GROWING SUCCESS FROM SEED



Megawatt Rose Bronze Leaf





Megawatt Red Green Leaf NEW Megawatt Rose Green Leaf

F1 BEGONIA () () Interspecific begonia

New Megawatt[™] Series

Height: 20 to 28 in./50 to 70 cm **Spread:** 16 to 24 in./40 to 60 cm

Plug crop time: 6 to 8 weeks Transplant to finish: 6 to 9 weeks

• Unique Pink Bronze Leaf and partner Rose Bronze Leaf *go to market faster* to grab Spring sales.

• Megawatt Green Leaf varieties pump out extra vigor for bigger flower explosion.

• Striking, non-stop flowers keep plants covered in huge color all through the Summer.

• Sturdy flower stems hold flowers above the foliage for superior show versus others.

• Beautiful plants with lush foliage are perfect for landscapes, baskets, big tubs and borders.

• Performs well in heat/drought, with no deadheading needed.

• Start with BabyWing® (p. 4) for day-neutral growing...move to Megawatt for big Spring sales... then round out the season with Dragon Wing® (p. 4).





<mark>N E W</mark> Megawatt Pink Bronze Leaf Begonia

These are no ordinary seed varieties. Converting your veg inputs to seed with our collection of premium seed crops will improve your program and profits through:

- Simplified production and reduced input costs
- A broader offering in high-value product categories
- Premium performance at a budget-friendly price

fuseables®



Paradise Island



Chocolate Symphony



Utopia



Blueberry Lime Jam





Under The Sun





Pleasantly Blue





Sunglow



Sunset Boulevard

FUSEABLES®

Fuseables is the only combo program from a single Precision Multi-pellet. And no other combo series gives you great texture and color for Spring and Autumn, with amazing results every time. One pellet into one plug into one 6 to 8-in./15 to 20-cm pot, and you're good to go.

These easy-to-produce, two to three-variety mixes are ideal for color bowls, hanging baskets and large patio containers. We recommend 1 to 3 plants per 10-in./25-cm container and 3 to 5 plants per 12-in./30-cm container.

New Calibrachoa Paradise Island

Kabloom™ Yellow calibrachoa plus denim and rose (not available separately). 7-day flowering window.

New Viola Sunglow

Sorbet[®] Lemon Chiffon and Midnight Glow violas.

New Viola Sunset Boulevard

Sorbet Lemon Chiffon and Peach Melba violas.

Bacopa Utopia Blutopia[®] and Snowtopia[®] bacopa.

Coleus Chocolate Symphony

Chocolate Mint and Lime Delight coleus make an easy combo for the shade.



Twisted Dart

Coleus Under The Sun

Crimson Gold and Lime Delight coleus. Great for both sun and shade.

Petunia Blueberry Lime Jam

Sophistica[®] Lime Green and Dreams Midnight petunias.

Petunia Lime Coral

Dreams Coral Morn and Sophistica Lime Bicolor petunias.

Petunia Pleasantly Blue

Dreams Midnight and Daddy® Blue petunias.

Viola-Alyssum Wine Cooler

Cool-season combo of Sorbet Midnight Glow viola and Clear Crystal® Purple Shades alyssum.

CURRENT FUSEABLES VARIETIES STILL AVAILABLE AS ORIGINAL MULTI-PELLETS

Juncus Twisted Arrows

Blue Arrows Juncus and *Juncus effusus spiralis* (curly juncus).

Height: 18 to 36 in./45 to 90 cm Spread: 12 to 18 in./30 to 45 cm USDA Hardiness Zones: 5 to 9

Juncus Twisted Dart

Blue Dart Juncus and *Juncus effusus spiralis* (curly juncus).

Height: 14 to 16 in./35 to 40 cm **Spread:** 10 to 18 in./25 to 45 cm **USDA Hardiness Zones:** 5 to 9



Lime Coral

wave[®] fuseables[®]





Rise N Shine

WAVE® FUSEABLES®

PanAmerican Seed took patented Fuseables seed technology. Added Wave spreading petunias into those pellets. And offer you an absolutely power-packed way to grow your main-season "Better" price point.

New Rise N Shine

Easy Wave® Yellow and Rosy Dawn. This second all-Wave Fuseables is a great Spring item.

Blue Dawn

Easy Wave Rosy Dawn with Blutopia bacopa.

Healing Waters

Shock Wave® Denim and Easy Wave Violet petunias with large-flowered blue bacopa.

Ooh La La

Easy Wave Burgundy Star, Easy Wave Neon Rose and Shock Wave Coconut petunias.

