Annual GRACEFUL GRASSES®

Our Graceful Grasses® Collection is popular with consumers because these plants are easy to grow and add height, texture, and color to the landscape and containers. Industry experts are fans as well, with the ten plants in the collection continuing to pick up awards for performance and beauty.

Cultural Information for GRACEFUL GRASSES®

In growing group BC (see page 141).

1.0 Quart and 4.25 Grande™ Specialty Containers for Graceful Grasses®

Gardeners are looking for our Graceful Grasses Collection, and our optional specialty containers make it easy for customers to find them. Plus, when you



In growing group BC (see page 141).



GRACEFUL GRASSES® Purple Fountain Grass Pennisetum setaceum 'Rubrum' TANDSCAPE 76-91cm (30-36") Vigor: 3 In growing group CB (see page 141).

GRACEFUL GRASSES® VERTIGO® Pennisetum purpureum 'Tift 8' USPP22254 CanPBRAF 122-244cm (48-96") Vigor: 4 In growing group BB (see page 141).

GRACEFUL GRASSES®

LANDSCAPE 61-76cm (24-30") Vigor: 3 In growing group CB (see page 141).

GRACEFUL GRASSES® 'Sky Rocket' Pennisetum USPP21497 LANDSCAPE 61-76cm (24-30") Vigor: 3

In growing group CB (see page 141).

BLUE MOHAWK® Juncus inflexus (24-36") Vigor: 2

GRACEFUL GRASSES®

Annual GRACEFUL GRASSES®

continued



1ANDSCAPE 46-61cm (18-24") Vigor: 2 In growing group BB (see page 141).

GRACEFUL GRASSES®

Carex flagellifera

Fiber Optic Grass Scirpus cernuus

25-36cm (10-14") Vigor: 2

In growing group CB (see page 141).

AUGUSTA® Lavender Heliotropium









If you think you know heliotrope, it's time to take another look. We've been incredibly impressed with this revolutionary variety that gives a classic genus a total reboot thanks to more advanced breeding. It is impressively vigorous, strongly upright, and densely branched, and was selected for its outstanding garden performance through hot, humid conditions. Use it as a prominent purple thriller or filler paired with other medium vigor varieties in containers and landscapes. New this year.

Growing Tips for AUGUSTA® Lavender

- Bright, warm growing conditions speed this crop along.
- Avoid wet soil and moisture on the foliage in low light and cool environments.
- 150-200ppm fertilizer
- Chlorotic foliage is often an indicator that the soil is too wet. Grow in well-drained, well-aerated soil for best rooting
- In growing group BC (see page 141).

Notes: Pinch the liner 1-2 weeks after transplant; for pots larger than 6" and for hanging baskets, make a second soft pinch and trim around the edge of the container just prior to hanging. Treat with a preventative broad spectrum fungicidal drench two weeks after transplant. 5-10 ppm Sumagic® or B-Nine® at 2500ppm is effective at controlling growth. Scout regularly for aphids and whitefly which can be problematic.



SUNCREDIBLE® Helianthus









These multiflora sunflowers check all the boxes of what today's consumers are looking for: easy and fun to grow, long blooming with little care, supports pollinating bees and butterflies, and deer resistant. Well-branched plants carry a multitude of blossoms that can be harvested for an extraordinary 16-18 weeks. Suncredible Yellow has demonstrated strong resistance to powdery mildew, allowing for easy production and extending its garden performance through the entire growing season.

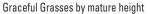
SUNCREDIBLE® SATURN™ *Helianthus* '**' USPPAF CanPBRAF US Utility Patent Applied For This earlier blooming cultivar bears bicolor yellow and russet red flowers. It's ideal for bud and bloom sales from summer through fall. New this year.

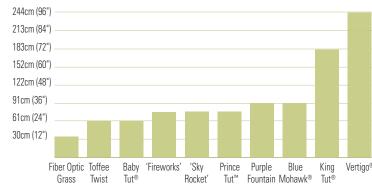
Growing Tips for SUNCREDIBLE® Yellow

- Moderate to high light levels in production.
- Feed with 150-200ppm N
- Good air circulation, control of humidity and good sanitation practices are critical to producing healthy plants.
- Do not withhold moisture to control height; wilting will stunt the crop.
- Suncredible Yellow is a long day beneficial/facultative short day plant. Suncredible Saturn is long day beneficial.
- Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.
- In growing group BA (see page 141).

Notes: A hard pinch is required to improve branching and control vigor. For 8 flowering branches, wait until 6-7 nodes develop on the stem, then pinch the shoot tips leaving 4 nodes/8 leaves. For 4 flowering branches, pinch to 2 nodes/4 leaves. Repeated applications of lower level PGRs is better than using high rates less frequently. Drench with 2-3ppm Bonzi® or a tank mix of 5000ppm B-Nine® and 1000ppm Cycocel® 1-2 weeks after pinching. Repeat a 2-3ppm Bonzi drench at first sign of visible buds, then drench again with 2ppm Bonzi when the flowers are starting to crack their color to hold for finishing. Southern growers will need to use slightly higher PGR rates;







HIPPO® Hypoestes phyllostachya ANDSCAPE 41-56cm (16-22") Vigor: 2

Hypoestes got a makeover! This series of super-sized, vegetative varieties does what Snow Princess did to seed alyssum. They're big, bushy, and won't bolt into flower soon after planting since they were selected against flowering and seed set. Use them like you would a coleus, providing season-long color in combination containers and landscapes in part sun or shade. This is one versatile plant you can easily recommend to every gardener.

AWARD WINNERS - HIPPO® Hypoestes

144 Awards including: Top Performer, University of Guelph; Excellent Rating, University Laval; Perfect Score All Season, Michigan State University; Consumer Favorite, Ohio State; Best of Breed, NC State

Growing Tips for HIPPO®

- Prefers warmer production temperatures; avoid chilling.
- 150-200 ppm fertilizer for optimal growth.
- Do not use irrigation frequency to control plant size. Can be run a little dry, but drying to the point of wilt will cause leaf burn and drop.
- Adapts to any light level but sharp changes in light can stress plants and damage the foliage.
- In growing group CB. (see page 141).

Notes: Pinch at 1-2 weeks after transplant if needed. Treat with preventative broad spectrum fungicidal drench 1-2 weeks after transplant. B-Nine may be used at 1500-2500ppm two weeks after transplant. Bonzi is also effective. Check manufacturer labels for approved rates and usage recommendations.



ROCKAPULCO® Coral Reef Impatiens walleriana 'Balcoree' USPP22992 CanPBRAF

ROCKAPULO * Impatiens walleriana ** [25-51cm (10-20") Vigor: 2

Rockapulco varieties feature unbeatable performance, plus the biggest, brightest, and most abundant flowers you'll find in double impatiens. Rockapulco varieties have excellent branching, uniformity, and a full range of color options, making them an ideal choice for premium containers.

AWARD WINNERS – ROCKAPULCO® Impatiens

83 Awards including: Leader of the Pack, North Carolina State;

Growing Tips for ROCKAPULCO®

- 100-150 ppm fertilizer for optimal growth.
- Requires moderate light intensity for optimal growth. Reduce light intensity when temperatures are high to prevent flower and leaf burning as well as bud drop.
- Apply Bonzi® (3-10 ppm) once or twice to control growth. Higher rates may be necessary in Southern production areas.



ROCKAPULCO® White

Impatiens walleriana 'BFP-7812' USPP11365 Can0643

60

ROCKAPULCO® Purple

Impatiens walleriana 'BALFIEPRIM' USPP18867 Can3361

BETH'S BLUE and PATTI'S PINK Isotoma axillaris





IANDSCAPE 25-36cm (10-14") Vigor: 2

BETH'S BLUE® Isotoma axillaris

This outstanding heat tolerant annual has long been popular for its unique star-shaped, blue lavender flowers and its interesting texture for containers and landscapes. Once vernalized, it puts on an airy show of blooms all season until frost.

PATTI'S PINK™ Isotoma axillaris 'ISOPAPI' USPPAF CanPBRAF If you like the look of Beth's Blue®, you'll love Patti's Pink. Slightly larger, star-shaped, pink flowers are borne atop a dense mound of finely textured, green foliage all season. Unlike Beth's Blue, it does not require vernalization to bloom.

