Proven Winners® Annual Collection



Windowbox: 'Sweet Caroline Light Green' Ipomoea batatas, Bluebird Nemesia fruticans hybrid, SOPRANO® Light Purple Osteospemum hybrid, and SUPERTUNIA® Royal Velvet Petunia hybrid Hanging basket: SUPERTUNIA® Royal Velvet Petunia hybrid and SNOWSTORM® GIANT SNOWFLAKE® Sutera hybrid
Lower left: GRACEFUL GRASSES® VERTIGO® Pennisetum purpureum

ARTIST Ageratum hybrids LANDSCAPE & O. [8-12"





These bountiful bloomers are sturdy, compact, and very heavily branched growers that have outstanding heat tolerance and add masses of brilliant color to beds and containers.

Growing Tips for ARTIST®

- Requires high light in production.
- Requires early growth regulator.
- Needs 200 ppm fertilizer for optimal growth.

Additional Culture Information for ARTIST®

pH/EC: 5.8 - 6.2 / .6 - .9 65-72°/65-72° Growing Temperature:

50-60° Holding Temperature:

Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Summer Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7;

for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Last to go outside

Pinching is not recommended. A light Sumagic® spray (2-5 ppm) or B-9 (2500-5000) has been shown to be effective on Ageratum. Growth can also be controlled using holding temperature. Winter flowering occurs in Sunbelt states.

AWARD WINNERS

ARTIST® Ageratum

79 Awards

Including: Excellent Rating, Disney; Best of the Best, University of Georgia; Best of Species, Penn State; Top Pick, Dallas Arboretum; Top Performer, Kansas State University

Find the list of awards for your favorite Proven Winners varieties at www.provenwinners.com.



Go to the Professionals link, click on "Growers," then "Plants/Culture," and then "Award-Winning Plants."







ANGELFACE Angelonia hybrids ANGELFACE Angelonia hybrids ANGELFACE Angelonia hybrids





Requires high light in production.

- Needs 150-200 ppm fertilizer for optimal growth.
- Warm and slightly dry conditions after transplanting speeds root-in and growth.
- Blue is more compact and 1-2 weeks earlier to flower than others in the series.

Additional Culture Information for ANGELFACE®

5.8 - 6.2 / .6 - .9 pH/EC: Growing Temperature: 65-72°/70-75° Holding Temperature: 60-65°

Water Requirements: Moderate to Moist

Planting and Timing: Late Spring through Summer

Finish. Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 5-7; for 6"/gallon,

7-8; for 8", 7-9; for 10-12", 10-14

Spring Outdoor Finish: Do not finish

outside

Notes:

Pinch 6" or larger pots at transplant for large plugs. 2 weeks after transplant for smaller pots. Florel® causes tip burn and distorted growth. Sumagic® is effective (2-5 ppm), but other growth regulators can delay flowering.

AWARD WINNERS

ANGELFACE® Angelonia

Including: Superior Rating, Disney; Top Performer, Ohio State; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Best of the Best, University of Georgia; Best Varieties, Penn State

Compatible to grow with in upright containers:

Diamond Frost® Illusion®







ANGELFACE® Wedgwood Blue Angelonia hybrid

ANGELFACE® Pink Angelonia hybrid "Anpinkim" USPPAF CanPB



SLIGHTLY STRAWBERRY

Anisodontea hybrid



<u>24-36</u>

This drought-tolerant annual shrub features deep pink Hibiscus-like flowers and silver green foliage. A vigorous grower, Slightly Strawberry likes even moisture but doesn't need lots of fertilizer. Blooms best in cool nights. Great in the landscape or as a centerpiece in mixed containers.

Growing Tips for SLIGHTLY STRAWBERRY™

- Requires high light for production.
- Prefers cool night temperatures.
- Pinch twice. First at liner planting and then 4-5 weeks later.

Additional Culture Information for SLIGHTLY STRAWBERRY™

pH/EC: 6 - 6.5/.6 - .9
Growing Temperature: 65-72°/65-72°
Holding Temperature: 40-50° outdoors
Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Summer

Finish. 1 liner per 6" pot; 1-3 liners per 8-10" pot.

Finish Time in Weeks: For 4-5", 4-6; for 6"/Gallon,

6-8; for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Do not finish outside

Notes:

Watch for aphids, whiteflies, and spider mites.

AWARD WINNER

SLIGHTLY STRAWBERRY *Anisodontea* Excellent Rating, University Laval



SLIGHTLY STRAWBERRY™ Anisodontea hybrid 'Nuanitainp' USPPAF

Attention Southern Growers...

Slightly Strawberry blooms best in regions of the country with cool nights. As a result, this plant will stop flowering in the summer in those areas of the southern U.S. where high humidity keeps night temperatures high. For best results, grow the plant in frost-free areas during the cooler months of the year when nature works to help prolong flowering.









Our Marguerites continue to set the standard for bloom production, heat tolerance, and versatility.