Silk N Satin

Shock Wave Pink Shades petunia with Snowtopia bacopa.

Strawberry Wine

Easy Wave Shell Pink, Dreams Red and Daddy Red petunias.





Blue Dawn



Ooh La La



Strawberry Wine





3

<u>mium seed varieties</u>



na Mixture Angelonia



Serena Purple (left) and Serenita Purple (right)

Serena Purple Angelonia

Serenita Raspberry

Angelonia



Serena White Angelonia



Serenita Lavender Pink Angelonia



BabyWing White



BabyWing Red

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BabyWing Mix



Serena Blue

Serenita Sky Blue

Angelonia

Angelonia

Serena Waterfall Serenita Mixture Mixture Angelonia Improved Angelonia



Angelonia







Dragon Wing Red Begonia



Serenita Pink Angelonia

F1 ANGELONIA 💛 Angelonia angustifolia

Serena[®] Series

Height: 16 to 20 in./40 to 50 cm **Spread:** 12 to 14 in./30 to 35 cm

Plug crop time: 5 to 6 weeks Transplant to finish: 8 to 9 weeks

• Serena fills gardens, landscapes and mixed containers with unique dimensional color.

- Carefree, continuous bloomer performs well under a wide range of conditions.
- Durable series is a perfect choice for consumers looking for waterwise, heat-loving plants.
- Plants grow up to 50% larger in Floridalike conditions.

Serenita[®] Series

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

Plug crop time: 5 to 6 weeks Transplant to finish: 8 to 9 weeks

• Serenita has all the good looks, durability and easy production of Serena - with a few additional benefits.

• Excellent solution where shorter and more manageable material is needed.

 Peak performer in very hot/humid night temps like Florida and similar southern climates.

- Great for high-density production in the North.
- Grow Serenita with less to no PGRs for cost savings.

F1 BEGONIA () Begonia x hybrida

BabyWing® Series

Height: 12 to 15 in./30 to 38 cm **Spread:** 10 to 12 in./25 to 30 cm

Plug crop time: 7 to 8 weeks Transplant to finish: 5 to 7 weeks

- Maintenance-free BabyWing flowers 10 days to 2 weeks earlier than Dragon Wing, with continuous color and small Dragon Wingshaped leaves.
- Upright, mounded plants have a controlled habit that stands up to shipping.
- Season-long performance in landscapes and containers.
- Extremely heat tolerant and

handles stressful conditions well.

Dragon Wing® Series

Height: 12 to 15 in./30 to 38 cm **Spread:** 15 to 18 in./38 to 45 cm

Plug crop time: 7 to 8 weeks Transplant to finish: 7 to 9 weeks

- Grows lush and vigorous in southern U.S. heat.
- Unique and beautiful arching, pendulous habit is spectacular in hanging baskets, large containers and commercial landscapes.
- Angel-wing leaves and large blooms give Dragon Wing a
- dramatically different look.
- Surpasses vegetative varieties for branching, vigor and flower power.





BabyWing Pink















Kabloom Yellow Calibrachoa

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

Plug crop time: 8 to 9 weeks Transplant to finish: 5 to 6 weeks

• Showy plant combines beauty with strength and durability - makes a dramatic statement in containers. • Easy-care, low-water use plant.

• Fits into current culture; easier and quicker to grow than vegetative types. • More tolerant of stressful conditions than Rex begonias for less shrink. • Retailers appreciate the longer sales window and versatility for indoor and outdoor sales.

F1 CALIBRACHOA 💛 Calibrachoa x hybrida

Kabloom[®] Series

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

Plug crop time: 5 to 8 weeks Transplant to finish: 7 to 11 weeks

• The first seed calibrachoa puts ease and efficiency at your fingertips: it's easy to order and ready to ship, fits right into mechanized production and assures easy inventory management. • Kabloom is the ideal input for grower choice premium quarts. Also wellsuited to 4 to 6-in./10 to 15-cm pots, hanging baskets and mixed combos. • Bushy, trailing plants show off

- abundant, bright blooms.
- Available in core solid colors.

Premium varieties supplied by PanAmerican Seed®

DICHONDRA OO 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

Plug crop time: 5 weeks Transplant to finish: 6 to 7 weeks

• True cascading habit is excellent for mixed containers or hanging baskets.

 Performs as a low-growing groundcover, but requires welldrained soils.

 Also well-suited to indoor plant programs

 Very heat and drought tolerant. • No pinching needed.