Growing Tips for BETH'S BLUE® and PATTI'S PINK™

- Flowers heaviest when grown cool (45-55°F). Growing cooler will bulk up the plants and increase flower formation, however it will also increase production time.
- Beth's Blue liners must be vernalized for optimal spring production. Patti's Pink does not require vernalization.

- Great for growing in cold greenhouses where blooming begins to peak when temperatures warm up.
- Display and sell in cool greenhouse areas or grow outside if possible. A great companion to other cool season crops.
- 150-200 ppm fertilizer for optimum growth.
- In growing group AB (see page 141).

Notes: Pinching is not necessary. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Scout crops regularly (at least once a week) for disease development. Water early in the day so foliage is dry by nightfall to decrease likelihood of disease.

AWARD WINNER - BETH'S BLUE® Isotoma

18 Awards including: Best Performer, Dallas Arboretum; Best of Breed, JC Raulston Arboretum

AWARD WINNER - PATTI'S PINK™ Isotoma

9 Awards including: Perfect Score All Season, Disney; People's Choice, University of Georgia; Top Performer, Michigan State University

BETH'S BLUE® Isotoma axillaris PATTI'S PINK™ Isotoma

Expand your options for mounded to trailing plants for hanging baskets and upright container recipes with this unique genus which is a relative of Sutera. It handles heat and humidity far better and delivers a stronger summer performance. In our trials, we were able to easily produce full, healthy liners with no rooting issues and had no trouble with powdery or downy mildew. Well-drained soil is important, so we recommend growing Jamesbrittenia in containers rather than landscapes.

SAFARI™ Dawn *Jamebrittenia* 'INJAMSADAW' USPPAF CanPBRAF A unique selection with flowers that transition through rose pink and lavender shades with a prominent yellow eye. New this year.

 $\mathsf{SAFARI}^{\mathsf{IM}}\,\mathsf{Sky}\,\textit{Jamebrittenia}\,{}^{\mathsf{INJAMSASKY'}}\,\mathsf{USPPAF}\,\mathsf{CanPBRAF}$

A cool lilac purple selection that bears a white halo around a gold eye. Unlike Safari™ Dawn whose color shifts, this variety remains consistent as its slightly larger flowers age. New this year.

Growing Tips for SAFARI™

- Grow in high light with good air circulation. Avoid moisture settling on the foliage when light levels are low; excessive moisture can lead to Botrytis and mildews.
- Avoid overwatering, especially early in the crop cycle. Can be run a little dry but not to the point of wilt which will cause leaf burn.
- 150-200ppm fertilizer
- Cooler growing conditions and higher light quality can be used to manipulate final plant size but be mindful of disease potential if doing so.
- In growing group BB (see page 141).

Notes: Pinch the liner 1-2 weeks after transplant if needed; for pots larger than 6" and for hanging baskets, make a second soft pinch and trim around the edge of the container just prior to hanging. If required, daminozide applied at 500 ppm is effective. Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant. Scout regularly for aphids and whitefly which can be problematic.





LUSCIOUS Lantana camara









One of the most reliable recommendations you can make for customers looking for sun, heat and drought tolerant flowers that attract pollinators. Fragrant Luscious Lantana are rock stars in the landscape and add season-long color to window boxes, patio pots and hanging baskets.

Choose Luscious Royale varieties for their smaller size that fits easily into any container as a monoculture or paired with other medium vigor varieties. Choose standard Luscious varieties for full-sized, mega flower power. All our Lantanas set little to no seed and are daylength neutral.

LUSCIOUS® CITRON™ Lantana 'Ballany177' USPP32829 CanPBRAF An improvement over Luscious® Lemonade with larger, richer yellow flowers and a fuller, more mounded habit. A fine match for top-sellers Citrus Blend™ and Marmalade. New this year.

Growing Tips for LUSCIOUS®

- 150-250 ppm fertilizer for optimal growth.
- High light in production is essential.
- Warm and slightly dry conditions after transplanting speeds root in and growth.
- Use caution with Florel®, as it can cause leaf drop and leaf curl.
- For best results, northern growers may want to order first shipments in mid-spring when temperatures and light levels rise. Cold and wet conditions can double crop time.
- In growing group CB (see page 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. PGRs should not be needed. Winter flowering occurs in Sunbelt states. Luscious Marmalade and Luscious Bananarama may require a second pinch for shaping.

Luscious Grape is a true trailing variety. This may require an additional pinch to fill out 4-5" containers. Crop time will be about 2 weeks longer than



437 Awards including: Top Performer, Michigan State; Leader of the Pack, North Carolina State; Top Pick, Missouri Botanic Garden; Outstanding Rating, Disney Trials; Top Performer, University of Delaware; Best Overall Impression, Oregon State University

Luscious Comparison Chart

Variety Name	Vigor	Habit	Height	In Combos
Bananarama™	3	Upright	51-76cm (20-30")	Yes, with vigorous companions
Berry Blend™	3	Mounding	51-76cm (20-30")	Yes, with vigorous companions
Citron™	3	Mounding	51-76cm (20-30")	Yes, with vigorous companions
Citrus Blend™	3	Mounding	51-76cm (20-30")	Yes, with vigorous companions
Goldengate™	3	Mounding	51-76 cm (20-30")	Yes, with vigorous companions
Grape	2	Trailing	25-36 cm (10-14")	Yes, with any
Marmalade	3	Mounding	51-76cm (20-30")	Yes, with vigorous companions
Pinkberry Blend™	3	Mounding	51-76cm (20-30")	Yes, with vigorous companions
Royale Cosmo	2	Upright Globe	30-66 cm (12-26")	Due to habit, mix with trailing plants
Royale Piña Colada	2	Upright Globe	30-66 cm (12-26")	Due to habit, mix with trailing plants
Royale Red Zone	2	Upright Globe	30-66 cm (12-26")	Due to habit, mix with trailing plants





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IMPROVED



Bred to take the summer heat better than typical lobelias, these varieties are compact yet full, semi-upright plants covered in true blue, violet or white, self-cleaning blossoms. They are ideal low maintenance plants for hanging baskets, window boxes, combination containers, and landscapes.

LAGUNA® CLOUD WHITE™

Lobelia erinus 'WNLOLACLWH' USPPAF CanPBRAF

This improvement over Laguna® White features significantly larger and showier flowers, a more refined habit, and an ability to mix more evenly in recipes due to increased vigor. New this year.

LAGUNA® Sky Blue Improved

Lobelia erinus "WNLOLASKBL" USPP32655 CanPBRAF

This upgrade to our top-selling lobelia features an improved summer performance, larger flowers, and true sky blue color that holds a month longer through the summer heat. Improved this year.

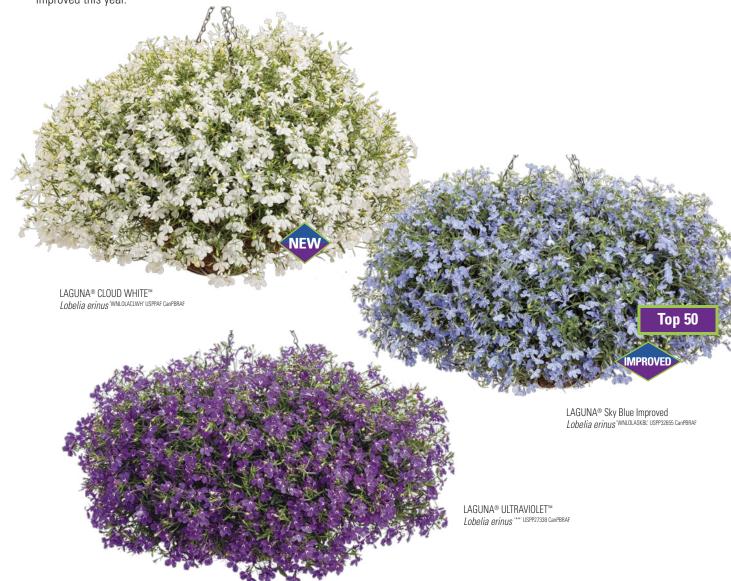
Growing Tips for LAGUNA®

- Preventive fungicides are recommended one week after transplanting.
- Grow cool with good air circulation once established.
- Requires high light in production and higher light and longer days to flower early.
- Needs 150-200 ppm fertilizer for optimal growth.
- In growing group BB (see page 141).

