The 2026 Collection







Safari® Dusk - 2026 Annual of the Year®

Thanks to advanced breeding, this *Sutera* relative is easy to produce, forming full, healthy pots for growers. Facing the challenges of heat, humidity, heavy rain and wind with ease, it produces glitzy purple blooms continuously without cycling. The applications in upright and hanging basket recipes are endless.

History shows that our National Plants of the Year™ program yields stronger sales not just in the year of designation but also for several subsequent years. A special callout on the tags of current and past award winners helps consumers wanting to repeat their gardening success with these outstanding plants.



- 3 COLORBLAZE® NEWLY NOIR™ Coleus 'G18152' USPP34111 Can6960
- 4 AUGUSTA® Lavender Heliotropium WNHPAULAV USPP34004 CanPBRAF

- 3 SUPERTUNIA® HOOPLA® VIVID ORCHID™ Petunia 'dpetpw1782' usppaf canpbraf
- 4 ROCKIN'® Deep Purple Salvia "WNSVRDP23" USPP35964 CanPBRAF

Supertunia Hoopla Vivid Orchid – 2026 Petunia of the Year

This head-turning petunia is quite simply the best picotee patterned cultivar we've ever trialed, earning our very first Petunia of the Year designation. It's vigorous, floriferous and self-cleaning, blooming non-stop from spring to frost with vivid orchid purple, white-rimmed flowers. Try it and you'll see what all the hoopla is about!



Señorita Rosalita®-2026 Landscape Annual of the Year®

When something is this good for so long, it's worth celebrating. For over a decade, Senorita Rosalita has set the industry standard for cleome. Thornless, seedless, non-sticky, with minimal oedema issues and non-stop blooms all season, its easy for growers and gardeners to have success with this beauty.



Clockwise from top left: SEÑORITA ROSALITA® *Cleome* 'Inncleosr' USPP19733 Can3290 with Sweet Caroline RAVEN™ *Ipomoea*, SUPERTUNIA® BLACK CHERRY® *Petunia* and LEMON CORAL® *Sedum*; SEÑORITA ROSALITA® *Cleome* with SWEET Caroline RAVEN™ *Ipomoea*; SEÑORITA ROSALITA® *Cleome* with SUPERTUNIA® BORDEAUX™ *Petunia*; SEÑORITA ROSALITA® *Cleome*

The New 2026 National Recipes

Packed with our top-selling, most distinctive varieties, our National Recipes of the Year™ for sun and shade have been proven in trials to work. We'll take care of driving consumer demand while you watch them fly out of inventory.







New Arrivals



New Arrivals for 2026 Start your checklist and Exceptional Annuals from reserve your favorite new varieties for 2026 sales today! Proven Winners MAESTRO® Coral Agastache 'G19131' USPPAF CanPBRAF MAESTRO® Gold Agastache SUREFIRE CASCADE™ Red Begonia CAMPFIRE® Red Ember Bidens ferulifolia 'DPWBIDCAPR' USPPAF CanPBRAF







New Arrivals for 2026



Top 50 Best Sellers



TOP 50 Best-Selling Proven Winners Annuals in Canada **



Start your checklist and reserve your favorite best-selling annual varieties. 1 SUPERTUNIA VISTA® BUBBLEGUM® Petunia DIAMOND FROST® Euphorbia SUPERTUNIA® ROYAL VELVET® GRACEFUL GRASSES® PRINCE TUT™ Cyperus SUPERTUNIA VISTA® JAZZBERRY® Petunia









TOP 50 Best-Selling Proven Winners Annuals in Canada **





Canadian Marketing



Only One Brand Invests This Much in Your Success

Proven Winners is committed to helping Canadian growers and retailers be successful with our brand. Every day, we're reaching out to consumers to build brand exposure through our multi-channel marketing campaigns. Here are some of the many ways we are reaching them from every angle.

CANADIAN MARKETING EFFORTS

Grown in Canada Messaging

Perhaps more than ever before, Canadian consumers are seeking reassurance that their hard-earned dollars are going towards local, often family-owned, Canadian businesses in their communities. To help you share your story with them, we've amassed a bevy of resources about how Proven Winners are grown in Canada. See p. 26 to learn more about these tools you can start putting to good use today.





Outdoor Advertising

Location-specific creative tailored to local audiences is a key aspect of driving consumer demand. This year, millions of consumers in the top 18 Canadian markets will see 34 billboards that proudly display the Grown in Canada message in English and French. All are displayed during the peak selling season to maximize their effectiveness. Learn more on p. 22.



Print and Digital Advertising

In 2025, Canadian consumers will see Proven Winners advertising in *Canada's Local Gardener* newsletter along with an article about how Proven Winners plants are bred, trialed and chosen for market. Digital banner ads are also running on their website, **localgardener.net**, during peak season for retail. Additionally, we continue to invest in Google Display Retargeting, Facebook, Instagram and Pinterest ads to reach consumers online all season.



Local Gardener

Online and Social Media Presence

Proven Winners' online presence is vast and dynamic, interacting with over a million Canadian consumers annually across our social channels and websites. We are motivating shoppers daily to visit their local garden centres through social media and provenwinners.com, beauty.provenwinners.com and gardendesign.com.

Together with our brand ambassadors, we are reaching consumers where they spend the most time online — Facebook, Instagram, YouTube, Pinterest and TikTok. Here's a snapshot of the Canadian followers on Proven Winners' social channels.





Facebook Page 94,000 Canadian followers



Facebook Group 11,800 Canadian members



Instagram 28,000 Canadian followers



YouTube 4,000 Canadian subscribers



Pinterest 4,700 Canadian followers



TikTok 3,000 Canadian followers

LOCAL MARKETING EFFORTS

Independent grower-retailers and garden centres have an exclusive opportunity to market their business locally through Proven Winners' Connect+ Marketing Subscription Service. It aims to make retailers' lives easier by putting the power of the Proven Winners brand to work for their business. IGCs can subscribe to the Connect+ service level that best fits their needs, from our free plan to paid tiers, and the benefits will start to roll in. Our dedicated Connect+ team is available to walk retailers through the service and ensure they maximize their subscription benefits.



Botanix Garden Centres, Quebec

PROVEN CONNECT+

EXCLUSIVE MARKETING SOLUTIONS FOR IGCS

In 2025, 55 Canadian retailers took advantage of our Connect+ marketing services including the 20 paid subscribers listed below. Learn more about how Connect+ can help your business grow at provenwinners.com/connect-plus.

Canadian Connect+ Paid Subscribers

Art Knapp — Kamloops Blomidon Nurseries Ego's Nurseries Ltd Ferragine Greenhouses Garden of Eden Greenhouse & Gifts Hunniford Gardens King's Flower and Garden

Laporte's Nursery & Greenhouses Inc.

Minter Country Garden Morris Flowers Garden Centre Peanut Centre Nursery, Inc.

Patio Gardens

Peter Knippel Nursery, Inc.
Prairie Rose Greenhouse
Ridgeview Garden Centre
Riverdene Garden Centre
St. Jacobs Country Gardens

van der Meer Greenhouses & Garden Centre

Vandermeer Nursery

Vermeers Garden Centre and Flower Shop

Wolfville, NS Coldwater, ON Bradford, ON Blumenort, SK Prince George, BC Simcoe, ON North Bay, ON Chilliwack, BC Creston, BC Leamington, ON Saanichton, BC Gloucester, ON Kindersley, SK Lincoln, ON Swift Current, SK Elmira, ON Ile des Chenes, MB Aiax, ON

Kamloops, BC

DIRECT TO CONSUMER EFFORTS

Branded Containers and Tags

Designed to instill consumer confidence in a trusted brand and make it easier to find at retail, our signature white Proven Winners branded container stands out on the bench. Consistent packaging across all of our plant and product lines no matter where they are sold is critical to instilling brand recognition. Learn more on p. 24.

Print Efforts

Print efforts continue to be effective tools for reaching specific segments of consumers. Over a half million copies of our popular *Gardener's Idea Book* were distributed in 2024, including 25,000 in Canada. Additionally, print advertisements are run year-round in several home and garden magazines.