DICHONDRA 💛 🛈 Dichondra repens

Emerald Falls

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

5pread/Length: 3 ft./90 cm

Plug crop time: 5 to 6 weeks Transplant to finish: 7 to 8 weeks

• Denser, tighter and shorter than

- Silver Falls, without pinching or PGRs. • Medium green leaves are more
- rounded and held closer to the stem.
- Good for hanging baskets. • Also performs well as a heat-
- tolerant, low-growing groundcover.



Kabloom White Calibrachoa



Kabloom Deep Pink Calibrachoa







Gryphon Begonia



(left to right) ColorGrass Amaze Red Rooster and Bronco Carex mazon Mist

Anemanthele Sirocco 💛 Carex Amazon Mist 💛 Carex Bronco 💛 Carex Phoenix Green 💛 Carex Red Rooster 💛 **Corynephorus Spiky** Blue 🔾 🗶 Eragrostis Wind Dancer 💛 Festuca Festina 🔾 🌒 Isolepis Live Wire 🔾 🌒 Juncus Blue Arrows 🗢

range of ornamental grasses from seed. These unique varieties accent landscapes and containers with height, color and texture. Find photos and variety info at panamseed.com.

Juncus Blue Dart 🔾 🛈 Juncus Javelin 🔾 🌻 Juncus Starhead 🔾 🌒 Juncus Twisted Arrows 💛 🛈 Pictured on p. 2 Juncus Twisted Dart 🔾 🌒 Pictured on p. 2 Koeleria Coolio 🔾 🌒 Luzula Lucius 🔾 🛈 Luzula Starmaker 🔾 🌒 Stipa Pony Tails 🔿



GRIFFIN







Kabloom Deep Blue Calibrachoa

Emerald Falls Dichondra Dichondra **COLORGRASS®**

Grow and sell the broadest

premium seed varieties



Pineapple Surprise Coleus



Jolt Pink Dianthus



Jolt Cherry Dianthus



Dianthus



Dash Pink Dianthus



Dash Violet Dianthus



Dianthus

Dash Magician

Dash Mixture Dianthus

PREMIUM SHADE COLEUS Solenostemon scutellarioides

Kong[®] Series

Height: 18 to 20 in./45 to 50 cm Spread: 15 to 18 in./38 to 45 cm

Plug crop time: 5 to 6 weeks Transplant to finish: 3 to 4 weeks

KONG Mosaic, Red and Rose are bred by Sakata Seed Corporation

PREMIUM SUN COLEUS Solenostemon scutellarioides

These varieties can tolerate full sun in regions of high relative humidity such as Hardiness Zones 9 and 10. Foliage will scorch in full sun with low relative humidity. All are also suitable for shade.

• Upright accent plant.

• A good choice for containers and landscapes.

Plug crop time: 5 to 6 weeks Transplant to finish: 6 to 8 weeks

New Pineapple Surprise

Height: 18 to 26 in./45 to 65 cm Spread: 18 to 22 in./45 to 55 cm

• Unique and versatile tricolor pattern: iridescent chartreuse and deep burgundy hearts are splashed with chartreuse and green. The surprise! Up to 3% of plants can show primarily darker green/burgundy bicolor instead of chartreuse.

• Stable color/pattern all season like similar vegetative varieties. • Very late-flowering.











Kong Scarlet

Improved



Rose to Lime Magic: Stage 1, 2 & 3

Chocolate Covered Cherry

Height: 12 to 14 in./30 to 35 cm Spread: 10 to 12 in./25 to 30 cm

Chocolate Mint

Height: 14 to 20 in./35 to 50 cm Spread: 12 to 14 in./30 to 35 cm

Crimson Gold

Height: 14 to 18 in./35 to 45 cm Spread: 14 to 18 in./35 to 45 cm

Dark Chocolate

Height: 24 to 30 in./60 to 75 cm Spread: 18 to 24 in./45 to 60 cm

Lime Delight

Height: 28 in./70 cm Spread: 18 to 22 in./45 to 55 cm

Mighty Mosaic

Height: 18 to 26 in./45 to 65 cm Spread: 18 to 22 in./45 to 55 cm

Rose to Lime Magic

Height: 24 in./60 cm Spread: 18 to 22 in./45 to 55 cm

Watermelon

Height: 20 in./50 cm **Spread:** 18 to 22 in./45 to 55 cm





F1 SINGLE INTERSPECIFIC DIANTHUS 💛

Dianthus barbatus interspecific

Jolt[™] Series

Kong Empire Mix

Dark Chocolate

Height: 16 to 20 in./40 to 50 cm Spread: 12 to 14 in./30 to 35 cm

Plug crop time: 4 to 5 weeks Transplant to finish: Late Spring through Autumn finish, 12 to 14 weeks; Winter finish, 14 to 18 weeks

• The most heat-tolerant Interspecific Dianthus, Jolt withstands hot Summer conditions with few disease issues and continues to flower without setting seed.