Growing Tips for Argyranthemum

- Requires high light in production.
- Needs 200 ppm fertilizer for optimal growth.
- Low light, tight spacing, and wet foliage will lead to disease.
- Prior to mid-March, a pinch may be beneficial on 4-5" pots. After mid-March, a pinch should not be necessary on 4-5".

 Transplant Argyranthemum liners first, then water in quickly after transplant.

Additional Culture Information for Argyranthemum

5.8 - 6.2 / .6 - .9 pH/EC: Growing Temperature: 65-72°/60-65° Holding Temperature: 40-50° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Spring through Summer Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 5-7; for 6"/gallon, 7-8;

for 8", 7-9; for 10-12", 10-14

Spring Outdoor Finish: First to go outside

Single plant 6" and gallons and all 8" and larger should be pinched once plants are actively growing. 5-10 ppm Sumagic® spray or a 1-3 ppm Bonzi® drench will help control growth. Winter flowering occurs in the Sunbelt states when grown under long days.

AWARD WINNER

BUTTERFLY Argyranthemum

Including: Excellent Rating, Massachusetts Horticultural Society; Best of Species, Penn State; Top Performer, Oklahoma State; Top Ten, Michigan State

AWARD WINNER

MOLIMBA® Helio White Argyranthemum

26 Awards

Including: Top Performer, Michigan State; Leader of the Pack, North Carolina State



GOLDILOCKS ROCKS®

Bidens hybrid







Constant summer flowering in a semi-double bloom makes Goldilocks Rocks spectacular, and its compact, trailing habit creates exceptional hanging baskets and combos. Excellent for small pot production but will reach a good size for consumers.

Peter's Gold Carpet

Bidens ferulifolia





Masses of large, sweetly scented flowers the color of antique gold make Peter's Gold Carpet a 24-karat choice for beds, hanging baskets, and combos.









Peter's Gold Carpet Bidens ferulifolia 'Goli

Growing Tips for Bidens

- Requires high light in production.
- Needs 150-200 ppm fertilizer for optimal growth.
- Goldilocks Rocks is much more compact than Peter's Gold Carpet.

Additional Culture Information for Bidens

pH/EC: 5.5 - 6.2 / .6 - .9 Growing Temperature: 65-72°/55-65° Holding Temperature: 40-50° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Fall Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7;

for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Second to go outside

Notes

For pots 6" and smaller, pinch at transplanting only. For hanging baskets and pots larger than 6," soft pinch at planting and trim around pot just prior to hanging. B-9 (5000 ppm) or Sumagic® (5-10 ppm) are effective on Peter's Gold Carpet. B-9 (2500 ppm) and Sumagic® (5 ppm) should be effective on Goldilocks Rocks.



SUNDAZE® Flame Bracteantha bracteata "Flobrafia" USPP16950 Can253



SUNDAZE® GOLDEN BEAUTY® Bracteantha bracteata

Bracteantha bracteata



10-14 10-14 10-14 10-14

The finest Strawflower series of all time, compact Sundaze varieties bloom early and are covered with flowers all season. Incredibly sun and heat tolerant.

Growing Tips for Sundaze®

- Requires high light in production.
- Needs no more than 150 ppm fertilizer for optimal growth.
- Run this plant lean and dry for best results.
- Water on flowers will prevent flower expansion, so water early in morning at retail to allow flowers to open for morning sales.

Additional Culture Information for Sundaze®

pH/EC: 5.5 - 6.2 / < .6 Growing Temperature: 65-72°/55-65° Holding Temperature: 40-50° outdoors Water Requirements: Dry to Moderate

Planting and Timing: Early Spring through Fall Finish. Standard Plants Per Pot. Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Last to go outside

No pinching needed for small pots; larger pots may need to be pinched. Sumagic® at 5-10 ppm is effective. Cool temperatures, high light, dry soil, and low feed will effectively control growth. Downy Mildew can be a problem, so preventative sprays are recommended. Increased air circulation and watering in the morning will also help control mildew. Winter flowering occurs in Sunbelt states.

AWARD WINNER

SUNDAZE® Bracteantha

16 Awards

Including: Best of Breed, North Carolina State; Consumer Preferred Variety, Ohio State

SUPERBELLS Calibrachoa hybrids October 1981







Superbells' superb color, heat tolerance, disease resistance, and large blooms make this series a star performer. With growth habits that range from the small and compact to the cascading, Superbells create endless possibilities in the landscape and in containers. In 2012, five exceptional varieties are added to the already strong Superbells line-up.

Growing Tips for SUPERBELLS®

- Preventive fungicides are recommended at transplant.
- Requires high light in production.
- Needs 200 ppm fertilizer for optimal growth.
- Keep pH between 5.5 and 5.8.
- Yellow tips are often an indicator of high pH.
- Blue has a tendency to stretch under low light conditions
- Red and Cherry Red are very responsive to PGRs, so lower rates should be used.
- Cold is a good natural growth regulator.
- Blue, Scarlet, Tequila Sunrise, Peach, and Dreamsicle have upright growth habits in lower light early production and may require extra pinching and PGR.