Digital and Email Marketing

Efforts to inspire and educate consumers, as well as drive them to their nearest Certified Garden Centre, are made through regularly issued publications such as our Winners Circle newsletter, SMS text messages and email marketing campaigns. To date, 49,000 Canadian subscribers have opted in to receiving such communications from Proven Winners.



Welland, ON





Canadian Billboard Campaign

18 Markets – 32 Cities – 111M+ Impressions

Designed to build brand awareness of Proven Winners plants which are proudly Grown in Canada, our billboards are running during the peak gardening season when store traffic is strongest. All Canadian billboards are digital panels with scheduled plays ranging from six to ten seconds. Expect to see billboard ads running from April 7 through June 29, 2025* in the markets listed below.















2025 billboard locations in Canada

Alberta – 16,597,280 impressions

Calgary Edmonton

British Columbia – 39,113,774 impressions

Abbotsford

Chilliwack

Kamloops

Kelowna

Prince George

Vancouver

Victoria

Manitoba – 9,562,308 impressions

Winnipeg

New Brunswick – 976,500 impressions

Moncton

Nova Scotia - 4,204,200 impressions

Halifax

Ontario – 24,747,296 impressions

Hamilton

London

Toronto

Saskatchewan – 6,298,992 impressions

Saskatoon

Quebec - 10,410,400 impressions

Montreal

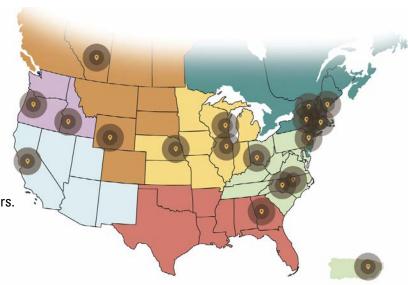
Quebec

^{*} Campaign dates vary based on location.

Content Creators Spread the Word

People consume content and find inspiration from creators all over the world on social media. In addition to our own efforts, we continue to expand our reach to new audiences through talented content creators based in the U.S. and Canada.

Find our creator network at provenwinners.com/Content_Creators.
Follow along to see which plants and products are resonating most with today's consumers.



Laura LeBoutillier @Garden Answer

Since 2014, Laura has been inspiring and educating people around the world with her gardening expertise, design savvy and relatable style. Though based in USDA zone 5 in Eastern Oregon, she remains the most popular garden influencer in Canada, motivating millions of her followers to plant Proven Winners.



Sharon Wallish Murphy @gardeningwithsharon

As a third-generation grower, Sharon knows her way around plants. Gardening in Canadian zones 3 and 4, her expertise lies in crafting practical content specific to cool weather growing zones to help her fellow Canadian gardeners thrive. Learn more at gardeningwithsharon.com and find Sharon's Cold + Bold Canada content at provenwinners.com/Sharon_Murphy.







Additional Content Creators and Certified Landscape Professionals

By tapping into the influence of our expanding network of inspirational content creators and landscape professionals, we are creating brand awareness and engagement that drive sales in a more organic manner.

At left, clockwise from upper left: Proven Winners Certified Landscape Professional Samantha Ulasy of @margaretvalleylandscaping, Eric and Christopher Feml-Nelson of @growformegardening, Skye Hamilton of @hamiltonhousedesigns and Charlie Nardozzi of @charlienardozzi.

Proven Winners Complete Package Program

Grown in Canada Imprint

To rise to the unique needs of today's economy in which Canadian consumers are increasingly looking to shop local, we've updated our Proven Winners signature white branded containers to include the Proudly Grown in Canada icon pictured at right.



Ordering containers, trays and tags is a simple three-step process.

Step 1: Plan Your Production Needs

Calculate how many Proven Winners liners you will need for each line of production: single pots, hanging basket and upright combinations, and plants to serve the landscape market. This will affect how many containers and which tag styles you'll need to order.

Step 2: Select Your Containers and Trays

Calculate the quantity of branded containers needed to match your production plans. Branded containers are required for all single pot production for retail sales at a 1:1 plant to pot ratio. Plants sold for landscape markets are excluded from using branded containers. Trays are highly recommended, especially for our Grande™ and Eco+ Grande® branded containers which use our Self-Symetricize® technology. Order in bulk to receive branded containers ahead of the growing season or receive them along with your liner orders. Contact your propagator for additional container sizes that may be available if needed.



Co-Ex Classic™ container with 10-count tray



Co-Ex Grande™ container with 10-count tray



Co-Ex Quart container with 8-count tray



Co-Ex 6.5 container with 6-count tray



Co-Ex Royale™ container with 3-count tray



Eco+ Grande® container Sobkowich only



Learn more about Eco+ Grande containers by scanning the QR code

Proven Winners Complete Package Containers and Trays Available for 2026

| Proven Winners Branded Container | | | | | Corresponding Tray | |
|--|-----------------|-----------------|----------------|------------------------|------------------------|-------------------|
| | Dimensions (in) | Dimensions (cm) | Volume | Containers Per Case | Containers Per Tray | Trays Per Case |
| 4.33 Grande™ Self-Symetricize® Co-Ex Container | 4.33 x 5.125 | 10.99 x 13.02 | 1.71pt / .809L | 840 | 10 | 100 |
| 4.50 Classic™ Co-Ex Container | 4.5 x 3.75 | 11.43 x 9.53 | 1.42pt / .672L | 1000 | 10 | 100 |
| 1.0 Quart Co-Ex Container | 4.70 X 5.00 | 11.94 x 12.70 | 1.00qt / .946L | 700 | 8 | 100 |
| 6.5 Co-Ex Container | 6.50 x 5.00 | 16.51 x 12.70 | 2.0qt / 1.89L | 300 | 6 | 100 |
| 1.0 GL Royale™ Co-Ex Container | 6.30 x 6.375 | 16.00 x 16.19 | 2.5qt / 2.37L | 270 | 3 | 100 |
| 4.25 Grande™ Self-Symetricize® Eco+ Grande® | 4.25 x 4.9375 | 10.80 x 12.54 | 1.71pt / .813L | 300 | 10 | 100 |

Step 3: Customize Your Tag Order

Check to be sure you are ordering the right number and style of tags to match your single pots, recipe-specific and custom hanging basket and upright combinations.



Branded containers or container/basket tags not required for:

- 1. Proven Selections varieties
- 2. Annuals sold to botanical gardens, public gardens, conservatories and trial sites with confirmation that plants won't be re-sold.
- 3. Annuals for landscape installations (i.e., non-retail sales)

Please inform your plant broker which of your orders meet qualification #2 or 3 above.

New This Year!

Reviews and awards hold value and build buying confidence for consumers. New this year, we've added callouts on our plant tags that draw attention to their award-winning status and inclusion in our National Plant of the Year program. Our plants have won thousands of awards from independent trials through the years, and it's time everyone knows!



Take Action

Contact your preferred Proven Winners propagator for complete details on our Complete Package program.

Our Commitment to Canadian Growers and Garden Centres

Proven Winners' roots run deep in Canada. For more than 30 years, we've developed and nurtured our network of more than 1,500 growers, garden centres, trial gardens and Certified Landscape Professionals across Canada. It has always been our practice to partner with the best Canadian businesses to produce our plants to our exacting brand standards.

Meet Your Fellow Canadian Growers

Meet the two exemplary Canadian family-owned licensee propagators behind Proven Winners annuals — Ed Sobkowich, owner of Ed Sobkowich Greenhouses, Ltd. of Grimsby, Ontario, and Glenn Andersen, owner of Nordic Nurseries, Ltd. of Abbotsford, British Columbia. They've been an integral part of the Proven Winners family and our trusted brand partners nearly since its inception. Together, these reputable growers have cultivated millions of young plants with passion, precision and purpose to supply finished plant growers and garden centres across Canada.







Glenn Andersen

Support for Canadian Retailers

In this extraordinary time in our history, when it is vitally important to communicate the "Grown in Canada" message, we want to make it as easy as possible for you to share your business' story. That's why we worked alongside our brand partners to create the following assets:

- Certified Garden Centre Training Program Free bilingual staff training.
- Find a Retailer Listing Helping consumers find Canadian garden centres.
- Grown in Canada benchcards English and French versions available.
- Shrub POP signage English and French versions available.
- Grown in Canada icons Bilingual design files for your business' use.