• Grower-friendly, well-branched plants are easy to produce with less to no PGRs.

• Ideal for Summer premium grower choice guart and gallon containers to command a higher price point.

• 2015 All-America Selections National Winner Jolt Pink will stir up consumer excitement with extra publicity and promotion.

- Strong dark green foliage.
- Performs as a semi-hardy annual in Zone 7













Glitz Euphorbia

Divine Scarlet

Divine Islande

Mixture

Bronze Leaf



Divine Orange Bronze Leaf





Divine Hot Cha Cha Mixture

F1 SINGLE DIANTHUS 💛 Dianthus barbatus

Dash Series

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

Plug crop time: 4 to 5 weeks Transplant to finish: Late Spring/ early Summer, 9 to 10 weeks; late Summer/Winter, 11 to 12 weeks

• The best *D. barbatus* for premium quarts and gallons.

• Naturally compact and wellbranched - needs less to no PGRs for easy, year-round container production. • Sweet William-type dianthus

requires no vernalization for flowering. • Produces masses of fragrant blooms. • Low-energy crop can be grown

cool for cost savings. F1 EUPHORBIA O Euphorbia graminea

Glamour

Height: 15 to 24 in./38 to 60 cm Spread: 15 to 20 in./38 to 50 cm

Plug crop time: 3 to 4 weeks Transplant to finish: 3 to 7 weeks

• Glamour is perfect for landscaper 1801s, quarts, 6-in./15-cm pots and gallons.

• Holds well in pots in the resale yard and at retail for less loss and less shrink.

• Takes heat and drought, rebounds fast from weather. Low maintenance - no

deadheading required.

Divine Scarlet Red







Mixture

Glitz

Divine Mystic Mixture

NEW

Height: 10 to 14 in./25 to 35 cm

Plug crop time: 4 to 5 weeks

• Delivers the performance of its vegetative counterparts without

• The perfect habit for premium

• Easy to grow - no pinching

• Suitable for grower choice premium quarts.

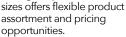
Height: 10 to 14 in./25 to 35 cm

Plug crop time: 5 to 6 weeks

 Your best shade alternative this grower-friendly series is perfect for shade landscape premium packs, 4-in./10-cm and guart programs.

Downy Mildew plus best-in-class seed quality with unsurpassed

• More colors and mixes than Florific, with more consistent color. • More vigor in planters and landscapes. • Range of production







Divine Violet

Divine Cherry Red





Divine Salsa Mixture

F1 SPREADING PANSY O Viola x wittrockiana

Cool Wave[®] Series

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

Transplant to finish: Spring 6 to 10 weeks, Autumn 4 to 8 weeks

• The fastest-growing, longestlasting, truly trailing pansy for Spring and Autumn lets you extend your growing season for the popular Wave® brand. • The most prostrate habit of any spreading pansy - great in combos and as groundcover. Superior overwintering hardiness - Cool Wave is the earliest pansy to return in Spring.



Divine Lipstick New Guinea Impatiens





Height: 6 to 8 in./15 to 20 cm Flower size: 2 to 2.25 in./5 to 6 cm

Plug crop time: 4 to 5 weeks



Cool Wave Golden Yellow

NEW



Cool Wave Sunshine 'N Wine



Cool Wave Frost



Cool Wave Violet Wing



Cool Wave





NEW

Cool Wave

Cool Wave Berries 'N Cream Mix Cool Wave Mix





7



Spread: 12 to 18 in./30 to 45 cm

Transplant to finish: 5 to 8 weeks

the headaches.

mixed containers.

needed.

F1 NEW GUINEA IMPATIENS ۲

Impatiens hawkeri

Divine™ Series

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

Transplant to finish: 7 to 8 weeks

• High resistance to Impatiens

availability.

assortment and pricing opportunities.