Additional Culture Information for SUPERBELLS®

pH/EC: 5.5 - 5.8 / .6 -.9 Growing Temperature: 65-72°/55-65° Holding Temperature: 40-50° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Fall Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7;

for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Second to go outside

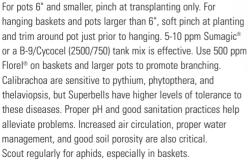
SUPERBELLS® Miss Lilac Calibrachoa hybrid

The abundant blush lilac flowers of this introduction are constantly in bloom. A great choice for baskets and containers, Miss Lilac has exceptional disease resistance. New this year.

SUPERBELLS® Cherry Star Calibrachoa hybrid

Cherry Star delivers the same great performance you've come to expect from Superbells in a unique bloom color and pattern. A stable yellow star radiates across the cherry pink petals. New this year.





Compatible to grow with:

Supertunia[®]

Superbena®









SUPERBELLS® Tequila Sunrise Improved Calibrachoa hybrid

This improved version is extremely easy to grow and has a superior growth habit. Teguila Sunrise features a vibrant mix of yellow, orange, and red flowers. New this year.

SUPERBELLS® Sweet Tart Calibrachoa hybrid

The mounding/trailing habit of Sweet Tart creates season-long cascades of soft pink flowers accented with a large lemon-yellow eye. New this year.



SUPERBELLS® Sweet Tart Calibrachoa hybrid

SUPERBELLS® Cherry Star Calibrachoa hybrid



SUPERBELLS® Cherry Blossom *Calibrachoa hybrid* SUPERBELLS® Pink *Calibrachoa hybrid*

SUPERBELLS® Cherry Red Calibrachoa hybrid

SUPERBELLS° Calibrachoa hybrids





SUPERBELLS® Peach Calibrachoa hybrid

SUPERBELLS® Saffron Calibrachoa hybrid SUPERBELLS® Yellow Chiffon Calibrachoa hybrid



SUPERBELLS® White Calibrachoa hybrid

SUPERBELLS® Grape Punch *Calibrachoa hybrid* Sweet Caroline Raven *Ipomoea batatas*

SUPERBELLS Calibrachoa hybrids



SUPERBELLS® Apricot Punch
Calibrachoa hybrid "USCALI413-8" USPP19843 Car3634



SUPERBELLS® Blue Calibrachoa hybrid "USCALI151" USPP14874 Can1931



SUPERBELLS® Cherry Blossom Calibrachoa hybrid ** USCALIZ12-1** USPP18421 Carg622



SUPERBELLS® Cherry Red Calibrachoa hybrid 'USCALI17' USPP15701 Can2205



SUPERBELLS® Cherry Star Calibrachoa hybrid "USCALS1001" USPPAF CanPBRA



SUPERBELLS® Dreamsicle
Calibrachoa hybrid USCALI411-7 USPP19492 Can3832



SUPERBELLS® Miss Lilac Calibrachoa hybrid "USCALBITSOZ" USPPAF Camperaf



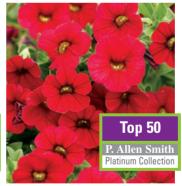
SUPERBELLS® Peach
Calibrachoa hybrid *USCALI671M* USPP17678 Can2870



SUPERBELLS® Pink
Calibrachoa hybrid "USCALI11" USPP14968 Can1927



SUPERBELLS® Plum Calibrachoa hybrid USCALI413-8' USPP17679 Can2889



SUPERBELLS® Red Calibrachoa hybrid "USCALIZB" USPP14847 Can1927



SUPERBELLS® Saffron Calibrachoa hybrid "USCALI413-4" USPP19493 Can3633



SUPERBELLS® Scarlet
Calibrachoa hybrid USCALI411-12' USPP19753 Can3932



SUPERBELLS® Sweet Tart
Calibrachoa hybrid *** USPPAF Carperaf



SUPERBELLS® White Calibrachoa hybrid "USCALI386-2" USPP19734 Can3630



SUPERBELLS® Yellow Calibrachoa hybrid "USCAL53002" USPP21,600 CamPBRAF



SUPERBELLS® Tequila Sunrise Improved Calibrachoa hybrid "USCALBEZOZY USPPAF Camperaf



SUPERBELLS® Tickled Pink
Calibrachoa hybrid "USCALIZZ3-1" USPP18432 Can3301



SUPERBELLS® Yellow Chiffon
Calibrachoa hybrid "USCALIADZ-1" USPP19480 Car363

Reduce pH in Hanging Baskets

Generally in cold, cloudy weather you want a Cal-Mag blend of fertilizer with high nitrate nitrogen, as this grows a better plant in winter conditions. Use a high ammonium nitrogen fertilizer to slowly lower media pH, but there is a catch. Under winter's low light and temperature conditions, high ammonium fertilizers can cause ammonium toxicity and cause the crop to grow too fast (meaning more PGRs will be required). Quick changes in pH usually cause additional problems. Other ways to reduce pH are to add more acid to your fertilizer injector and increase the overall acidity, but use care as you can also cause precipitation of some of the fertilizer elements if not handled properly.