We Are Here to Help!

Thank you for allowing Proven Winners to be your trusted brand partner. If we can be of any assistance, please reach out to our network.

Grower Contacts

- Western Canada Proven Winners Propagator:
 Nordic Nurseries nordicplants.com, 604.607.7074
- Eastern Canada Proven Winners Propagator:
 Ed Sobkowich Greenhouses sobkowich.com, 905.945.8870
- Find a Broker: provenwinners.com/professionals/brokers

Retailer Contacts

- Western Canada Retail Solutions Manager:
 Caitlin Hupp chupp@provenwinners.com, 785.766.5726
- Eastern Canada Retail Solutions Manager:
 Heather Poire heather@provenwinners.com, 603.286.0121
- Director of Retail Accounts:
 Jessica DeGraaf jessica@provenwinners.com, 616.706.7970
- Find a Wholesaler: provenwinners.com/professionals/growers/locate









Annual Collection



MAESTRO® Agastache











Designed to make a big splash of color, these long-blooming, vigorous Agastache bloom early and continue through fall, attracting droves of pollinators and hummingbirds. No shearing is needed to stay in flower, making them a breeze in production with a sustained retail sales window. Heat and drought tolerance plus deer resistance make them a win for consumers.

MAESTRO® Coral Agastache 'G19131' USPPAF CanPBRAF Coral pink blooms. New this year.

MAESTRO® Gold Agastache Golden yellow blooms. New this year.

Growing Tips for MAESTRO®

- Grow in high light for best performance.
- Ensure good air circulation to prevent disease; space on bench or floor, if needed.
- 150-200 ppm well-balanced fertilizer for optimal growth.
- Best grown in 4.25" Grande™, 6.50" or 8.0" containers.
- In growing group CB (see page 136).*

Notes: Pinch liners 2 weeks after transplant to help even the crop. Paclobutrazol applied at 1-3ppm as a drench may be helpful depending on the crop's rate of growth and growing environment.

ARTIST® Blue Ageratum











One of our best-selling Grande™ crops! This robust Ageratum maintains its picture-perfect good looks in containers over an extended selling period. Its compact, densely branched, mounded foliage becomes completely covered in periwinkle blue flowers, helping it shine in both containers and landscapes. It is attractive to pollinating bees, butterflies and hummingbirds as it blooms all season without deadheading. This Ageratum exhibits outstanding heat tolerance, flowering well through the summer heat.

Growing Tips for ARTIST®

- Requires high light in production.
- Requires early growth regulator.
- 200 ppm fertilizer for optimal growth.
- In growing group BB (see page 136).

Notes: 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 WINNER - ARTIST® Ageratum

85 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



ANNUAL VIGOR KEY - 1 to 4, with 1 representing the slower, smaller growers and 4 representing the guickest, largest growers. For combinations, choose varieties with the same vigor rating to ensure success.

^{*} First letter is Growing Temperature, second letter is pH.

BUTTERFLY Argyranthemum frutescens







LANDSCAPE 46-91cm (18-36") Vigor: 3

Marguerite Daisies are some of the most well-known and loved flowers among gardeners. Our Butterfly line shines in container recipes and landscapes as these plants are well-matched for timing and size, taking the guesswork out of the equation for growers, retailers and landscapers. These heat tolerant cultivars bloom with clearer, brighter flowers that don't require deadheading for continuous bloom.

AWARD WINNERS – BUTTERFLY Argyranthemum

104 Awards including: Perfect Score, Jardin Daniel A. Seguin; Top Performer, University of Guelph; Excellent Rating, University Laval; Perfect Score, Oregon State University

Growing Tips for BUTTERFLY

- Requires high light in production.
- 200 ppm fertilizer for optimal growth.
- Low light, tight spacing, and wet foliage will lead to disease.
- Transplant Argyranthemum liners first, then water in quickly after transplant.
- In growing group AB (see page 136).

Notes: No pinch needed for 4-5" pots planted after mid-March. When planted prior to mid-March a pinch will be beneficial. Single plants in 6" and gallons as well as all 8" and larger containers should be pinched 1-2 weeks after transplant. 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



PURE WHITE BUTTERFLY® Argyranthemum frutescens 'G14420' USPP29027 Can5769

ANGELFACE® Angelonia angustifolia





Angelface Angelonia is a classic thriller for containers and adds verticality to garden beds. Growers and gardeners alike appreciate that their showy flower spikes don't require deadheading for continuous bloom. This is a sun, heat and humidity-loving plant that is stunning when offered in 1-gallon or larger containers on retail endcaps from early summer to fall.

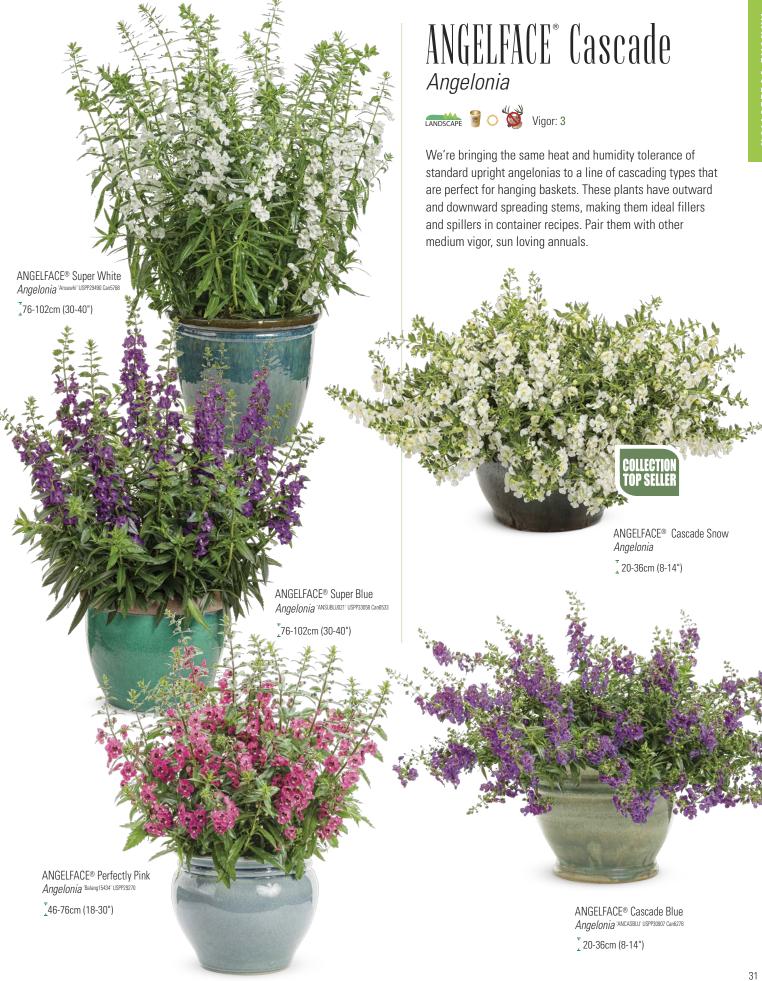
Angelface Super varieties were bred to be bigger, bolder accent plants for planting en masse in landscapes. They mature to over three feet tall and become covered in flowers from top to bottom. Deer tend to pass them by because of their fragrant foliage.

Growing Tips for ANGELFACE®

- Requires high light in production.
- 150-200 ppm fertilizer for optimal growth.
- Warm and slightly dry conditions after transplanting speeds root-in and growth.
- Remember all Angelonia prefer warm production temperatures and it may be best to bring shipments in mid-spring.
- Scout regularly for aphids which can be problematic.
- In growing group CB (see page 136).

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





SIOWSTORM® Sutera cordata (Bacopa) On To-25cm (4-10") Vigor: 2 Snowstorm® Giant Snowflake®: Vigor: 3

Our Sutera varieties show what happens when you start with the best genetics, then continually improve them. In hanging baskets and containers, Sutera's glimmering, star-shaped flowers add beauty and texture, but its delicate looks are backed by durability and vigor.