For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. 5-10 ppm Sumagic® spray is effective, if needed.

AWARD WINNERS - LAGUNA® Lobelia

28 Awards including: Best of the Best, University of Georgia; Best of Species, Penn State; Leader of the Pack, North Carolina State; Top Performer, Calgary Zoo and Botanic Garden; Gold Medal, University of Illinois Master Gardeners; Top Performer, Longwood Gardens; Consumer Choice, University of Florida - Fort Lauderdale



LAGUNA® Lobelia erinus continued

















BLUSHING PRINCESS® Lobularia 'INLBUBLUPR' USPP24516 Can4779 *25-41cm (10-16")

PRINCESS and KNIGHT Lobularia







Our collection of vegetative, heat tolerant Lobularia is exceptional in terms of habit, blooms, fragrance, and vigor choices. The Princess varieties are big, showy bloomers that are well-matched with other vigorous growers, while the Knights are more restrained and pair well with medium-vigor plants. All form trailing mounds of fragrant blooms from spring through fall without deadheading.

VIOLET KNIGHT™ *Lobularia maritima* 'INBUVIOKN' USPPAF CanPBRAF Improved rooting means a consistent supply of top-quality liners for growers looking to produce a picture-perfect Grande™ crop of alyssum. This upgraded cultivar features the same rich purple color and desirable fragrance as Dark Knight™, which it replaces. New this year.

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. Blushing Princess: Color is enhanced with brighter light and cooler temperatures.

Growers in low light or warm houses can expect some fading of color intensity, but plants darken quickly once outside.

If you are used to growing Snow Princess and needing PGRs to control growth, reduce your PGR level for Blushing Princess, and grow your first crops of Violet Knight and White Knight with minimal PGRs.

AWARD WINNERS – Princess and Knight Lobularia

303 Awards including: Superior Rating, Colorado State; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Plant of the Month, Dallas Arboretum; Outstanding Rating, Disney Trials; Top Performer, Cornell University; Excellent Performer, University Laval; Top Performer; University of Florida - Fort Lauderdale; Top Performer, Kansas State University; Top Performer, Devonian Botanic Garden; Top Performer, Cornell University

Growing Tips for PRINCESS AND KNIGHT

- Requires high light in production.
- Take care not to hang above plants that are sensitive to petal drop since Lobularia tends to shed.
- Grow cool for best results, but growing too cold can cause purpling of the foliage.
- Very fast and vigorous grower.
- Needs 150-200 ppm fertilizer for optimal growth.
- In growing group AC (see page 141).



Lobularia Comparison Chart

Variety name	Vigor	Color	Foliage	In Combos	
Snow Princess®	4	White	Dark green	Only with the most vigorous companion plants	
Blushing Princess®	4	White-lavender	Medium green	With vigorous companion plants	
White Knight®	3	White	Medium green	green With half the vigor of Snow Princess, it is a better companion for less vigorous plants	
Violet Knight™	3	Purple	Medium green	Vigor between White Knight and Blushing Princess, it is a better companion for less vigorous plants	
Moonlight Knight®	3	Soft yellow	Medium green	With half the vigor of Snow Princess, it is a better companion for less vigorous plants	

SUNSATIA® Nemesia © O T15-25cm (6-10") Vigor: 2

Growing Tips for SUNSATIA®

soil porosity are critical.

Use well-drained media only.

• Grow these plants on the dry side.

• High light is required in production.

In growing group AA (see page 141).

Preventive fungicides are recommended 1 week after transplant.

• Air circulation, proper water management, and good

• Requires 150-200 ppm fertilizer for optimal growth.

This is the collection that epitomizes the art and science of plant breeding. Very showy and dramatic in borders, hanging baskets, and containers. All varieties have a full, attractive habit and are ideal for early spring. Sunsatia are exceptionally cold tolerant and incredibly colorful.

AWARD WINNERS - SUNSATIA® Nemesia

15 Awards including: Excellent Rating, Disney Trials; Consumer Top Choice, Cornell-Long Island

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. Cold temperatures will also control growth. Sensitive to pythium, phytopthera, and thielaviopsis. Rhapsody and other copper-based fungicides are effective as a preventative application. SUNSATIA® Lemon Nemesia 'Intraigoldtwo' USPP23062 Can4345 SUNSATIA® Coconut Nemesia 'Intraiwhitwo" USPP23087 Can4347 Collection SUNSATIA® Cranberry Red Nemesia 'INNEMCRARE' USPP32657 CanPBRA SUNSATIA® BLOOD ORANGE™

10-14"

Bluebird Nemesia fruticans

25-30cm (10-12") Vigor: 2

An essential annual for spring color bowls, window boxes and landscapes, this cold tolerant annual knows how to start the season off right. Its rich blue, clove-scented blossoms do not require deadheading for continuous bloom. Bluebird's habit is sturdy, compact and well-branched. It has exhibited excellent heat tolerance, blooming well into the summer months.

Growing Tips for Bluebird

- Preventive fungicides are recommended one week after
- Florel® at 500 ppm is effective at increasing branching.
- Sumagic® at 5 ppm and cold temperatures are effective at controlling growth.
- Requires 150-200 ppm fertilizer for optimal growth.
- In growing group AA (see page 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets.

AWARD WINNER - Bluebird Nemesia

5 Awards including: Top Performer, Michigan State; Best of Breed for Winter, North Carolina State, JC Raulston Arboretum; Superior Rating, Penn State; Top Performer, Ohio State; Best of the Best, University of Georgia



Bluebird Nemesia fruticans 'Hubbird' USPP12014 Can1634

AROMANCE® Pink

Nemesia fruticans



25-46cm (10-18") Vigor: 2

We have been incredibly impressed with Aromance Pink in our trials as it has proven to be the most heat tolerant Nemesia we've seen. It performs beautifully throughout the summer and even handles heavy summer rains with ease. Its large, bright pink flowers are intensely fragrant and are especially showy in container recipes.

Growing Tips for AROMANCE®

- Provide high light levels in production.
- Feed with 150-200ppm N.
- Good water management practices are critical to healthy plant growth.
- A 500pm application of Florel is effective at increasing branching. It can also be used to schedule flowering; flowers will appear 4 weeks after application.
- In growing group AA (see page 141).

Notes: Removing buds and flowers at transplant isn't necessary but can be beneficial. Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant. Pinch liners 1-2 weeks after transplant if needed. A 5ppm application of Sumagic® and cold temperatures can be used to control growth.

AWARD WINNER - AROMANCE® Pink Nemesia

20 Awards including: Perfect Score All Season, Oregon State University; Best Nemesia, Penn State; Leader of the Pack, JC Raulston Arboretum



AROMANCE® Pink Nemesia fruticans 'INNEMAROPI' USPP32656 CanPBRAF

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Highly recommended alternatives to I. walleriana, New Guinea Impatiens have a similar look but with larger, more brilliantly colored blooms that appear from spring through summer without deadheading. All are incredibly versatile, thriving in monoculture and combination containers as well as in landscapes. They are ideal for 4.25 Grande™ and 1.0 Royale™ container production.

AWARD WINNERS -

INFINITY® New Guinea Impatiens

90 Awards including: Excellent Rating, Disney Trials; One of the Best, Penn State; Top Performer, University of Illinois; Top Performer, Colorado State University

Growing Tips for INFINITY®

- Preventive fungicides are recommended one week after transplant.
- Sensitive to high-soluble salts; use 100-150 ppm fertilizer.
- Light shade is optimal for best growth.
- Aggressive scouting and treatment program for thrips are recommended for INSV control. Do not use Medallion® due to severe PGR effect on NGIs.
- Be sure not to overwater while plants are still rooting to the container edge.
- Growing at too cool of a temperature can cause purpling of the foliage and the stunting of growth.
- Yellow foliage is caused by drying the plant down past wilt stage.
- In growing group CC (see page 141).