Easiest Superbells to Grow

Propagators recommend the following Superbells varieties as easiest to grow in a 4.25 container:

Apricot Punch Cherry Blossom Coralberry Punch

Peach

Pink Red

Sweet Tart

White

Why Buy Superbells?

- Consumer favorites
- Huge sellers
- Range of vibrant color options
- Easy maintenance
- Superior performance

Superbells Timing Chart

There is a 6-week variance from earliest-flowering to latest-flowering varieties.

Early-Flowering Varieties

Superbells® Apricot Punch

Superbells® Grape Punch - NEW

Superbells® Cherry Star – NEW

Superbells® Dreamsicle

Superbells® Miss Lilac - NEW

Superbells® Scarlet

Superbells® Sweet Tart - NEW

Superbells® Saffron

Mid-Flowering Varieties

Superbells® Peach

Superbells® Trailing Lilac Mist

Superbells® Yellow

Superbells® Blue

Superbells® White

Superbells® Pink

Superbells® Tequila Sunrise Imp - NEW

Superbells® Trailing Light Blue

Superbells® Trailing White

Superbells® Cherry Blossom

Superbells® Plum

Superbells® Yellow Chiffon

Later-Flowering Varieties

Superbells® Blackberry Punch

Superbells® Cherry Red

Superbells® Coral

Superbells® Coralberry Punch

Superbells® Trailing Plum

Superbells® Trailing Blue

Superbells® Trailing Rose

Superbells® Red

Contact your propagator to discuss options using "programmed liners" to shorten flowering times.

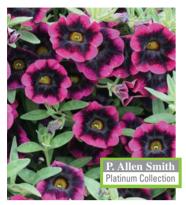
AWARD WINNER

SUPERBELLS® Calibrachoa

201 Awards

Including: Excellent Rating, Disney;
Superior Rating, Penn State; Best of the Best,
University of Georgia; Best Calibrachoa, Colorado
State; Leader of the Pack, North Carolina State

SUPERBELLS® Punch Calibrachoa hybrids



SUPERBELLS® Blackberry Punch Calibrachoa hybrid "USCALBBEON" USPPAF Canpbr



SUPERBELLS® Coralberry Punch Calibrachoa hybrid "USCALGESOI" USPPAF Campera



SUPERBELLS® Grape Punch Calibrachoa hybrid 'USCALBATOH' USPPAF CampBrA

No Calibrachoa has the visual impact of our Superbells Punch varieties. The velvet black eye adds an element of tapestry and drama to the bloom and gets the attention of consumers. The Punch series has the same extraordinary performance and growth habit of all Superbells with a truly unique color. SUPERBELLS® Grape Punch Calibrachoa hybrid The introduction of the two-tone Punch series of Superbells in 2011 was a big hit with growers and gardeners. Grape Punch is sure to add to that success with large grape blooms that feature a deep velvet throat and a yellow eye. New this year.

Compatible to grow with:

Supertunia®

Superbena®

Sweet Caroline









SUPERBELLS® Trailing Calibrachoa hybrids

Top Seller

SUPERBELLS® Trailing Blue Calibrachoa hybrid "Caltradabi" USPPAF Canz302



SUPERBELLS® Trailing Lilac Mist Calibrachoa hybrid KLECAOB165 USPPAF

Bright, Trailing Blooms

All Superbells plants will quickly and easily fill up a garden, but this collection of trailing beauties not only fill it up but fill it out too, with cascades of vibrant and unique bloom colors.



SUPERBELLS® Trailing Rose Calibrachoa hybrid Caltrapi Canz303



Calibrachoa hybrid

SUPERBELLS® Trailing White Calibrachoa hybrid **LECAG7108** USPP1947



FLAMBE Chrysocephalum apiculatum ANDSCAPE SO [8-14"





The unique blooms of this plant are truly enchanting, with small sprays of tiny spherical flower heads that appear in clusters in the spring and summer. An exceptionally adaptable plant, this sun lover has a spreading habit and is drought tolerant and easy to grow.

Growing Tips for FLAMBE®

- Requires high light in production.
- Needs 150-200 ppm fertilizer for optimal growth.
- Pinch once, two weeks after liner planting. May be cut back if desired.
- B-9 at 2500 ppm can help to control stretch under low light.

Additional Culture Information for FLAMBE®

6.0 - 6.5 / .6 - .9 pH/EC: Growing Temperature: 65-72°/65-72° Holding Temperature: 50-60° outdoors Water Requirements: Dry to Moderate Planting and Timing: Spring through

Fall Finish. Standard Plants Per Pot.