Divine Orchid



remium seed va



oetry White Nomocia



Poetry Pink Nemesia



Poetry Mix Improved

Nemesia

Poetry Blue Nemesi



(left to right) Akila Purple, White and Lavender Shades Osteospermum





Akila Daisy White

Osteospermum

Osteospermum



Sophistica Antique Shades Petunia



Sophistica Blue Morn Petunia



Petunia

Sophistica Lime Green Petunia

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Poetry Deep Pink Nemesia



Hot Pops Purple Ornamental Pepper Sedona Sun Ornamental Pepper

NEW

Nemesia foetans **Poetry[™] Series**

F1 NEMESIA 💛

Height: 12 to 14 in./30 to 35 cm Spread: 10 to 12 in./25 to 30 cm

Plug crop time: 4 weeks Transplant to finish: 5 to 7 weeks

• Uniform, grower-friendly varieties are ideal for Spring and Autumn premium packs and 4-in./10-cm pots. Branches well without pinching to produce bushy plants that fill out fast and full.

• NOTE: Sow 4 pellets per cell.

F1 OSTEOSPERMUM 💛 Osteospermum ecklonis

Akila[®] Series

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

Plug crop time: 4 to 5 weeks Transplant to finish: Spring 10 to 12 weeks, Autumn 7 to 9 weeks

• The most compact seed series available offers bench-run uniform colors for easy growing.

 Excellent branching assures better pot fill and great bench-togarden performance.

 Plants branch without pinching; all colors flower within a 7 to 10-day window, no vernalization needed.

PETUNIA 💛 Petunia x hybrida

Sophistica[®] Collection

Height: 10 to 15 in./25 to 38 cm Spread: 10 to 12 in./25 to 30 cm

Plug crop time: 4 to 6 weeks Transplant to finish: 5 to 7 weeks

• Abundant grandiflora blooms in upscale decorator colors. Plants are well-matched for timing for easy scheduling and shipping. Mounded, upright habit is ideal for premium pots, larger containers.

Black Pear **Ornamental Pepper**



Masquerade

Ornamental Pepper

Chilly Chili **Ornamental Pepper**

PEPPER, ORNAMENTAL 💛 Capsicum annuum

FOLIAGE ORNAMENTAL LANDSCAPE PEPPER

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

Calico F1

Height: 10 to 12 in./25 to 30 cm Spread: 14 to 16 in./35 to 40 cm

Purple Flash

Height: 13 to 15 in./33 to 38 cm Spread: 19 to 21 in./48 to 52 cm

FRUITING ORNAMENTAL LANDSCAPE PEPPER

New Sedona Sun

Height: 9 to 12 in./23 to 30 cm Spread: 14 to 16 in./35 to 40 cm

Plug crop time: 4 to 5 weeks Transplant to finish: 8 to 12 weeks for Autumn finish

• Expand Autumn sales for large pots and borders.

• Masses of lemon yellow and carrot orange fruit put a multicolor display on every plant.

• Grow like Sangria, with similar timing. • Best in 6 and 8-in./15 and

- 20-cm pots, gallons, mum pots.
- Grows uniformly in seasonal landscapes.
- Indeterminate growth.
- NOTE: Fruit is hot.

Sangria F1

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







Ornamental Pepper



Ornamental Pepper



Red Missil **Ornamental Pepper** Ornamental Pepper

FRUITING ORNAMENTAL POT PLANT PEPPER

New Hot Pops Purple

Height: 4 to 5 in./10 to 13 cm Spread: 6 to 8 in./15 to 20 cm

Plug crop time: 4 to 5 weeks Transplant to finish: 8 to 12 weeks for Autumn finish

- Pump up your Autumn pot plant sales with this new fruit form and multicolors!
- Small, round peppers of both purple and orange make a highimpact display for outdoor and indoor decorating - easy décor to attract today's young shopper.
- Works well in mixed containers, color bowls and Mum Pal programs. Best in guarts and 4 to 8-in./10

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- to 20-cm pots. • Grow like Medusa.
- Determinate growth.
- NOTE: Fruit is very hot.

Chilly Chili

Height: 9 to 10 in./23 to 25 cm Spread: 13 to 14 in./33 to 35 cm

Masquerade

Height: 10 to 12 in./25 to 30 cm Spread: 8 to 10 in./20 to 25 cm

Medusa

Height: 6 to 8 in./15 to 20 cm Spread: 4 to 6 in./10 to 15 cm

Red Missile

Height: 8 to 10 in./20 to 25 cm Spread: 6 to 8 in./15 to 20 cm

Griffin is the exclusive distributor of PanAmerican Seed premium seed varieties from Total Growth Solutions. Contact your Griffin sales rep to order these key vegetative-to-seed conversion items today.

Griffin 4951 Indiana Ave., Suite 100 Lisle, IL 60532 800 323-7253 griffins.com









Sophistica Lime Bicolor Petunia