Notes: No pinching recommended. These varieties are bred to branch well plant habit. No growth regulators recommended or needed. Winter flowering





INFINITY® Blushing Crimson



Impatiens hawkerii "





Impatiens hawkerii *** USPPAF CanPBRAF



Impatiens hawkerii "*** USPPAF CanPBRAF





Impatiens hawkerii 'Visinpink' USPP16419



Impatiens hawkerii 'Vinfsalbis' USPP23277



INFINITY® Salmon



Impatiens hawkerii "Visinfsalimp" USPP20971 Collection Top Seller

INFINITY® Red Impatiens hawkerii 'Vinfsalbis' USPP23277



INFINITY® Lavender Impatiens hawkerii *** USPPAF CanPBRAF

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GOLDDUST® Mecardonia



(2-5") Vigor: 2

This true yellow mecardonia flowers 6 weeks earlier than others. GoldDust's blooms are significantly smaller but far more plentiful than other mecardonia. This beauty loves the heat.

Growing Tips for GOLDDUST®

- Requires high light in production.
- 150-200 ppm fertilizer for optimal growth.
- Proper water management is critical.
- In growing group CB (see page 141).

Notes: No pinch necessary. For hanging baskets and containers larger than 6", trim around container edge just prior to hanging.

AWARD WINNER - GOLDDUST® Mecardonia

58 Awards including: Excellent Rating, Disney Trials; Top Performer, University of Wisconsin; Gardener's Choice, University of Florida; Top Performer, The Oregon Garden; Top Performer, Cornell University



GOLDDUST® Mecardonia 'USmeca8205' USPP22871 Can4383



BRIGHT LIGHTS™ Pink Osteospermum 'INOSTEPINK' USPP30834 CanPBRAF



BRIGHT LIGHTS™ Yellow Osteospermum 'INOSTYELOW' USPP29021 Can6044

BRIGHT LIGHTS Osteospermum ANDSCAPE OCT20-30cm (8-12") Vigor: 2

Selected for their nestled branching and fuller, uniform habit that doesn't open up, these are some of the easiest Osteospermum to produce. Dual cold and heat tolerance results in a long sales window from spring into fall and through the winter in sunbelt states.

AWARD WINNERS - BRIGHT LIGHTS™ Osteospermum

81 Awards including: Top Performer, Jardin Daniel A. Seguin; Top Performer, Penn State; Top Performer, University of Guelph; Top Performer, University Laval; Visitor's Choice, Missouri Botanic Garden

Growing Tips for BRIGHT LIGHTS™

- Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant.
- Good air circulation, control of humidity, and good sanitation are critical to crop success.
- Cooler temperatures and high light in production are essential for spring bud set and branching.
- Use 150-200 ppm fertilizer.
- In growing group AB (see page 141).



CHARMED® Wine

Oxalis regnellii



Here's a plant you can grow and sell in multiple displays including St. Patrick's Day, shade collections and as an indoor plant for sunny windowsills. Violet purple, shamrock-shaped leaves form a restrained mound topped with pale pink flowers all season. Easy to mix with other low to medium vigor plants in window boxes and patio pots, and looks great in 4.25 Grande™ containers.

Growing Tips for CHARMED® Wine

- Prefers warmer production temperatures.
- Warm and slightly dry conditions after transplanting speeds root in and growth.
- Light shade is best for optimal growth.
- Shear back if petioles become too long due to low light conditions.
- Use 150-200 ppm fertilizer for optimal growth.
- In growing group BB (see page 141).

Notes: To schedule for St. Patrick's Day, plan on a 4-6 week crop, and supplemental lighting may be needed to keep plant compact for Northern growers. Pinching not needed. PGRs not needed.

AWARD WINNER - CHARMED® Wine Oxalis

2 Awards: Arboretum Approved, Dallas Arboretum: Best of Species, Penn State



CHARMED® Wine Oxalis regnellii 'JROXBURWI' USPP17557 Can2949



BOLDLY® Lavender Rose Pelargonium 'PE0Z0002' USPP23404 Can4632



BOLDLY® Dark Red Pelargonium 'Amri Trared' USPP20245 Can3728

BOLDLY® Pelargonium LANDSCAPE \$ 00 125-30cm (10-12") Vigor: 3

BOLDLY® Coral *Pelargonium* 'PZ305' USPPAF CanPBRAF

BOLDLY® White Pelargonium 'PZ344' USPPAF CanPBRAF

and exceptional heat tolerance.

Improved this year.

Geraniums are a consumer favorite, offering bold beauty and

exhibit more zonal than ivy traits, with a mounded trailing habit

A bold color addition to the series, bearing large clusters of glowing

hot coral red blossoms on mounded trailing plants. New this year.

A useful color addition to the series, bearing large clusters of pure

BOLDLY® Hot Pink Improved Pelargonium 'PZ533' USPPAF CanPBRAF

An improved variety offering brighter pink flowers, greater

color coverage, improved vigor and a better branched habit.

white blossoms on mounded trailing plants. New this year.





Growing Tips for BOLDLY®

strong garden performance. The Boldly series includes interspecific • 200-250 ppm fertilizer for optimal growth. varieties that are a cross between zonal and ivy geraniums. They • Requires high light in production.

- Pinching should not be necessary. Apply Cycocel at 750 to 1,000 ppm as needed.
- Apply 350 ppm of Florel[®] once or twice. First application should be applied 10 to 14 days after transplant. Repeat 5 to 8 days later, if desired. Applications should be stopped 6 to 7 weeks before desired sell date.
- Geraniums are sensitive to iron and magnesium toxicity; soil pH maintained above 6.0 will limit problems.
- In growing group BC (see page 141).

Notes: Treat with preventative broad-spectrum fungicidal drench one week after transplant. Scout crops regularly for disease development. Good air circulation, control of humidity, and good sanitation practices are critical.

AWARD WINNERS - BOLDLY® Pelargonium

84 Awards including: Top Performer, Kansas State; Plant of Merit, University of Georgia; Leader of the Pack, North Carolina State; Top Performer, University of Minnesota



79





Sunstar® represents a breakthrough line of genetics for Pentas that have retained their heat tolerance for Southern growers but are also now easier to produce in the North, even without supplemental lighting. Extra-large flower clusters nearly the size of hydrangea blossoms top the well-branched plants which fill 4.25 Grande™ containers fully.

Sunstar Pentas have excellent summer durability, powering through high heat and humidity, and make ideal bedding plants in the South. Since they are produced vegetatively, their flowering performance far exceeds that of seed Pentas

AWARD WINNERS - SUNSTAR® Pentas

99 Awards including: Perfect Score All Season, University of Tennessee; Top 10 for Summer, JC Raulston Arboretum; Top Performer, University of Minnesota

Growing Tips for SUNSTAR®

- Requires high light in production.
- Feed with 100-150ppm N. Calcium and nitrate-based fertilizers help maintain a pH above 6.2. Avoid ammoniabased and acidifying fertilizers in production.
- Peak blooming occurs under long days.
- Good air circulation, control of humidity, good water management practices and proper sanitation are critical to producing healthy plants.
- In growing group CC (see page 141).

Notes: Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant. PGR sprays can be used to control height. Use 2500-5000ppm B-Nine®, 750-1000ppm Cycocel® or 5-10ppm Bonzi®. Scout crop at least once per week for disease development.



SUPERTUNIA® Petunia









all Vigor: 3 except Giant Pink and Supertunia® Vistas: Vigor: 4

The Best Petunia. Period. For incredible color and season-long performance, choose Supertunia. Whether you're using them to create extraordinary hanging baskets, upright combos or in landscapes, you can expect an exceptional show of color from planting until frost. Supertunias are self-cleaning – no deadheading necessary – and grow with remarkable vigor, petal substance and disease resistance. You won't find a more outstanding petunia.

SUPERTUNIA® PRISCILLA® Improved Petunia *** USPPAF CanPBRAF This popular double-flowered Supertunia gets an upgrade this year including an earlier bloom time, a better branched habit, and more plentiful blossoms. Its purple flowers transition to silvery lavender with dark purple veining as they age. Improved this year.