AWARD WINNERS - SNOWSTORM® Sutera (Bacopa)

50 Awards including: Outstanding Rating, Disney Trial; Best of the Best, University of Georgia; Early Season Top Performer, Cornell, Long Island; Top Performer, University of Minnesota-Morris; Top Performer-Containers, Biltmore

Growing Tips for SNOWSTORM®

- High light in production is essential in early season. Light shade is required for summer production.
- 150-200 ppm fertilizer for optimal growth.
- You must keep Giant Snowflake under control, especially under dark weather conditions. It should be treated with 500-750 ppm of B-Nine®.
- Treat with preventative broad spectrum fungicidal drench one week after transplant.
- In growing group BA (see page 136).



DOUBLE DELIGHT® Begonia © 0.20-36cm (8-14") Vigor: 2



Not just another tuberous begonia! Growers will appreciate the increased vigor, better branched habit and higher flower count of Double Delight begonias. Trials have also shown greater tolerance of Xanthomonas than other similar series. These elegant cascading begonias bear large, abundant blossoms that exude a sweet citrus-like fragrance. Increased sun tolerance makes them versatile for use in containers, hanging baskets, window boxes and monoculture containers. They perform well in full sun in the Northeast; southern growers will need to provide some afternoon shade.

AWARD WINNERS - DOUBLE DELIGHT® Begonia

25 awards including: Top Performer, Michigan State University; Top 10, University of Minnesota; Top Performer, University of Georgia

Growing Tips for DOUBLE DELIGHT® Begonia

- Prefers medium light conditions.
- Warm, slightly dry conditions will speed rooting in.
- Feed with 100-150 ppm N.
- Tuberous begonias require long days for best growth and flowering. Grow under 14hr days if planted before April 1 and at least 12hr days for later plantings.
- Flower drop should be expected. Time properly to decrease messiness.
- In growing group BB (see page 136).

Notes: Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. To control stretch or hold a crop, 150 to 200 ppm Cycocel® may be used for growth regulation. Do not pinch.



Begonia semperflorens LANDSCAPE O CO-320-46cm (8-18") Vigor: 2



Begonias are perhaps more popular with consumers than ever before, and these double-flowered bedding types are sure to be a big hit! Produced vegetatively to ensure excellent vigor, uniformity and durability, Double Up™ wax begonias are an outstanding 4" crop; they bloom early and are easy to hold at retail. Since they are daylength neutral, they can be produced any time of year. The flowers are self-cleaning, avoiding botrytis issues, and they bloom prolifically in sun and shade.

AWARD WINNERS - DOUBLE UP™ Begonia

122 awards including: Top Performer, Montreal Botanic Garden; Top Performer, Les Exceptionelles; Perfect Score All Season, Iowa State

Growing Tips for DOUBLE UP™ Begonia

- Prefers medium light conditions.
- Warm, slightly dry conditions will speed rooting in.
- Feed with 100-150 ppm N.
- Flower drop should be expected. Time properly to decrease messiness.
- In growing group BB (see page 136).

Notes:

Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. To control stretch or hold a crop, 150 to 200 ppm Cycocel® may be used for growth regulation. Do not pinch.



SOLL Begonia x hiemalis Begonia x hiemalis LANDSCAPE O 20-30cm (8-12") Vigor: 2

Proven in trials across the nation to be the best in their class, these floriferous, double-flowered begonias produce vibrant blossoms all season on well-branched, mildew resistant plants. Daylength neutrality makes them easy to bring into bloom throughout the selling season. Tolerating both sun and shade, they mix well with other medium vigor annuals in hanging baskets and upright containers, and also grow well in landscapes with well-drained soil.

Growing Tips for SOLENIA® Begonia

- Prefers medium light conditions.
- Warm, slightly dry conditions will speed rooting in.
- Feed with 100-150 ppm N.
- Requires long days for best growth and flowering. Grow under 14hr days if planted before April 1 and at least 12hr days for later plantings.
- Flower drop should be expected. Time properly to decrease messiness.
- In growing group BB (see page 136).



$\mathbf{SPACE} \; \mathbf{AGE}^{^{\mathsf{m}}} \; \mathit{Begonia rex}$

🧃 🕽 🔭 🖁 38-46cm (15-18") Vigor: 2

Trialing Rex begonias first for rooting performance, followed by vigor in spring production, and finally for summer garden performance has led to the launch of this new out-of-this-world series of Rex begonias. It features three of the most exceptional cultivars on the market today, each one with astronomically unique foliage. Their strong growth and seasonlong foliage interest help to extend the sales window for both growers and retailers while providing dynamic new options for shade gardens.

Growing Tips for SPACE AGE™ Begonia rex

- Do not bury the liner when transplanting; keep the crown of the plants free of compressed soil.
- Preventative sprays for botrytis and powdery mildew are suggested during damp and low light conditions.
- Good air circulation and bright but filtered light will decrease the threat of botrytis.
- Upon rooting in, keep light levels at 1200-1500 foot candles; higher light could stunt the plants.
- Feed with 150-200 ppm N.



SUREFIRE® Red Begonia x benariensis





SUREFIRE Begonia





ANDSCAPE 30.61cm (12-24") Vigor: 4

These durable, colorful begonias are incredibly versatile in sun and shade, with tremendous presence in large containers and landscapes. Choose Surefire® varieties where an upright arching habit is desired. Surefire Cascade™ Red has a similar look but is more trailing. For shorter, mounded plants that work well as bedding plants in the landscape, use Double Up™ begonias. All serve as reliable alternatives to impatiens in places where downy mildew is problematic.

SUREFIRE CASCADE™ Red Begonia

Glossy green foliage creates a lush backdrop for the sizeable, weather tolerant, vibrant red flowers which are early to bloom on cascading stems. Ideal for hanging baskets, trailing or

Growing Tips for SUREFIRE®

- 150-200 ppm fertilizer for optimal growth.
- Flower drop should be expected. Time properly to decrease messiness.
- Pinching should not be necessary except to shape.
- Requires good drainage and air circulation.
- In growing group BB (see page 136).

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 sanitation practices are critical.





CAMPFIRE® Bidens EANDSCAPE



An ideal option for warm climates, these showy cultivars exhibit strong heat tolerance and non-stop bloom. No deadheading is needed since there is low to no seed set. Densely mounded plants become covered in brilliant blossoms which are highly attractive to pollinating bees. As such, they occupy a similar niche as Coreopsis in landscape designs but boast continuous color all season and a tight habit that won't split open. They also make eye-catching monoculture containers.

CAMPFIRE® Red Ember Bidens ferulifolia 'DPWBIDCAPR' USPPAF CanPBRAF

Growing Tips for Bidens

- Requires high light in production.
- 150-200 ppm fertilizer for optimal growth.
- Good air circulation, control of humidity and good sanitation practices are critical.
- In growing group AB (see page 136).

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. B-9 (2500 ppm) and Sumagic® (5 ppm) should be effective on Goldilocks Rocks and Campfire Flame.





GOLDILOCKS ROCKS®

Bidens ferulifolia 'BID16101' USPP32646 Can6557





Expanding the list of options for shade, Endless™ Browallia is a simple yet elegant, heat loving plant that requires little more than moisture to thrive in partial to full shade. Brilliant violet purple or white blooms dot the emerald green foliage all season without deadheading. Striking in monoculture containers and Grande™ containers, Endless is equally stunning mixed with other medium vigor varieties in shade loving hanging baskets.

AWARD WINNERS - ENDLESS™ Browallia

27 Awards including: Top Performer, Penn State; Best Varieties, Colorado State University; Top Performer, Ohio State University Extension; Excellent Cool Season, Disney

Growing Tips for ENDLESS™

- Browallia is a semi-tropical plant and prefers warmer production temps similar to Angelface® Angelonia. Avoid ordering too early if you do not have the ability to grow warm.
- Provide shade to bright filtered light in production.
- 75-100ppm fertilizer for optimum growth.
- Browallia requires a higher pH than Superbells[®]. If the pH is too low, yellowing foliage is the first sign. Monitor pH levels regularly.