Finish Times in Weeks: For 4-5",

5-6: for

6"/gallon, 6-8; for 8", 8-10; for 10-12", 10-12

Spring Outdoor Finish: Do not finish outside

Notes:

Watch for aphids, leaf miners, and white flies. Can be susceptible to crown and stem rots if grown in cool, damp conditions. Maintain good air movement.

AWARD WINNER

FLAMBE® Chrysocephalum

65 Awards

Including: Excellent Rating, Massachusetts Horticultural Society; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Best of Breed, North Carolina State



Top Seller

Compatible to grow with:

Superbells®

Diamond Frost®

New Wonder®







SPIRIT Cleome hassleriana LANDSCAPE O [24-48]





This series offers a variety of colors in a traditional Cleome, also called a Spider Flower. The leaves have a silvery cast, and the delicate, feathery flowers add grace to the space. It is an outstanding series for garden performance with fantastic color from spring all through summer. A wonderful landscape plant in dry conditions.

Growing Tips for SPIRIT™ and Señorita Rosalita®

- Needs 300 ppm fertilizer for optimal growth.
- Take care not to overwater.
- Pinch once, two weeks after liner planting. A second pinch may be necessary for large containers.
- PGRs should not be necessary.
- Spirit and Senorita Rosalita should NOT have oedema problems.

Additional Culture Information for SPIRIT™ and Señorita Rosalita®

pH/EC: 5.8 - 6.2 / 1.0 - 2.0 Growing Temperature: 65-72°/65-72° Holding Temperature: 50-60° outdoors Water Requirements: Dry to Moderate

Planting and Timing: Mid-Spring through Summer Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 5-6; for 6"/gallon, 6-8;

for 8", 8-10; for 10-12", 10-12

AWARD WINNER

Spring Outdoor Finish: Do not finish outside



SPIRIT™ Appleblossom



SPIRIT™ Frost Cleome hassleriana 'Robspifro' USPP15994

AWARD WINNERS

SENORITA ROSALITA® SPIRIT™ Cleome

33 Awards Including: Leader of the Pack, North Carolina State; Gardeners Choice, National Arborteum; Top Performer,

Michigan State

Cleome 72 Awards

Including: Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin: Outstanding Rating, Disney Trials: Top Performer, Colorado State



SPIRIT™ Violeta Cleome hassleriana 'Robspivio' USPP15969

Cleome Comparison

VARIETY OR SERIES	DEADHEADING NEEDED?	Flower Color	Flower Size	FOLIAGE	STEMS	SEED/ STERILE	Foliage Odor	STICKINESS	OEDEMA RESISTANT?	Plant Height
Señorita Rosalita®	No	Deep lavender pink	Medium	Rich green, medium size	Thornless	Sterile	Scentless	Clean foliage	Yes	24-48"
Spirit™	Yes	White, pink, lavender, purple, deep pink	Large	Light green, large	Thorned	Seed produced	Odor	Sticky foliage	Yes	24-48"

Señorita Rosalita® Advantages:

Lush green foliage, ever-blooming with great heat and humidity tolerance as well as improved tolerance of cooler conditions.

Spirit™ Advantages:

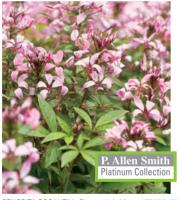
Huge masses of spider-like blooms, great for spring and early summer flowering. Very statuesque in the garden.



SEÑORITA ROSALITA® Cleome hybrid







SENORITA ROSALITA® Cleome hybrid Inncleosr' USPP19733 Can329

Lavish dark green foliage creates a dramatic backdrop for the vivid pink blooms. Señorita Rosalita distinguishes itself with its dark foliage and large flowers. Plus, it has minimal oedema issues and is a vigorous grower. It has a strong upright habit and flowers from the ground up, overgrowing old flower spikes. This variety requires high fertility to keep foliage at

its darkest. Best grown in 1.0 GL Royale™ and planted in the landscape.

Growers need to choose from one of two Proven Packages when ordering Señorita Rosalita.

When you order Señorita Rosalita liners, you must either:

- Order a Señorita Rosalita specific, 4-color 1.0 GL Royale container for each plant.
 OR
- 2. Order the traditional white Proven Winners branded container for each plant.

Orders for liners placed without orders for containers will not ship. Visit www.provenwinners.com for more information.



Proven Package Option #1

Proven Package Option #2

FLIRTATION and FLYING COLORS

Diascia hybrids

FLIRTATION®

Flirtation Orange and Pink have been guick to become consumer and industry favorites because of their vibrant color, sturdy, semi-trailing habit, and exceptional performance. With layers of flowers,

18-12



Diascia hybrid 'Indiaimpab' USPP20886 Can3863

AWARD WINNERS

FLYING COLORS® Diascia

68 Awards Including: Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Top Performer, Ohio State; Excellent Rating, Massachusetts Horticultural Society

FLIRTATION® Diascia

28 Awards

Including: Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Outstanding Rating, Disney Trials; Top Performer, Michigan State

Compatible to grow with:

Nemesias

Babvlon®







Growing Tips for FLIRTATION® and FLYING COLORS®

- Preventive fungicides are recommended at transplant.
- Grow cool with good air circulation once established.
- Requires high light in production.
- Needs 200 ppm fertilizer for optimal growth.
- Darker, smaller foliage varieties like Trailing Antique Rose and Red have greater heat tolerance.
- Be careful to not overwater and use a well-drained media.