SUPERTUNIA VISTA® JAZZBERRY™ *Petunia 'WNPESVJAZ' USPPAF CanPBRAF* Destined to become one of our top sellers! This welcome color addition to the series brings everything you love about Supertunia Vista® Paradise but with electric magenta purple flowers. The huge, upright mounded plants are blanketed in self-cleaning blooms all season as they fill vast expanses in the landscape. New this year.

Growing Tips for SUPERTUNIA®

- Requires high light in production.
- 250+ ppm fertilizer. Watch pH and EC levels.
- All "veined" petunias are more sensitive to cold. Keep above 50° F (10° C).
- Day-length neutral varieties need less PGRs. Cold temperatures also control growth.
- Yellow growth tips often indicate an iron shortage in response to too high pH.
- Black Cherry has above average vigor and flowers early. Grow as bright as possible, space plants well, provide good air movement and avoid high humidity. Grow cool with 65-68°F days and 55-60°F nights. Regular applications of PGRs will help to keep plants more compact and will hold them longer.
- In growing group AA (see page 141).

Notes: For all sizes of containers, pinch the liner 1–2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. 10-15 ppm Sumagic® spray or 1-3 ppm Bonzi® drench are effective at controlling growth. Apply as needed. Supertunia Trailing may require higher rates of PGRs.

AWARD WINNERS - SUPERTUNIA®

1783 Awards including: Top Performer, Missouri Botanical Garden; Exceptional Performer, University of Florida; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Outstanding Rating, Disney Trials; Plant of the Year, Metrolina; Best New Variety, Colorado State University; Top Performer, Oregon State University













Tandscape 15-30cm (6-12") Tandscape 2 all Vigor: 3 except Giant Pink and Supertunia® Vistas: Vigor: 4

Supertunia®



SUPERTUNIA® BERMUDA BEACH®
Petunia "Kerversalm" USPP19329



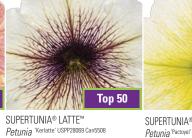


SUPERTUNIA® Blue Skies Petunia 'KL1117mut1' USPP30947 CanPBRAF



SUPERTUNIA® Giant Pink Petunia "USTUN153" USPP14856 Can1934









SUPERTUNIA® LIMONCELLO®
Petunia 'Pactoyel' USPP23282

SUPERTUNIA® LOVIE DOVIE™ Petunia 'BBTUN91601' USPP29663 Can6056



SUPERTUNIA® HONEY™

Petunia 'DCAS303' USPP26888 Utility Patent 7642436B:

SUPERTUNIA® PICASSO IN PURPLE® SUPERTUNIA® PRISCILLA® Improved Petunia® RASPBERRY RUSH™ SUPERTUNIA® Really Red Petunia® "USPPAF CanPBRAF" Petunia® "USPPAF C









SUPERTUNIA® ROYAL MAGENTA® SUPERTUNIA® ROYAL VELVET® Petunia 'INPETROYMA' USPP29811 Can6045



Petunia 'BBTUN10102' USPP32688 CanPBRAF



SUPERTUNIA® Sharon
Petunia 'BBTUN22503' USPPAF CanPBRAF



SUPERTUNIA® White Petunia 'KL 1117' USPP25485 Can4778

Supertunia Vista®



Petunia "USTINI6001" USPP17730 Can2871

Petunia 'BHTUN65301' USPP28457 Can5785



Petunia "WNPESVJAZ" USPPAF CanPBRAF



SUPERTUNIA VISTA® Paradise Petunia 'BBTUN98901' USPP30965 Can6294



SUPERTUNIA VISTA® Silverberry Petunia "USTUNI60-01" USPP20903 Can3866



SUPERTUNIA VISTA® SNOWDRIFT™ Petunia 'BBTUN04401' USPP32687 CanPBRAF

Supertunia® Trailing





SUPERTUNIA® Trailing Blue Veined Petunia Combue' USPP13543 Can1605 SUPERTUNIA® Trailing Rose Veined Petunia Combue' USPP13543 Can1605 SUPERTUNIA® Trailing Silver Petunia Combue' USPP17247 Can2594





SUPERTUNIA® Trailing Strawberry Pink Veined Petunia 'Constraw' USPP13539 Can1609

Supertunia Mini Vista®







SUPERTUNIA MINI VISTA® Hot Pink
Petunia "USTUNZ401M" USPP29664 Can6057
Petunia "USTUNZ401M" USPP29664 Can6057
Petunia "USTUNZ2401M" USPP29604 Can6057
Petunia "USTUNZ2401M" USPP28028 Can5517 Petunia 'USTUNJ2401' USPP28028 Can5517





SUPERTUNIA® Daybreak Charm Petunia 'USTUN69002' USPP27727 Can5514



Petunia 'USTUN34803' USPP22884 Can4352



SUPERTUNIA MINI VISTA® Sangria SUPERTUNIA MINI VISTA® Violet Star SUPERTUNIA MINI VISTA® White



SUPERTUNIA® Trailing Petunia Petunia 10-20cm (4-8") Y Vigor: 3

Supertunia Trailing petunias are the highlight of combination containers and hanging baskets. As the series name implies, these are strongly trailing plants that can reach an amazing six feet in length by season's end. They have smaller but extremely plentiful blooms and are later to flower, lasting well into fall. We recommend them



SUPERTUNIA MINI VISTA **Petunia** ** O T15-30cm (6-12") ** Vigor: 3

SUPERTUNIA® Trailing Strawberry Pink

For reliable, durable color in landscapes and containers, choose Supertunia Mini Vista. More compact and smaller flowered than standard Supertunia Vista petunias, they grow vigorously and bloom early, forming a dense blanket of color in landscapes. Their tightly













The best petunia for landscapes. Hands down.

Supertunia Vista varieties deliver an outstanding performance over the entire season, lasting an extra month in southern states and well into fall in moderate climates. They are bred to flower earlier, grow taller and wider, and grow more vigorously than other Supertunia. Vista Bubblegum has become a legend in its own time, and the other Vistas are well-matched too.



SUPERTUNIA® Petunia ANDSCAPE O 16-12" >>>>









SUPERTUNIA® Trailing Blue Veined Petunia and SUPERTUNIA® Trailing Rose Veined Petunia with DIAMOND FROST® Euphorbia

	Timing	Habit	Recommended Use	Sun-Shade Tolerance
Supertunia Vista®	All Season	Mounded Trailing Height: 30-61cm (12-24") Trailing: 91cm (36")	4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™, Hanging baskets, upright containers, best Supertunia® for landscape	Full sun Early to flower
Supertunia®	Early Season — Summer	Mounded Trailing Height: 15-30cm (6-12") Trailing: 76cm (30")	4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™, Hanging baskets, upright containers, landscape	More shade tolerant than others — easier under short days in small containers
Supertunia® Trailing	Mid Season – Summer	Trailing Height: 10-20cm (4-8") Trailing: 91cm (36")	4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™ Hanging baskets, upright containers, landscape	Best under long days as late crop, Full sun
Supertunia® Giant Pink	Mid Season	Mounded Trailing Height: 15-30cm (6-12") Trailing: 91cm (36")	4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™ from Supernova, hanging baskets, upright containers with other vigorous varieties, landscape	Best under long days as late crop, Full sun
Supertunia® Charm	Mid Season	Mounded Trailing Height: 15-30cm (6-12") Trailing: 61cm (24")	4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™ Hanging baskets, upright containers and mixed containers with other vigorous varieties	Best under long days Full sun
Supertunia Mini Vista®	Mid Season	Mounded Trailing Height: 15-30cm (6-12") Trailing: 61cm (24")	4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™ Hanging baskets, upright containers and mixed containers with other vigorous varieties, landscape	Best under long days Full sun

Supertunia Photoperiod Response

An independent trial conducted in a controlled environment revealed the following timing for Supertunia Petunia. It is applicable for growers worldwide.