Notes: Pinch at 1-2 weeks after transplant. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Good sanitation practices include

- Good water management practices are critical to healthy plant growth.
- Good air circulation, control of humidity, and good sanitation practices are critical.
- In growing group CC (see page 136).

keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor. ENDLESS™ Illumination Browallia 'UNHBR12' USPP18925 ENDLESS™ Flirtation Browallia 'UNHBR18' USPP19822

SUPERBELLS © Calibrachoa Som (6-12") Vigor: 2



Often imitated. Never equaled.

With so many Calibrachoas on the market, how do you choose the best? At Proven Winners, we trial and select for varieties that perform all summer and deep into the fall months, long past when they leave the grower's bench. We want both growers and gardeners to be successful so they keep coming back for more. Superbells are available in a broad array of superb colors and patterns with larger blooms that don't require deadheading to bloom all season due in part to greater thielaviopsis resistance. Some are compact and mounding while others cascade over the edges of hanging baskets and upright containers, creating an endless array of combination opportunities.

SUPERBELLS MAGIC® Double Grapefruit

Calibrachoa WNCALSBDBLGF26' USPPAF CanPBRAF US Utility 7786342

Everything you've loved about Superbells Magic® Pink Lemonade, now in double form. Dynamic, rose-like blossoms open lemon yellow, then take on soft pink tones when exposed to UV sunlight. A slightly looser habit allows it to mix beautifully in hanging baskets. New this year.

Growing Tips for SUPERBELLS®

- Treat with preventive broad spectrum fungicidal drench one week after transplant.
- It is strongly suggested that growers use caution when using Medallion® or any other fungicide with the active ingredient fludioxonil due to potential leaf spotting on calibrachoas.
- Requires high light in production.
- 150-200 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.
- Use PGRs with caution on all Calibrachoa.
- Cold is a good natural growth regulator.
- More vigorous varieties like Lemon Slice and Pomegranate Punch may need additional early pinch or PGR treatment in low light environments.
- In growing group AA (see page 136).

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. 5-10 ppm Sumagic® or a B-Nine®/Cycocel (2500/750) tank mix is effective. Use 500 ppm Florel® or 1-3 ppm Bonzi® drench on baskets and larger containers to promote branching. Calibrachoa are sensitive to pythium, phytopthera, and thielaviopsis, but Superbells have higher levels of tolerance to these diseases. Proper pH and good sanitation practices help alleviate problems. Increased air circulation, proper water management, and good soil porosity are also critical. Scout regularly for aphids and thrips, especially in baskets.

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.

AWARD WINNERS - SUPERBELLS® Calibrachoa

1055 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; Consumer Favorites, Cornell-Long Island; Top Performer, The Oregon Gardener; Top Performer, University of Guelph; Top Performer, University of Laval; Top Performer, Les Exceptionelles



SUPERBELLS MAGIC® Double Grapefruit Calibrachoa WNCALSBDBLGF26' USPPAF CanPBRAF US Utility 7786342

SUPERBELLS © Calibrachoa Som (6-12") Vigor: 2





Superbells® Classic



SUPERBELLS® Blue Calibrachoa 'WNCALSBBL24' USPP36054 CanPBRAF



SUPERBELLS® Cherry Red Calibrachoa 'USCAL23101' USPP27010 Can5318



SUPERBELLS® Coralina Calibrachoa 'INCALMIABE' USPP28036 Can5556



SUPERBELLS® CORAL SUN™ Calibrachoa 'BBCAL99001' USPP32648 Can6647



SUPERBELLS® DREAMSICLE®
Calibrachoa "INCALDRSIM" USPP32917 Can6543



SUPERBELLS® HOLY COW!™ Calibrachoa 'BBCALB5303' USPP30840 Can6290 US Utility 9313959



SUPERBELLS® HOLY MOLY!® Calibrachoa 'USCALCHSTM' USPP28243 Can6140 US Utility 9313959



SUPERBELLS® HOLY SMOKES!® Calibrachoa 'BBCALB5805' USPP30838 Can6291 US Utility 9313959



SUPERBELLS® HONEYBERRY™ Calibrachoa 'BBCAL91303' USPP32690 Can6549



SUPERBELLS® LEMON SLICE® Calibrachoa 'USCAL5302M' USPP24353 Can4917



SUPERBELLS® Miss Lilac Calibrachoa 'USCAL87502' USPP23230 Can4593



SUPERBELLS® OVER EASY™ Calibrachoa KLECA16314' USPP29741



SUPERBELLS® Pink Calibrachoa "WNCALSBPK24" USPP36624 CanPBRAF



SUPERBELLS® Plum Calibrachoa 'BBCAL76001' USPP29872 Can6054



SUPERBELLS® Red Calibrachoa 'INCALIMRED' USPP29075 Can5772



SUPERBELLS® Tropical Sunrise Calibrachoa 'INCALTRSUN' USPP29029



SUPERBELLS® White Calibrachoa 'Balcal14141' USPP30200



SUPERBELLS® Yellow Calibrachoa 'Balcal1004' USPP29528 CanPBRAF



SUPERBELLS® YELLOW CHIFFON™ Calibrachoa "USCALI4021" USPP19480 Can3631

Superbells® Punch



Calibrachoa 'BBCALB1801' USPP30839 Can6288



SUPERBELLS® BLACKCURRANT PUNCH™ SUPERBELLS® BLUE MOON PUNCH™ Calibrachoa



SUPERBELLS® GRAPE PUNCH™ Calibrachoa 'JGCAL09404' USPP29760 Can5784



SUPERBELLS® POMEGRANATE PUNCH™ SUPERBELLS® STRAWBERRY PUNCH™ Calibrachoa 'USCAL08501' USPP24503 Can4915



Calibrachoa 'USCAL58205' USPP22941 Can4590



Superbells® Punch continued



SUPERBELLS® TANGERINE PUNCH™ Calibrachoa BBCAL82201 USPP30785 Can6289



SUPERBELLS® WATERMELON PUNCH™ Calibrachoa 'BBCAL82402' USPP32651 Can6572

Superbells Magic®



SUPERBELLS MAGIC® Pink Lemonade Calibrachoa



SUPERBELLS MAGIC® Double Grapefruit Calibrachoa WNCALSBDBLGF26' USPPAF CanPBRAF US Utility 7786342

Superbells® Star



SUPERBELLS® CARDINAL STAR™ Calibrachoa 'USCAL69404' USPP29667 Can6055 US Utility 9313959



SUPERBELLS® Cherry Star Calibrachoa "USCAL91001" USPP23232 Can4594 US Utility 9313959



SUPERBELLS® EVENING STAR™ Calibrachoa 'BBCAL87705' USPP30837 Can6548 US Utility 9313959



SUPERBELLS® RISING STAR™ Calibrachoa 'KLECA16006' USPP29433 Can6303 US Utility 9313959

Superbells® Double



SUPERBELLS® Double Amber Calibrachoa KLECA20428' Can6671 US Utility 7786342



SUPERBELLS® Double Blue Calibrachoa 'INCALDOBLU' USPP32649
US Utility 7786342



SUPERBELLS® Double Chiffon Calibrachoa 'USCAL51505' USPP30803 Can6292 US Utility 7786342



SUPERBELLS® Double Orange Calibrachoa "KLECA20459" Can6672
US Utility 7786342



SUPERBELLS® Double REDSTONE™ Calibrachoa "WNCALSBDBLRS24" USPP36625 CanPBRAF US Utility 7786342 9313959



SUPERBELLS® Double Ruby Calibrachoa 'USCAL83901' Can4591 US Utility 7786342



SUPERBELLS® Double SMITTEN PINK™ Calibrachoa 'KLECA23454' US Utility 7786342



SUPERBELLS® Double TWILIGHT™ Calibrachoa 'KLECA21509' US Utility 7786342



SUPERBELLS® Double VINTAGE CORAL™ SUPERBELLS® Double White Calibrachoa 'KLECA22847' US Utility 7786342



Calibrachoa WNCALSBDBLWH24' USPP35822 CanPBRAF US Utility 7786342



SUPERBELLS® Double Yellow
Calibrachoa "WNCALSBDBLYEL23" CaniPBRAF
US Utility 7786342



