia Double Zahara Fire
- Zinnia Zahara Starlight Rose

FLEUROSELECT NOVELTY



- Alyssum Clear Crystal White
- Aster Meteor Carmine Red
- Aster Meteor Yellow
- Dahlia Deco Mixture
- Dahlia Figaro White
- Dahlia Figaro Original Field Grown Mixture
- Lobelia Regatta Marine Blue
- Lobelia Regatta Sapphire
- Lobelia Regatta Sky Blue
- Lobelia Riviera Blue Splash
- Lobelia Riviera White
- New** Marigold Bonanza Deep Orange
- Ornamental Pepper Peppa Blanca/Rosé
- Verbena Quartz Purple XP
- Zinnia Double Zahara Cherry
- Zinnia Zahara Starlight Rose



Ideal Select Rose Dianthus

FLEUROSELECT QUALITY AWARD



- Alyssum Easter Bonnet Violet
- Aster Meteor Violet Blue
- Cosmos Sonata Carmine
- Cosmos Sonata Pink
- Cosmos Sonata Pink Blush
- Cosmos Sonata Mixture
- Dahlia Figaro Orange Shades
- Dahlia Figaro Red Shades
- Dahlia Figaro Violet Shades
- Dahlia Figaro Yellow Shades
- Dianthus Ideal Carmine
- Dianthus Ideal Select Rose
- Helianthus Prado Gold
- Helichrysum Chico Red
- Helichrysum Chico Yellow
- Lobelia Regatta Blue Splash
- Lobelia Regatta Rose
- Lobelia Riviera Midnight Blue
- Lobelia Riviera Rose
- Lobelia Riviera Sky Blue
- Marigold Orange Gate
- Marigold Yellow Gate
- Ornamental Pepper Black Pearl
- Pansy Rally Lilac Cap
- Petunia Tidal Wave Silver
- Trachelium Devotion Burgundy
- Vinca Pacifica Burgundy Halo XP



New Bonanza Deep Orange Marigold

* Bred by Tokita Seed Co., Ltd.

Patent Information

EUROPEAN COMMUNITY PLANT VARIETY RIGHTS

Begonia Dragon Wing Pink (EU 10351)
Begonia Dragon Wing Red (EU 9611)

EUROPEAN UTILITY PATENT APPLIED FOR

Alyssum Clear Crystal Purple Shades
Alyssum Clear Crystal Lavender Shades
Petunia Debonair Dusty Rose
Petunia Debonair Lime Green
Petunia Sophistica Antique Shades
Petunia Sophistica Lime Bicolour

U.S. UTILITY PATENT APPLIED FOR

Alyssum Clear Crystal Lavender Shades
Alyssum Clear Crystal Purple Shades

U.S. PATENTS

Impatiens Super Elfin™ Red Starburst XP, Rose Starburst XP, Salmon Starburst XP and Violet Starburst XP – Plants grown from this seed are protected by U.S. Utility Patent 5,986,188.

Ornamental Pepper Chilly Chili and Medusa – Plants grown from this seed are protected by U.S. Utility Patents 7,087,819 and 7,393,995.

Ornamental Pepper Sangria – Plants grown from this seed are protected by U.S. Utility Patents 7,393,995 and 7,696,416.

Petunia Debonair Dusty Rose, Debonair Lime Green, Sophistica Antique Shades and Sophistica Lime Bicolour — Plants grown from this seed are protected by U.S. Utility Patent 7,642,436.

The purchaser or user of seed for the varieties listed here is granted a license to use such plants once and only once for the purpose of producing an ornamental plant. No other license, express or implied, is granted to the purchaser or user of this product. Propagation from or breeding with such plants is prohibited.

U.S. PLANT VARIETY PROTECTIONS

Basil Sweet Dani – USPVP 9500027
Coleus Kong Green ** – USPVP 200500019
Coleus Kong Red ** – USPVP 200500015
Coleus Kong Rose ** – USPVP 200500017
Coleus Kong Salmon Pink** – USPVP 200900035
Coleus Kong Scarlet ** – USPVP 200500016
Helenium Dakota Gold – USPVP 200600009
Lobelia Regatta Lilac Splash – USPVP 200600188
Lobelia Riviera Blue Splash – USPVP 9400206
Lobelia Riviera Lilac – USPVP 9300313
Marigold Janie Deep Orange – USPVP 9200025
Marigold Janie Primrose – USPVP 9200027
Ornamental Pepper Black Pearl – USPVP 200500020
Ornamental Pepper Medusa – USPVP 200000140
Vinca Grape Cooler – USPVP 9000113
Vinca Mediterranean Dark Red XP – USPVP 200900043
Vinca Mediterranean Hot Rose XP – USPVP 200900084
Vinca Mediterranean Lilac – USPVP 9800182
Vinca Mediterranean Peach XP – USPVP 200900080
Vinca Mediterranean Red XP – USPVP 200900081
Vinca Mediterranean Rose XP – USPVP 200900082
Vinca Mediterranean Strawberry XP – USPVP 200900083
Vinca Mediterranean White XP – USPVP 200900053
Vinca Pacifica Apricot XP – USPVP 9800181
Vinca Pacifica Burgundy Halo XP – USPVP 200700272
Vinca Pacifica Dark Red XP – USPVP 200600189
Vinca Pacifica Magenta Halo XP – USPVP 200500216
Vinca Pacifica Orchid Halo – USPVP 200500217
Vinca Pacifica Pink – USPVP 9700087
Vinca Pacifica Punch XP – USPVP 9400248
Vinca Pacifica Really Red XP – USPVP 200600190
Vinca Pacifica Rose Halo XP – USPVP 200500218
Zinnia Double Zahara Cherry – USPVP 200700335
Zinnia Double Zahara Fire – USPVP 200700336
Zinnia Zahara Coral Rose – USPVP 200700357
Zinnia Zahara Fire – USPVP 201000090
Zinnia Zahara Scarlet – USPVP 200700356
Zinnia Zahara White – USPVP 200700334
Zinnia Zahara Yellow – USPVP 200700355

U.S. PLANT VARIETY PROTECTIONS APPLIED FOR

Vinca Mediterranean Cherry Red Halo XP
Vinca Mediterranean Rose Halo XP

** Bred by Sakata Seed Corporation.

Circle of Life® EcoIndex

Reduce inputs to save money and grow sustainably



Reduce Energy

Identifies products growers can finish successfully with a proven cool-grown, low-energy input program



Reduce Water

Identifies products that deliver superior performance in a landscape/consumer setting under a restricted watering regime



Reduce Chemicals

Identifies products which reduce or eliminate the need for costly and often hazardous chemicals

Ball is the first in the industry to identify a comprehensive, scientifically based index of sustainable genetics and products.

Our Circle of Life EcoIndex guides growers in selecting both plants and hardgoods that let them reduce their energy and chemical inputs to save money and operate more sustainably. They also have the opportunity to grow in eco-friendly packaging and offer consumers varieties with low water needs.

- On-going product testing program
- Data-supported
- Two-year trialing with multiple replications

Look for the EcoIndex symbols on varieties throughout the catalogue.

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Pictured: Easy Wave™, Tidal Wave™ and
Wave™ Spreading Petunias. Page 117.

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