Additional Culture Information for FLIRTATION® and FLYING COLORS®

5.8 - 6.2 / .6 - .9 pH/EC: Growing Temperature: 65-72°/55-65° Holding Temperature: 40-50° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Fall Finish. Standard Plants Per Pot. Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Second to go outside

For pots 6" and smaller, pinch at transplanting only. For hanging baskets and pots larger than 6", soft pinch at planting and trim around pot just prior to hanging. 3-10 ppm Sumagic® is effective. Winter flowering occurs in Sunbelt states.



DIAMOND FROST Euphorbia hybrid LANDSCAPE OF 10-14"







A True Original

The buzz about Diamond Frost continues years after its introduction. That's because everything about this near-perfect variety makes it a winner – from its exceptional heat and drought tolerance to its nonstop clouds of airy white blooms. Diamond Frost is an exceptionally versatile plant because of its texture, color, and performance. It lights up the landscape

when planted in mass, creates stunning containers all on its own, or provides just the right accent when combined with one, two, three, or more other Proven Winners varieties.

Growing Tips for DIAMOND FROST®

- High light is required in production.
- Needs 200 ppm fertilizer for optimal growth.
- Preventive fungicides are recommended at transplant.
- Warm and slightly dry conditions after transplanting speeds root-in and growth.
- Can have an adverse reaction to shipping in a box, but even plants that look bad will rebound in a short time.
- Severe dry down can cause foliage to drop; however, the plant will recover.
- Benefits from a light shearing 2-3 weeks after transplanting.

Additional Culture Information for DIAMOND FROST®

pH/EC: 5.8 - 6.2 / .6 - .9 Growing Temperature: 65-72°/65-72° Holding Temperature: 50-60° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Summer Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7;

for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Do not finish outside

No pinch necessary, but plants can be pinched to shape. Winter flowering occurs in Sunbelt states. Very sensitive to Florel®.

AWARD WINNER

DIAMOND FROST® Euphorbia

146 Awards

Superbells[®]

Including: Rising Star, Dallas Arboretum; Best of the Best, University of Georgia; Superior Rating, Colorado State; Top Performer, Ohio State

Compatible to grow with:





Superbena®













SIMPLY SCENTSATIONAL®

Heliotropium hybrid







Simply Scentsational combines the beauty and sweet fragrance of a Heliotrope with the heat and drought tolerance and exceptional performance of a Lantana. Plus, it doesn't have the shipping and handling issues of traditional Heliotrope. Sweetly fragrant.

Growing Tips for SIMPLY SCENTSATIONAL®

- Requires high light for production.
- Needs 150-200 ppm fertilizer for optimal growth.
- Pinch once, two weeks after liner planting.
- Best suited for large pot production and landscape planting.
- This plant can be toxic. Do not ingest any parts of this plant.

Additional Culture Information for SIMPLY SCENTSATIONAL®

pH/EC: 6 - 6.5/.6 - .9
Growing Temperature: 65-72°/65-72°
Holding Temperature: 50-60° outdoors
Water Requirements: Moderate to Moist

Planting and Timing: Spring through Summer Finish.

Standard Plants Per Pot.

Finish Time in Weeks: For 4-5", 4-6; for 6"/Gallon, 6-8;

for 8", 8-10; for 10-12", 10-12

Spring Outdoor Finish: Last to go outside

Notes:

B-9 at 2,500 ppm or Sumagic® at 5 to 10 ppm will help control growth, if necessary. Watch for white flies. A preventative fungicide drench at planting will be helpful. In poor weather conditions, avoid wet soil and moisture on the foliage.

AWARD WINNER

SIMPLY SCENTSATIONAL® *Heliotropium* 2 Awards

Including: Gardener's Choice, University of Florida; Consumer Favorite, Cornell University



SIMPLY SCENTSATIONAL® Heliotropium hybrid "USHTRP0303" USPP21681 Canpbraf

ROCKAPULCO impatiens walleriana LANDSCAPE OF TIO-16"









Rockapulco varieties feature unbeatable performance, plus the biggest, brightest, and most abundant flowers vou'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.

ROCKAPULCO® Coral Reef Impatiens walleriana

This new Rockapulco is the most floriferous yet. The bright coral pink blooms are vibrant, large, and rose-shaped, matching the rest of the series. Coral Reef also boasts excellent branching and exceptional performance. New this year.