Flowers best over 12 hours (Facultative Long-day Response)

Supertunia Vista® Fuchsia

Supertunia Vista® Bubblegum®

Supertunia Vista® Snowdrift™

Supertunia® Trailing Strawberry Pink Veined

Supertunia® Blue Skies

Supertunia® White

Supertunia® Bermuda Beach®

Supertunia® Daybreak Charm

Supertunia® Really Red

Supertunia® Royal Magenta®

Supertunia® Sharon

Supertunia Vista® Silverberry

Supertunia Mini Vista® Sangria

Supertunia® Limoncello®

Supertunia® Lovie Dovie™

Supertunia® Royal Velvet®

Supertunia® Priscilla® Improved

Supertunia Vista® Jazzberry™

Supertunia Mini Vista® Pink Star

Supertunia Mini Vista® White

Supertunia Vista® Paradise

Supertunia® Trailing Blue Veined

Supertunia® Trailing Rose Veined

Supertunia® Trailing Silver

Supertunia® Giant Pink

Supertunia® Honey™

Supertunia Mini Vista® Indigo

Supertunia® Latte™

Supertunia® Picasso in Purple®

Supertunia® Raspberry Rush™

Supertunia® Black Cherry®

Supertunia Mini Vista® Hot Pink

Supertunia Mini Vista® Violet Star

Supertunia® Bordeaux™

Top-selling Supertunia

Supertunia continue to be our most popular line of plants – here's how they rank in terms of liners sold in Canada.

Supertunia Vista® Bubblegum®

Supertunia® Bordeaux™

Supertunia® Royal Velvet®

Supertunia Vista® Fuchsia

Supertunia Vista® Silverberry

Supertunia® White

Supertunia® Royal Magenta®

Supertunia® Black Cherry®

Supertunia® Really Red

Supertunia® Raspberry Rush™

Supertunia Mini Vista® Pink Star

Supertunia Vista® Paradise

Supertunia Vista® Snowdrift™

Supertunia® Honey™

Supertunia® Latte™

Supertunia® Bermuda Beach®

Supertunia Mini Vista® Hot Pink

Supertunia® Limoncello®

Supertunia® Trailing Blue Veined

Supertunia® Lovie Dovie™

Supertunia Mini Vista® Violet Star

Supertunia Mini Vista® White

Supertunia Mini Vista® Indigo

Supertunia® Trailing Rose Veined

Supertunia® Blue Skies

Supertunia® Picasso in Purple®

Supertunia® Trailing Strawberry Pink Veined

Supertunia® Trailing Silver

Supertunia® Priscilla®

Supertunia® Giant Pink

Supertunia® Daybreak Charm

Supertunia Mini Vista® Sangria

Supertunia® Sharon





Capitalize on the succulent trend by offering these colorful flowering cultivars that bloom all summer without deadheading. Large, vivid blossoms that attract pollinators are held above the foliage on trailing stems. Use them in hanging baskets, upright containers and landscapes where they make a drought tolerant groundcover.

Growing Tips for MOJAVE®

- Grow on the dry side to help naturally control growth.
- 100-150 ppm fertilizer for optimum growth.
- Red leaf margins can indicate over-fertilization or extremely high light levels.
- When holding at cool temperatures, be sure to maintain temperatures no lower than 50°F to avoid leaf drop. Some red coloration on leaf margins may appear with cool temperatures. Under cool holding conditions, soil should be dry rather than moderate.
- In growing group BC (see page 141).

Collection Top Seller

Notes: Pinch at 1-2 weeks after transplant if needed. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Scout crops regularly (at least once a week) for disease development. Good air circulation, control of humidity, and good sanitation practices are critical.

AWARD WINNERS - MOJAVE® Portulaca

156 Awards including: Top Performer, Dallas Arboretum; Top Performer, Penn State; People's Pick, Texas A&M; Top Performer, Michigan State University; Top Performer, Missouri Botanic Garden











Heat, drought, and humidity tolerance, sweet fragrance, and rich colors have earned this series a stack of awards – and a special place in the hearts of gardeners everywhere. Intensia grow from early spring through autumn and are wonderful mid-height plants for your premium hanging baskets and containers.

Have You Had Trouble Growing Intensia?

Intensia prefers being dry, and normal greenhouse procedure is to never let the plant dry out. So a good rule of thumb with this plant is that when you think it's ready to be watered, wait a day.

AWARD WINNERS - INTENSIA® Phlox

78 Awards including: Top Pick, Dallas Arboretum; Superior Rating, Disney; Best of the Best, University of Georgia; Exceptional Performer, University of Florida; Best of Species, Penn State

Growing Tips for INTENSIA®

- Requires heat and high light for optimal growth.
- Order for mid-spring production.
- Proper air movement, water management, and good soil porosity are critical.
- Water lightly at planting. Grow warm until roots are established and then grow cool.
- 200-300 ppm fertilizer. When actively growing, increased fertilizer applications may be necessary.
- Can be finished for prime spring season in mixed containers. Mono baskets and small containers can be produced from mid-spring on, if grown properly.
- A preventative fungicidal drench should be done one week after transplant.
- In growing group AB (see page 141).





MACHU™ Morado

Ruellia simplex





Mexican petunias are classic landscape plants in warm climates but have a reputation for spreading where they aren't wanted. We've eliminated those worries with Machu™ Morado, a sterile, non-running selection. This denser, more compact selection won't flop, split open or seed itself around the garden. Its bright periwinkle purple flowers are larger than standard Ruellia. Thrives in heat, humidity and drought conditions. Sobkowich only

Growing Tips for MACHU™ Morado

- Prefers high light conditions
- Feed with 150–200 ppm N
- This is a warm weather plant. Warm temperatures are needed for production and garden performance.
- Avoid chilling the plant with air or water temperatures below 45°F
- In growing group CB (see page 141).

Notes: Scout this crop regularly and treat with preventative broad spectrum fungicidal drench two weeks after transplant. Pinch two weeks after transplant and a second time if building a specimen plant. Lower temperatures (down to 50°F) will slow plant growth and act as a natural growth regulator.

AWARD WINNER - MACHU™ Morado Ruellia

7 awards including: Top Performer, NC State; Top Performer, Texas A&M; Top Performer, Biltmore Estate

SUNBINI®

Sanvitalia procumbens







IANDSCAPE 50 15-30cm (6-12") Vigor: 2

This heat and drought tolerant annual has a similar application as Blue My Mind® Evolvulus in monoculture containers and low maintenance landscape plantings. It blooms freely without the need for deadheading or shaping the whole the season. This improved cultivar features 30% larger, golden yellow blossoms which are produced prolifically and are attractive to pollinating bees.

Growing Tips for SUNBINI®

- High light is essential.
- 100-150 ppm fertilizer for optimal growth.
- Production time decreases when light and temperatures are optimal.
- Grow lean, warm, and dry for best results.
- Do not use any fungicides containing Azole, such as Banrot® and Truban®, as they will stunt the plants.
- In growing group BB (see page 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. No PGRs needed. Plants are sensitive to Sumagic® but 2500 ppm B-9 is effective if needed.

AWARD WINNER - SUNBINI® Sanvitalia

15 Awards including: Top Performer, Michigan State: Top Performer. Penn State; Best Varieties, Colorado State University



UNPLUCTED® Salvia LANDSCAPE W OU Y W Vigor: 2

UNPLUGGED® Pink Salvia 'WNSVUPPK' USPPAF CanPBRAF

humidity with ease.

More compact than our Rockin'® salvias, these unique varieties are

scaled to pair with other medium vigor varieties in container recipes

and also deliver a stellar landscape performance. The flowers appear

prolifically on well-proportioned plants, tolerating summer heat and

Simply the most floriferous Salvia guaranitica hybrid we've ever

abundantly all season on this compact, upright plant that is about

is not as sensitive to overfeeding with Nitrogen and is easier for

high density production models. Use in hanging baskets

and upright containers paired with other medium

vigor, heat and humidity tolerant varieties.

A hummingbird magnet! New this year.

half the size of most Rockin' salvias. Growers will appreciate that it

trialed. Large, fuchsia pink flowers with dark calyxes appear











- Growing Tips for UNPLUGGED® Requires high light in production.
- Feed with 150-200ppm N. Using fertilizer high in ammonia can cause excessive vegetative growth and fewer flowers.
- Good water management practices are critical to healthy growth. Avoid overhead watering late in the day.
- Avoid saturated containers; grow slightly on the dry side.
- In growing group AB (see page 141).