SUPERBELLS® Doublette LOVE SWEPT™ Calibrachoa 'USCAL81302' USPP30804 Can6293 US Utility 7786342

Superbells Photoperiod Response

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

Photoperiod Hours 10, 11, 12, 13 (Day Neutral Response)

Superbells® Double Redstone™

Superbells® Evening Star™

Superbells® Holy Smokes!®

Superbells® Yellow

Photoperiod Hours 11, 12, 13, 10 (Facultative Long-day Response)

Superbells Magic® Double Grapefruit

Superbells® Double White

Superbells® Holy Moly!®

Superbells® Honeyberry™

Superbells® Lemon Slice®

Superbells® Pink

Superbells® Rising Star™

Superbells® White

Photoperiod Hours 12, 13, 10, 11 (Facultative Long-day Response)

Superbells® Blackcurrant Punch™

Superbells® Blue

Superbells® Coral Sun™

Superbells® Double Amber

Superbells® Double Ruby

Superbells® Double Twilight™

Superbells[®] Double Vintage Coral[™]

Superbells® Double Yellow

Superbells® Doublette Love Swept™

Superbells® Dreamsicle®

Superbells® Grape Punch™

Superbells® Holy Cow!™

Superbells® Miss Lilac

Superbells® Red

Superbells® Tangerine Punch™

Superbells® Tropical Sunrise

Superbells® Yellow Chiffon™

Photoperiod Hours 13, 10, 11, 12 (Facultative Long-day Response)

Superbells Magic® Pink Lemonade

Superbells® Cherry Star

Superbells® Double Blue

Superbells® Double Orange

Photoperiod Hours 13 (Obligate Long-day Response)

Superbells® Cardinal Star™

Superbells® Cherry Red

Superbells® Coralina

Superbells® Strawberry Punch™

Superbells® Watermelon Punch™

Photoperiod Hours 13, 11, 12 (Obligate Long-day Response)

Superbells® Blue Moon Punch™

Superbells® Double Smitten Pink™

Superbells® Pomegranate Punch™

Photoperiod Hours 13, 12 (Obligate Long-day Response)

Superbells® Double Chiffon

Superbells® Over Easy™

Superbells® Plum

Ever wonder what the top-selling Superbells are?

Here's the entire list ranked in order by Canadian propagator liner sales.

Superbells® Yellow

Superbells® Grape Punch™

Superbells® Lemon Slice®

Superbells® White

Superbells® Tropical Sunrise

Superbells® Dreamsicle®

Superbells Magic® Pink Lemonade

Superbells® Pomegranate Punch™

Superbells® Red

Superbells® Double Amber

Superbells® Blackcurrant Punch™

Superbells® Tangerine Punch™

Superbells® Double Vintage Coral™

Superbells® Pink

Superbells® Holy Smokes!®

Superbells® Coral Sun™

Superbells® Double Smitten Pink™

Superbells® Over Easy™

Superbells® Watermelon Punch™

Superbells® Double Redstone™

Superbells[®] Evening Star[™]

Superbells® Yellow Chiffon™

Superbells® Coralina

Superbells[®] Doublette Love Swept[™]

Superbells® Blue Moon Punch™

Superbells® Blue

Superbells[®] Double Twilight[™]

Superbells® Double White

Superbells® Holy Moly!®

Superbells® Strawberry Punch™

Superbells® Double Ruby

Superbells® Honeyberry™

Superbells® Holy Cow!™

Superbells® Cherry Red

Superbells® Double Orange

Superbells® Double Yellow

Superbells® Plum

Superbells® Double Chiffon

Superbells® Double Blue

Superbells® Cherry Star

Superbells® Cardinal Star™

Superbells® Rising Star™

Superbells® Miss Lilac

TOUCHN® Canna x generalis

LANDSCAPE (76-122cm (30-48") Y Vigor: 4



These cannas are fast, vigorous, highly disease resistant and as easy to grow as petunias in greenhouse production. Recommend them as bold-foliage, flowering thrillers for large containers or for mass plantings in landscapes. Sell early in 4.25 Grande™ containers and in 1.0 Royale™ or larger containers through summer.

Growing Tips for TOUCAN®

- Warmth and moisture are essential to growing high quality Cannas. Temperatures should not drop below 60-65° F; chilling injury may delay the crop.
- Do not use irrigation frequency to control plant size. Crop can be run slightly dry but drying to wilt stage will cause leaf burn and drop. Good water management practices are critical to healthy growth.

- Watch for spider mites, especially if plants are not actively growing.
- Plants will normally flower in 7-10 weeks at optimal temperatures.
- In growing group DE (see page 136).

Notes: While the Toucan® series can be grown in 4.5" and quart containers, we recommend the 1.0 Royale™ or 1 gallon size container as optimum for ease in production and sales. A drench of 1-4 ppm paclobutrazol can be used to help hold a crop or if control of growth is desired. Check manufacturers' labels for approved rates and usage recommendations.

AWARD WINNERS - TOUCAN® Canna

237 Awards including: Top Performer, Longwood Gardens; Excellent Rating, University Laval; Excellent Warm Season, Disney; Top Performer, University of Guelph; Perfect Score All Season, Ohio State



FLAMBÉ® Yellow

Chrysocephalum apiculatum





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 FLAMBÉ®

- Requires high light in production.
- 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.
- In growing group BC (see page 136).

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.

SEÑORITA Cleome





LANDSCAPE O . 61-122cm (24-48") Y W Vigor: 4





Growers and gardeners have grown to love the Proven Winners line of thornless, seedless, odorless, non-sticky cleomes. They exhibit excellent heat, humidity and drought tolerance, bloom spring through fall and have minimal oedema issues. Grow in Royale[™] containers for best display.

Growing Tips for Cleome

- 200-300 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.
- These varieties should NOT have oedema problems.
- In growing group BB (see page 136).

Notes: Treat with preventative broad spectrum fungicidal drench one week 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. Good water management practices are critical to healthy plant growth.

AWARD WINNER - SEÑORITA Cleome

245 Awards including: Outstanding Rating, Disney Trials; Top Performer, Colorado State University; Top Performer, Michigan State University; Top Performer, Texas A&M; Top Performer, Oregon State University; Leader of the Pack, North Carolina State University



COLORBLAZE Coleus scutellarioides



With vibrant color and seasonlong performance, the ColorBlaze collection of coleus is a must-have for your spring lineup. These foliage plants are bold, versatile, easy to grow, and extremely popular with gardeners. All are late-flowering varieties that hold their form throughout the season. They are tolerant of varying light conditions and are among the fastest-selling plants in any program.

Note: Coleus scutellarioides was formerly known as Plectranthus.

Growing Tips for COLORBLAZE®

- Establish in a warm environment. Plants subject to chilling may be stunted.
- 150-200 ppm fertilizer for optimal growth.
- One to two pinches can be used to increase branching and for shaping. For small container sizes, this may not be necessary; larger containers will probably require pinching. Florel® can increase branching and reduce flowering. Cycocel/B-9 tank mix or Sumagic® spray at 3-5 ppm will help control growth if needed.
- In growing group BC (see page 136).



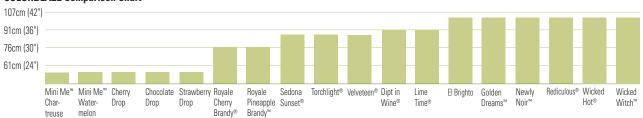
COLORBLAZE Coleus scutellarioides













COLORBLAZE MINI ME®

Coleus scutellarioides











Small yet mighty, these dwarf, compact coleus have excellent vigor and display good resistance to downy mildew. Their feathery textured leaves provide fun texture and vivid colors in sun and shade.

COLORBLAZE® Royale Coleus scutellarioides











For a tidier look in combinations and smaller containers, choose the more compact, tightly branched ColorBlaze Royale varieties.