Growing Tips for ROCKAPULCO®

- Needs 200 ppm fertilizer for optimal growth.
- Avoid high ammonium and phosphorous fertilizers and do not overwater.
- 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.
- Moderate drying of media will enhance flowering and control stretch. Too much drying can cause leaf scorch under high light.
- Leach periodically to keep salt levels in pot low.

Additional Culture Information for ROCKAPULCO®

pH/EC: 5.8 - 6.2/ .75 - .80 Growing Temperature: 68-74°/65-75° Holding Temperature: 50-60° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Fall Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 6-9; for 6"/gallon, 7-9;

for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Do not finish outside

No pinching needed. Watch for thrips.

AWARD WINNER

ROCKAPULCO® Impatiens

30 Awards Including: Leader of the Pack, North Carolina State; Prairie Star, Kansas State; Top Performer, Smithsonian



ROCKAPULCO® Coral Reef Imnatiens walleriana



ROCKAPULCO® Orchid Impatiens walleriana



ILLUSION pomoea batatas [8-10"]



The Sweet Potato Vine has become a gardener's favorite because of the variety it adds in color and form. Proven Winners offers two exceptional series of Sweet Potato Vines: Illusion, which we introduced in 2010, and Sweet Caroline, a long-time consumer favorite in three different series that now have the power of the Proven Winners brand behind them.



The texture of Illusion is unique in the industry, with very compact, dense, lacy, dissected foliage. Plus, its controlled growth habit means it won't overpower the garden. Illusions are ideal for small pot production, summer gallons, and mixed containers.

They are showy plants that will behave themselves on the retail bench.

Growing Tips for ILLUSION® and **Sweet Caroline**

- Needs 200-250 ppm fertilizer for optimal growth.
- Keep air circulation up and foliage dry. Prolonged wet foliage may lead to bacterial leaf spotting.
- Use 2500 ppm of B-9 to maintain shape on 4.5".

Additional Culture Information for ILLUSION® and Sweet Caroline

pH/EC: 6.0 - 6.5/ .6 - .9 Growing Temperature: 65-72°/65-72°

Holding Temperature: 50-60° outdoors Water Requirements: Moderate to Moist

Spring to Summer Finish. Planting and Timing: Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Last to go outside

For Illusions, no pinch is necessary. For Sweet Caroline varieties, pinch once, 2 weeks after liner planting. PGRs are not necessary.

AWARD WINNER

ILLUSION® Ipomoea batatas

53 Awards

Including: Top Performer, Oklahoma State; Leader of the Pack, North Carolina State; Outstanding Rating, Disney Trials

ILLUSION® Garnet Lace *Ipomoea batatas*

The third addition to the Illusion series has the same compact growth habit and dense branching of Midnight Lace and Emerald Lace. Garnet Lace rounds out the color palette, adding a vibrant garnet red, lacy leaf form to the already popular series. New this year.











Sweet Carolines are now Proven Winners. With 9 beautiful varieties in 3 distinct series, this already popular plant has gained even greater notoriety with the Proven Winners name behind it. All are heat and humidity tolerant and grow vigorously across the U.S. and Canada, although the farther south you go the faster Sweet Carolines grow. The Sweet Caroline series is the least compact but has the widest color palette and finger-shaped leaves.

Sweet Caroline Bewitched Improved Ipomoea batatas The improved foliage texture and richer, darker color of

this perfect autumn plant makes it an eye-catching jewel in baskets, containers, and the landscape. New this year.

Sweet Caroline Raven *Ipomoea batatas*

With rich, dark purple-black foliage, Raven is breathtaking alone and also makes a great addition to any combination planting. New this year.

AWARD WINNER

SWEET CAROLINE Ipomoea batatas

72 Awards Including: Leader of the Pack, North Carolina State; Prairie Star. Kansas State: Best Varieties, Penn State



P. Allen Smith Platinum Collection

NEW



NEW

Compatible to grow with:

Snow Princess®

Supertunia®







SWEET CAROLINE Ipomoea batatas



'Sweet Caroline Sweetheart Red' Ipomoea batatas USPP19013 Can2904



Ipomoea Comparison Chart

Series name	Variety names	Distinguishing characteristics	Breeding goal	Colors in line	Compact habit – relative to others	Branching relative to others	Flowering	Leaf type	PGR require- ments
Proven Winners® Illusion®	Emerald Lace Garnet Lace Midnight Lace	Dissected foliage for new texture; compact habit	Same as Sweet Carolines	Light green, purple	Compact habit	High	No – rarely, when under stress	Dissected	Usually not needed
Proven Winners® Sweet Caroline Bewitched	Bewitched Improved	Compact mounding but not trailing habit; more upright initially; serrated leaf margin	One-off for upright plant habit and serrated leaf	Purple	Most compact habit	Low	Occasionally under short days, low light	Serrated margin	Not needed
Proven Winners® Sweet Caroline Sweetheart	Light Green Purple Red	Enhanced branching over Sweet Caroline series; different texture with heart- shaped leaves	Same as Sweet Carolines	Light green, purple, red	Moderately compact habit	Low- medium	No	Entire, cordate	May be needed for holding plants and small pot sizes
Proven Winners® Sweet Caroline	Bronze Green Yellow Light Green Raven Red	Enhanced branching and reduced stem elongation over free varieties	Bred for reduced internode size, better branching and reduced storage root formation; novel colors	Dark green, light green, variegated dark green, purple, bronze, red	Trailing habit	Medium	No. Bronze, Purple and occasionally Red when under stress	Deeply lobed	May be needed for holding plants and small pot sizes