Notes: A routine preventative fungicidal spray program is encouraged. This variety's compact early habit makes it perfect for smaller container production. Growth can be controlled using lower temperatures.

For Unplugged Pink only: Apply growth regulators as needed for height control; B-Nine® at 1,500 to 2,500 ppm should be effective.

AWARD WINNERS - UNPLUGGED® Salvia

45 Awards including: Perfect Score All Season, Iowa State: Perfect Score All Season, Disney; Top Performer-Pollinators, Ohio State University



SUNBINI® Sanvitalia procumbens 'DSANTALG' USPP32696 CanPBRAF

MACHU™ Morado Ruellia simplex 'R12-2-1' USPP28449













Gardeners are looking for plants to draw in pollinators and salvias work like a charm. Hummingbirds are highly attracted to the extralarge flowers of Rockin' Deep Purple and Fuchsia, while butterflies and bees enjoy Rockin' Playin' the Blues. Each member of this series is unique, but all share a refined habit and strong heat

Growing Tips for ROCKIN'®

• Requires high light in production.

impressive thrillers in large containers.

 Good air circulation and well-drained soil are important. Avoid saturated containers and grow slightly on the dry side.

tolerance. They are spectacular in the landscape and make

• 150-200 ppm N. Be careful to not overfertilize. Using fertilizer high in ammonia can cause excessive vegetative growth and lack of flowers.

- Grow in 4.25 Grande™ for early season sales and in 1.0 Royale™ containers for bigger impact.
- Long days are beneficial for flowering.
- In growing group AB. (see page 141).

Notes: A routine preventative broad spectrum fungicidal spray program is encouraged. Growth can be controlled using B-Nine® at 2500 to 3750 ppm or lower temperatures.

Notes for ROCKIN'® Blue Suede Shoes, Deep Purple and Fuchsia: Compact early habit is great for container production. Pinch at 1-2 weeks after transplant as needed.

AWARD WINNERS - ROCKIN'® Salvia

240 Awards including: Excellent Rating, University Laval; Top Performer, University of Guelph; Perfect Score All Season, University of Minnesota; People's Choice, University of Georgia



ROCKIN'® Deep Purple

76-102cm (30-40")

Salvia 'BBSAL09001' USPP30206 Can6082

LEMON CORAL®

Sedum mexicanum



LANDSCAPE 8-25cm (3-10") Zones 7-11 Vigor: 2

A tough as nails filler for hanging baskets, troughs, combination containers and landscapes, this beautifully textured succulent is very vigorous and drought tolerant. Its lime green to chartreuse foliage pairs well with other vigorous sun loving varieties.

Growing Tips for LEMON CORAL®

- High light levels are required in production.
- Grow in dry to lightly moist soil. Plants are heat and drought tolerant once established.
- 100-150 ppm fertilizer for optimum growth.
- Good air circulation, water management practices, control of humidity, and good sanitation practices
- In growing group BB (see page 141).

Notes: No pinching needed. Naturally forms a very dense mat of lime green foliage. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Scout crops regularly (at least once a week) for disease development.

AWARD WINNER - LEMON CORAL® Sedum

46 Awards including: Top Performer, Colorado State University; Best Drought Tolerant, Tennesee State University; Top Performer, Texas A&M



LEMON CORAL® Sedum mexicanum

ROCKIN'® BLUE SUEDE SHOES™ 76-102cm (30-40") ROCKIN'® PLAYIN' THE BLUES® Salvia longispicata x farinacea 'Balsalmispim' US29604

61-122cm (24-48")

Growing Tips for Scaevola

- Requires high light in production.
- 150-200 ppm fertilizer.

WHIRLWIND® STARLIGHT™

Scaevola aemula 'DSCAWINDST' USPF

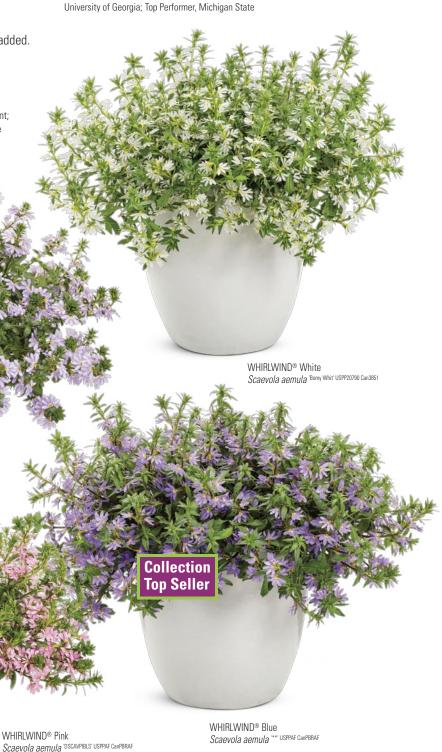
- Prefers warmer production temperatures.
- Australian plants prefer to have little or no phosphorous added.
- Sensitive to cold temperatures but makes a great spring and summer sales item.
- In growing group BA (see page 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. Sumagic® at 2-5 ppm has been effective at controlling growth.

AWARD WINNERS

WHIRLWIND® Scaevola

121 Awards including: Excellent Rating, Disney Trials; Best of the Best,



A-PILL® Thunbergia alata LANDSCAPE OF 152-244cm (5-8') Vigor: 4

Easier to handle than most rambunctious Thunbergias, these more restrained selections have an increased shelf life and sales window for growers and retailers. They are easy to recommend to customers looking to create a guick screen on patio trellises and chain link fences, and are excellent climbing components for combinations paired with other vigorous varieties. Requires a trellis in Royale™ containers.

Coconut A-PEEL® Thunbergia alata '**' USPPAF Canpbraf A color expansion for the series. Self-cleaning, creamy white flowers with a black eye appear prolifically on vigorous, well-branched plants that are especially a-peeling in containers at retail. New this year.

Growing Tips for A-PEEL®

- Prefers warmer production temperatures; avoid chilling.
- These plants are vigorous; monitor containers regularly to keep twining stems at bay.
- Do not use irrigation frequency to control plant size. Drying to the point of wilt will cause leaf burn and drop. Can be run a little dry but not to the point of wilt.
- Scout for spider mites and whiteflies, especially when held for long periods before sale.
- It is suggested that a 12-18" high trellis that attaches to the edge of the Royale (1 GL) container be used to provide climbing support and added value.
- 200-250 ppm fertilizer for optimal growth
- In growing group CB. (see page 141).

Notes: Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant. Pinch 7-10 days after transplant. An additional 1-2 pinches may be needed for larger pot sizes. B-Nine may be used at 1500-2500ppm two weeks after transplant. Bonzi is also effective. Check manufacturer label for approved rates and usage recommendations.

AWARD WINNERS - A-PEEL® Thunbergia

80 Awards including: Top Performer, University of Minnesota; Top Performer, University of Guelph; Best of Breed, NC State; Perfect Score All Season, Michigan State University



Orange A-PEEL® Thunbergia alata 'Orange Wonder' USPP14767

PW PROVEN WINNERS

Coconut A-PEEL® Thunbergia alata '**' USPPAF CanPBRAF

Growing Tips for CATALINA®

Catalina Torenia will make a colorful addition to your shade collection, as they thrive and bloom in any amount of sunlight. They make great fillers in combination containers and work well in landscapes too. An extra helping of heat tolerance and oversized blossoms add to their appeal.

and Containers, Kansas State University

AWARD WINNERS - CATALINA® Torenia 79 Awards including: Top Pick, Dallas Arboretum; Best Old Variety, University of Tennessee; Top Performer, University of Wisconsin; Top Performer In-Ground

• Light shade is best for optimal growth. 200 ppm fertilizer.

Application of Florel® delays flowering 8-10 weeks.

Prefers warmer production temperatures; cold,

Catalinas are best for 4" production.

wet conditions can slow growth.

In growing group CB (see page 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. Should not need PGRs, as they are naturally compact.