COLORBLAZE® Royale PINEAPPLE BRANDY™ Coleus scutellarioides

51-76cm (20-30") Vigor: 3

COLORBLAZE® Drop Coleus scutellarioides





COLORBLAZE® Chocolate Drop
Coleus scutellarioides KakegawaCE2' USPP15371 Can2085

46-61cm (18-24") Vigor: 4

$\underline{\textbf{ISLAND}} \; \underline{\textbf{GIANTS}}^{\scriptscriptstyle{\mathsf{M}}} \; \textit{Colocasia esculenta}$

LANDSCAPE 91-152cm (36-60") Vigor: 3

Outstanding on the retail bench and in the garden, Island Giants™ elephant ears are always in high demand. They make unique, bold thrillers in large container recipes and grow to even more spectacular size in landscapes. Given their huge umbrella-like leaves, they appreciate some protection from high winds. Where winter temperatures drop below -12°C/10°F, they will be annuals.

ISLAND GIANTS™ 'Coffee Cups' Colocasia esculenta
This instantly recognizable variety bears dramatically cupped,
mostly upward-facing, olive green leaves with mocha accents.
Clump-forming selection.

ISLAND GIANTS™ HEART OF THE JUNGLE® *Colocasia esculenta* This huge heart-leafed, dark green, black stemmed cultivar forms a large mass that can spread by rhizomes where it is hardy. Fantastic when planted pond side.

Growing Tips for ISLAND GIANTS™

- Prefers medium to high light conditions.
- Feed with 150-200ppm N.
- Warm temperatures are needed in production and for garden performance.
- Chlorotic tips can be an indicator of chill damage.
- In growing group BC (see page 136).

Notes: Scout regularly for spider mites, especially if greenhouses are very cool and air circulation is limited. Consider a preventative Kontos® drench application 2 weeks after transplant or start a biological control program. Careful reduction of production temperatures is a good natural growth regulator. Sprench or drench application of +-1 ppm Sumagic® can also be to used to control stretch; may need more than one application under low light or crowded conditions.

AWARD WINNER – ISLAND GIANTS™ HEART OF THE JUNGLE® Colocasia
21 awards including Perfect Sears Organ State University Part of Searing

31 awards including: Perfect Score, Oregon State University; Best of Species, Penn State; Top Performer, NC State



TOTALLY TEMPTED ** Cuphea procumbens ** ** C20-41cm (8-16") ** Vigor: 3







Expanding our list of heat tolerant annuals, these floriferous, self-cleaning Cuphea cultivars flourish in both arid and humid climates. Their vibrant blooms are a reliable magnet for pollinators all season and will draw the consumer's eye on retail benches. Growers will appreciate the tighter branched habit and oedema resistance of these refined cultivars. Be sure to include them in both your spring and summer production schedules to keep a steady supply available.

AWARD WINNERS - TOTALLY TEMPTED® Cuphea

25 awards including: Director's Select, Penn State; Top Performer, University of Minnesota-West Madison; Top Performer, Michigan State University

Growing Tips for TOTALLY TEMPTED®

- Cuphea is very vigorous and temperature sensitive.
- Cuphea is sensitive to ethylene and will suffer adverse effects during shipping unless proper precautions are taken.
- Facultative short day plants.
- Feed with 100-175 ppm N.
- In growing group CB (see page 136).

Notes: A PGR regime is needed and very effective for these plants. When grown at 68-72° F, a single drench of 1ppm paclobutrazol (Bonzi®) two weeks after liner transplant is effective. Plants grown above 73° F may need higher PGR rates or additional applications. When grown at 75° F, increase the paclobutrazol rate to 2ppm applied two weeks post-transplant. Growing plants cool can reduce the PGR needs. No pinch is required; if you do pinch, additional PGR applications



VERMILLIONAIRE® Cuphea







Vermillionaire is an absolute hummingbird magnet. It's extremely heat and humidity tolerant and is very low maintenance. Though it's drought tolerant, it can also tolerate higher moisture levels. Vermillionaire features a well-branched, mounding growth habit and produces deep-orange tubular flowers that cover the plant from spring through first frost. Although Vermillionaire is a cuphea, it's not prone to oedema.

Growing Tips for VERMILLIONAIRE®

- 150-200 ppm N
- Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt.
- Watch for thrips, whiteflies and aphids.
- Treat with preventative broad spectrum fungicidal drench one week after transplant.
- In growing group CC (see page 136).

Notes: B-Nine® may be used at 1500-2500ppm two weeks after pinching. Bonzi® is also effective.

AWARD WINNER - VERMILLIONAIRE® Cuphea

100 Awards including: Top Performer, Costa Farms; Top Performer, Biltmore; Top Performer and Consumer Top 3, Colorado State University; Top Performer, Ohio State University; Top Performer, Texas A&M

MYSTIC Illusion Dahlia









An absolute rock star in the landscape, this easy to grow dahlia features single, clear lemon yellow flowers which really pop against the dark foliage. The plants are resistant to powdery mildew, making them easier for growers to manage with fewer inputs. Mystic Illusion is suitable for 4.25" Grande™ and 1.0 Royale™ containers as well as combinations.

Growing Tips for MYSTIC ILLUSION

- Requires high light in production.
- 150-200ppm fertilizer for optimum growth.
- Plants are rarely affected by powdery mildew outdoors.
- Most Dahlias are long day plants. Provide long days or night interruption lighting to induce blooming if finishing before the first of April.
- Good water management practices are critical to healthy plant growth.
- Good air circulation, control of humidity, and good sanitation practices are critical.
- In growing group BB (see page 136).

Notes: Do a soft pinch at 1-2 weeks after transplant if needed. Plants can be pinched to shape. Shearing growth tips encourages fuller growth. Hard pinches can stall growth. 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 - MYSTIC Illusion Dahlia

38 Awards including: Best New Variety, Colorado State University; Hall of Fame, Cincinnati Zoo and Botanical Garden;



WIRTUOSO® Dahlia variabilis LANDSCAPE O 38-46cm (15-18") W Vigor: 2









We've trialed garden dahlias for a decade or more, pulling together the very best in class to form this new series. These plants display outstanding vigor, good tolerance to powdery mildew, and large double to semi-double flowers that stand on proportional stems above the densely mounded foliage. Blooming throughout the whole season, their sales window is greatly expanded over typical dahlias, so you can keep your customers supplied for months instead of weeks.

Growing Tips for VIRTUOSO®

- Supply long day lighting during crop production prior to April 1st.
- Growing cooler than 65-70° F will lengthen the crop time.
- Feed with 100-150 ppm N.
- In growing group BB (see page 136).

Notes: Daminozide (B-Nine®) at 1500-2500 ppm applied 14-21 days after transplant will even the crop and deepen the leaf color.



DIAMOND Euphorbia







Among the most versatile annuals in our lineup, Diamond Euphorbias offer a range of habits for every use, from hanging baskets to edging borders or competing with the most vigorous varieties in recipes. They are exceptionally heat and drought tolerant, providing a refined texture for elegant combinations in sun and shade.

DIAMOND FROST® Euphorbia 'Inneuphdia' USPP17567 Can2830

Diamond Frost is like your friend who gets along with everyone she meets – it combines easily with many kinds of plants, weaving its wiry stems in and out, poking its single, airy white flowers throughout the combination. Often imitated but never equaled!

DIAMOND MOUNTAIN® Euphorbia '**' USPPAF Canpbraf

This super-sized Euphorbia makes magnificent hanging baskets and extra-large upright containers when combined with our most vigorous plants like Supertunia Vista® petunias. It's also spectacular in the landscape, growing similar in size to a spirea shrub.

DIAMOND SNOW® Euphorbia 'INCHADIACL' USPP32682 Can6494

Double, bright white flowers are produced on vigorous, densely branched plants. Its habit is just airy enough to allow its medium vigor companions to weave between its stems to form stunning container recipes.

Growing Tips for DIAMOND Euphorbia

- High light is required in production.
- 150-200 ppm fertilizer for optimal growth.
- Preventive fungicides are recommended 1 week after 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.
- In growing group BB (see page 136).