LUSCIOUS Lantana hybrids ANDSCAPE TO







This series adds vibrancy, flower power, and exceptional performance to the continuous blooming that Lantanas are known for. The impressive guartet will win you over with their bright colors and heat and drought tolerance. These exceptionally vigorous growers are butterfly and hummingbird magnets and require no deadheading. Day-length neutral.

Growing Tips for LUSCIOUS® Lantana

- Needs 200 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.

Additional Notes for LUSCIOUS® Grape Lantana

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 others in the series and can be shortened by increasing the number of liners per pot.

Additional Culture Information for LUSCIOUS® Lantana

pH/EC: 5.8 - 6.2/ .60 - 1.50 Growing Temperature: 65-72°/70-75° Holding Temperature: 50-60° outdoors Water Requirements: Moderate to Moist

Spring through Summer Finish. Planting and Timing:

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Do not finish outside

Notes:

Pinch at liner planting and pinch to shape as needed, PGRs should not be needed. Winter flowering occurs in Sunbelt states.

LUSCIOUS® Lantana Heights

Citrus Blend™ 24-30" 10-14" Grape Lemonade 10-14" Tropical Fruit™ 8-24"

AWARD WINNER

LUSCIOUS® Lantana

41 Awards

Including: Top Performer, Michigan State; Leader of the Pack, North Carolina State; Top Pick, Missouri Botanic Garden; Outstanding Rating, Disney Trials

Compatible to grow with:

Superbells®

Diamond Frost®

Illusion®









Lantana hybrid "R



LUCIA and LAGUNA Lobelia hybrids ANDSCAPE OF TR-12" Y











Laguna are hanging basket favorites that also perform well in landscapes and mixed containers. If you want a compact, weather-resistant, heat-tolerant plant that retains its shape and color all season, this is it.



Growing Tips for LUCIA® and LAGUNA™

- Preventive fungicides are recommended at transplant.
- 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.

Additional Culture Information for LUCIA® and LAGUNA™

pH/EC: 5.8 - 6.2 / .6 - .9 Growing Temperature: 65-72°/65-72° Holding Temperature: 40-50° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Spring through Summer Finish. Standard Plants Per Pot. Finish Times in Weeks: For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Second to go outside

For pots 6" and smaller, pinch at transplanting only. For hanging baskets and pots larger than 6", soft pinch at planting and trim around pot just prior to hanging. 5-10 ppm Sumagic® spray is effective, if needed.

AWARD WINNERS

LAGUNA™ Lobelia

38 Awards

Including: Best of the Best, University of Georgia; Best of Species, Penn State: Leader of the Pack, North Carolina State

LUCIA® Lobelia

11 Awards

Including: Gold Medal, University of Illinois Master Gardeners; Top Performer, Longwood Gardens



Compatible to grow with:



SNOW PRINCESS[®] Lobularia hybrid







If there's one plant that should be on everyone's list, it's Snow Princess, a unique breakthrough in the genus for heat tolerance and extended season performance. This sterile Lobularia is extremely vigorous, and because it puts no energy into setting seed it has an incredibly long bloom time. In fact, in trials in Florida, Snow Princess displayed mounds of fragrant white blooms from January through July. Creates a great hanging basket or window box and is a perfect filler in combination.

Growing Tips for SNOW PRINCESS®

- Requires high light in production.
- Don't grow over plants that are sensitive to petal drop as Snow Princess can shed.
- Grow cool for best results, but growing too cold can cause purpling of the foliage
- Very fast and vigorous grower.

Additional Culture Information for SNOW PRINCESS®

6.0 - 6.5 / .6 - .9 pH/EC: Growing Temperature: 65-72°/55-65° Holding Temperature: 50-60° outdoors Water Requirements: Moderate to Moist

Planting and Timing: Early Spring through Fall Finish.

Standard Plants Per Pot.

Finish Times in Weeks: For 4-5", 3-5; for 6"/gallon, 5-7;

for 8", 7-9; for 10-12", 10-12

Spring Outdoor Finish: Second to go outside

Liners should be pinched when received; give a second pinch 2 weeks after transplant. 3-5 ppm of Sumagic® will help control growth.

AWARD WINNERS

SNOW PRINCESS® Lobularia

57 Awards

Including: Superior Rating, Colorado State; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Plant of the Month, Dallas Arboretum; Outstanding Rating, Disney Trials

Compatible to grow with:

Sweet Caroline

Supertunia®

Superbena®