CATALINA® White Linen



CATALINA® GILDED GRAPE™ Torenia 'Dancat266' USPP20242 Can3904



CATALINA® Midnight Blue

Synonyms for Summer Wave varieties include fast, easy, and versatile. Great as groundcovers, fantastic in window boxes and hanging baskets, and the ideal choice as spillers in containers, their deep, dark flower colors look amazing against a background of silver or lime green foliage plants.

Growing Tips for SUMMER WAVE®

 Prefers warmer production temperatures; cold, wet conditions can slow growth.

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. 10-15 Sumagic® spray is effective on Summer Wave.

AWARD WINNERS - SUMMER WAVE® Torenia

23 Awards including: Exceptional Performer, University of Florida; Best of Species, Penn State; Top Performer, Missouri Botanic Garden



SUMMER WAVE® Large Violet



SUPERBENA® Verbena LANDSCAPE OF T15-30cm (6-12") Wigor: 3

Screened and selected for their robust vigor, large flower clusters and exceptional resistance to powdery mildew, you won't find better verbenas than Superbena. They present beautifully in 4.25 Grande™ containers, are essential components of dynamic container recipes, and make a colorful groundcover.

SUPERBENA® IMPERIAL BLUE™ Verbena 'WNVESBIB' USPPAF CanPBRAF An improvement to Superbena® Dark Blue featuring a much earlier bloom time, greater color coverage, and larger, deeper violet flowers that don't fade. Matches the top-selling Superbena® Violet Ice in flower size and habit. New this year.

AWARD WINNERS - SUPERBENA® Verbena

442 Awards including: Superior Rating, Penn State; Exceptional Performer, University of Florida; Superior Rating, Disney Trials; Top Performer, Colorado State University

Growing Tips for SUPERBENA®

- Upon planting, water in the liners without saturating the soil Allow the soil to stay relatively dry for the first 7-10 days to establish a strong root system..
- High light in production is essential.
- 150-200 ppm fertilizer.
- Preventive fungicides recommended one week after transplant.
- Low pH and severe dry down can cause iron toxicity if supplemental iron has been applied.
- The easiest Superbena to grow in smaller containers are the more compact Superbena Royale varieties.
- In growing group BB (see page 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for be used to control growth. Either a light spray of Sumagic® at 5 ppm or a 2-5 ppm



Superbena®



SUPERBENA® Coral Red



SUPERBENA® IMPERIAL BLUE™



SUPERBENA® Large Lilac Blue



SUPERBENA® Peachy Keen Verbena 'RIKAV36504' USPP29063 Can5786



SUPERBENA® Pink Shades Verbena 'USBENAL20' USPP14876 Can1829



SUPERBENA® Raspberry



SUPERBENA® Red Verbena 'RIKAV44101' USPP30962 Can6297



SUPERBENA® Scarlet Star Verbena 'RIKAV44501' USPP30898 Can6298



SUPERBENA® Stormburst Verbena 'RIKA18302M' USPP29640 CanPBRAF



SUPERBENA® Violet Ice Verbena 'RIKAV18302' USPP25396 Can4786



SUPERBENA® WHITEOUT™ Verbena 'RIKA1832M3' USPP30897 Can6301

Superbena Royale®



SUPERBENA ROYALE® Chambray Verbena 'AKIV571-1' USPP23051 Can4384



SUPERBENA ROYALE® Cherryburst Verbena 'AKIV28902M1' USPP27388



SUPERBENA ROYALE® Iced Cherry Verbena "INVEBROICH" USPP23218 Can4587



SUPERBENA ROYALE® Plum Wine Verbena 'RIKAV14704' USPP25395 Can4785

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Superbena Sparkling®



SUPERBENA ROYALE® Romance Verbena 'RIKAV38602' USPP29013 Can5787



SUPERBENA SPARKLING® Amethyst



SUPERBENA SPARKLING® Rosé

Top-Selling Superbena

Here's how they rank in terms of liners sold in Canada.

Superbena® Whiteout™

Superbena® Red

Superbena® Peachy Keen

Superbena Royale® Plum Wine

Superbena® Dark Blue

Superbena® Stormburst

Superbena Sparkling® Amethyst

Superbena Sparkling® Rosé

Superbena Royale® Iced Cherry

Superbena Royale® Chambray

Superbena® Coral Red

Superbena Royale® Cherryburst

Superbena Royale® Romance

Superbena® Raspberry

Superbena® Violet Ice

Superbena® Large Lilac Blue

Superbena® Pink Shades

Superbena® Scarlet Star

Verbena Photoperiod Response

An independent trial conducted in a controlled environment revealed the following timing for Verbena. It is applicable for growers worldwide.

Less than 12 hours (Day Neutral Response)

Superbena Royale® Plum Wine

Superbena® Imperial Blue™

Cake Pops™ Purple

Superbena Sparkling® Amethyst

Flowers best over 12 hours (Facultative Long-day Response)

Superbena Royale® Peachy Keen

Superbena Royale® Romance

Superbena® Red

Superbena® Scarlet Star

Superbena Sparkling® Rosé

Superbena® Pink Shades

Cake Pops[™] Pink

Needs more than 13 hours (Obligate Long-day Response)

Superbena® Whiteout™

Superbena® Raspberry

Superbena® Large Lilac Blue

Superbena Royale® Iced Cherry

Superbena® Coral Red

Superbena® Violet Ice

Superbena® Stormburst

Superbena Royale® Cherryburst

Superbena Royale® Chambray

METEOR SHOWER®

Verbena bonariensis







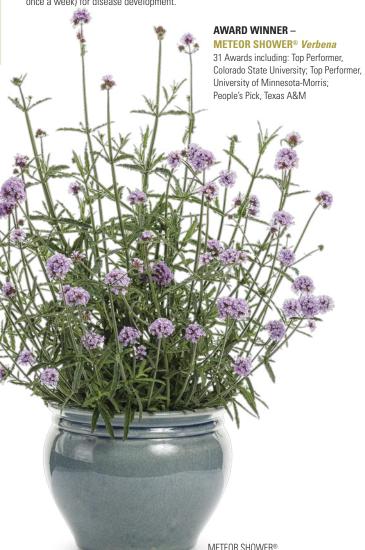


An updated look for the species, Meteor Shower® has a more compact, dense and vigorous growth habit which equates to more manageable and attractive plants as a flowering thriller in finished containers and massed in the landscape. And since the plants set little seed, it won't spread around the garden like most Verbenas of this type.

Growing Tips for METEOR SHOWER®

- High light levels are required in production.
- 150-200 ppm fertilizer for optimum growth
- Good air circulation, water management practices, control of humidity, and good sanitation practices are critical
- This plant sets little viable seed.
- In growing group BB (see page 141).

Notes: Pinch at 1-2 weeks after transplant if needed. To hold a crop for later delivery, an additional pinch or trim can be applied. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Scout crops regularly (at least once a week) for disease development.



CARE POPS Verbena rigida LANDSCAPE C 25-46cm (10-18") Vigor: 2

Introducing a new line of verbena that fills a need for drought tolerant, deer resistant, low maintenance plants used in municipal plantings and public gardens nationwide. This species is ideal for hot, humid climates since it won't cycle out of bloom in extreme heat. Semi-upright, spreading plants bear clusters of pastelcolored blossoms at the tips of each stem and attract pollinators all summer long.

Produces light pink flower clusters and blooms best under longer days. New this year.

CAKE POPS™ Purple *Verbena rigida* 'WNVECPPUR' USPPAF CanPBRAF Produces lavender purple flower clusters and is daylength neutral. New this year.

Growing Tips for CAKE POPS™

- High light levels are required in production.
- Good air circulation and water drainage are important; use well-drained growing media.
- Upon planting, water in the liners without saturating the soil. Allow the soil to stay relatively dry for the first 7-10 days to establish a strong root system.
- Feed with 150-200ppm N
- In growing group BB (see page 141).

Notes: Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant. Production trials using Configure® to finish have been very effective. Apply at 2400ppm two weeks after transplant. One week following that application, pinch plants to reduce internodal stretch. Two weeks after pinching, make a second application of Configure® at 2400ppm. Apply PGRs as needed to control height. Either a light spray of Sumagic® at 5ppm or a 1-2ppm drench of Bonzi® can



Verbena bonariensis 'INVEBPUTOW' USPP27722 Can5507