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

AWARD WINNERS -

DIAMOND FROST® Euphorbia

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

DIAMOND MOUNTAIN® Euphorbia

39 Awards including: Top Performer, University of Guelph; Perfect Score, Oregon State University; Top Performer, Jardin Daniel A Seguin; Top 10, North Carolina State University

DIAMOND SNOW® Euphorbia

46 Awards including: Perfect Score All Season, University of Minnesota;



BLUE MY MIND® Evolvulus

LANDSCAPE 10-20cm (4-8") Vigor: 2

This popular annual is one of few that bears true blue flowers. It combines easily with any other color and performs especially well with other medium vigor, heat, humidity and drought tolerant plants. *Evolvulus* pulls through the toughest conditions with ease. Choose from two cultivars which differ only in their size.

BLUE MY MIND® *Evolvulus* "USEV01201" USPP24447 Can4918
An improvement over 'Blue Daze', featuring larger flowers and a better branched habit. More compact than XL.

BLUE MY MIND® XL *Evolvulus* 'RMEV028301' USPP34052 Can6965 Everything you love about the original, but 30-50% larger. Ideal for mass plantings where the longer stems cover more ground, a trait that also makes it easy to use in recipes.

Growing Tips for BLUE MY MIND®

- This is a HOT season crop. Nighttime temps below 65°F (18°C) will slow growth.
- Cold, wet conditions can double the crop time and cause crop loss. Warm, slightly dry conditions after transplanting speeds rooting. Do not bring this crop in until you can provide warm growing conditions. Protect from all frost.
- High light is essential.
- 100ppm fertilizer will help to avoid high EC levels.
- Withstands drought but growth and flowering are better with consistent moisture.
- In growing group CC (see page 136).

Notes: Pinch once, two weeks after transplanting. Do not use Florel® as it can cause leaf drop and leaf curl. PGRs should not be necessary.

AWARD WINNERS - BLUE MY MIND®/ BLUE MY MIND® XL Evolvulus 108 Awards including: Top Performer, Texas A & M; Best of Show, University of Wisconsin; Top Performer, Massachusetts Horticulture Society at Elm Banks; Top Performer In-Ground and Containers, Kansas State University; Top Performer, University of Laval BLUE MY MIND® XL Evolvulus 'RMEV028301' USPP34052 Can6965 Spread: 30-51cm (12-20")

BLUE MY MIND® Evolvulus "USEV01201" USPP24447 Can4918 Spread: 20-41cm (8-16")

TRUFFULA Pink Gomphrena pulchella





LANDSCAPE 56-71cm (22-28") Vigor: 4



This vegetative Gomphrena has a tidier appearance than most, retaining its bushy shape without splitting when in full bloom. It thrives in heat and humidity and is drought tolerant once rooted in. Pollinators flock to its hot pink, cotton ball-shaped blooms from spring into fall. Makes an excellent cut and dried flower. Pair it with other high vigor varieties or grow it as a specimen in large containers and landscapes.

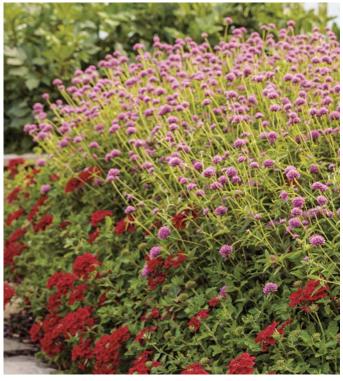
Growing Tips for TRUFFULA™ Pink

- High light and good air circulation are essential to producing a quality crop.
- Long days are required for peak blooming.
- 150-200ppm fertilizer for optimal growth.
- Grow in 4.25 Grande[™] and 1.0 Royale[™] containers, monocultures or in combination with other high vigor varieties.
- In growing group BC (see page 136).

Notes: Pinch 1–2 weeks after transplant. A second pinch may be needed when growing plants in larger containers. Paclobutrazol applied at 1-3 ppm as a drench can help shape or hold the crop, but go slowly and learn how the crop performs in your greenhouse.

AWARD WINNER - TRUFFULA™ Pink Gomphrena

126 Awards including: Top Performer, University of Guelph; Top Performer, Jardin Daniel A Seguin; Top Performer, Les Exceptionelles; Top Performer, University of Guelph



TRUFFULA™ Pink Gomphrena and SUPERBENA® Red Verbena









Annual GRACEFUL GRASSES®

continued

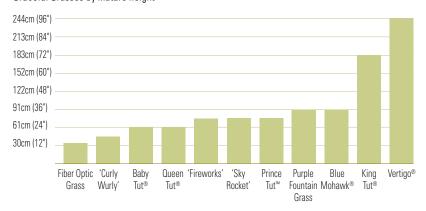






GRACEFUL GRASSES® 'Purple Fountain Grass' Pennisetum

Graceful Grasses by mature height



AWARD WINNERS - GRACEFUL GRASSES®

490 Awards including: Excellent Rating, Massachusetts Horticultural Society; Leader of the Pack, North Carolina State; Top Performer, Michigan State; Top Performer, Texas A&M; Top Performer, Colorado State University

AUGUSTA Lavender and AROMAGICA Purple Heliotropium

If you've shied away from growing heliotrope in the past due to poor performance in production and in the garden, it's time to take another look. Our trial managers and growers have all been impressed with these two vastly improved cultivars. Now, heliotrope can run head to head with all of your premium Proven Winners annuals. Both selections offer unique advantages over older cultivars and have multiple applications in containers and landscapes.

AUGUSTA™ Lavender Heliotropium 'WNHPAULAV' USPP34004 CanPBRAF

We've been incredibly impressed with this revolutionary heliotrope that gives a classic genus a total reboot thanks to more advanced breeding. Versatile in applications from containers to landscapes, it has proven to be impressively vigorous, upright and densely branched. Selected for its outstanding garden performance through hot, humid conditions, it has performed well for growers in the North and South.

AROMAGICA™ Purple

Heliotropium arborescens 'INHELAROPU' USPPAF Canpbraf

Two key improvements make this remarkable heliotrope worth producing: incredible summer garden performance and a well-

Growing Tips for AUGUSTA™ Lavender and AROMAGICA™ Purple

- 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 136).

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.

AWARD WINNER - AUGUSTA™ Lavender Heliotropium

58 Awards including: Perfect Score, Oregon State University; Perfect Score, Ohio State University; Best of Breed, NC State; Perfect Score, Texas Tech University

AWARD WINNER - AROMAGICA™ Purple Heliotropium

18 Awards including: Best of Species, Penn State; Best in Show, University of Tennessee-Jackson; Top Performer, Michigan State University







LANDSCAPE 30-61cm (12-24")



SUNCREDIBLE Helianthus LANDSCAPE O [61-91cm (24-36") Vigor: 4 **









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.

AWARD WINNERS - SUNCREDIBLE® Helianthus

199 Awards including: Best of the Best, University of Georgia; Top Performer, Michigan State University; Perfect Score All Season, Oregon State University; Top Performer, University of Guelph; Top Performer, University of Laval; Top Performer, Les Exceptionelles

Growing Tips for SUNCREDIBLE®

- 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 136).

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; add 1-2ppm to these 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 seasonlong 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 136).

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.



HIPPO® Rose Hypoestes phyllostachya ^{'G14160'} USPP29842 Can6131

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.

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.
- 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 container low.
- In growing group BB (see page 136).

Notes: No pinching needed. Watch for thrips.

AWARD WINNERS - ROCKAPULCO® Impatiens

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



ROCKAPULCO® Red Impatiens walleriana 'Balglimbred' US10285362, US11166424



ROCKAPULCO® Appleblossom Impatiens walleriana Balglimapp' US10285362, US11166424



ROCKAPULCO® Rose Impatiens walleriana 'Balglimotin' US10285362, 11166424



SWEET CAROLINE UPSIDE Ipomoea batatas ANDSCAPE OF C.91-1.83m (3-6') Vigor: 4



Climbing Ipomoea began as novel invention in the industry and has since been greatly improved. Our Upside varieties exhibit the best branching and habit of any in our trials, filling trellises fully with a robust mass of attractively dissected foliage. We recommend selling them in 1.0 Royale™ containers with a trellis for best display at retail and using them as a dramatic thriller in premium hanging basket recipes. These are consumer-friendly, low maintenance vines that thrive with little maintenance in full sun to part sun.

Sweet Caroline UPSIDE™ Black Coffee

Ipomoea batatas 'NCORNSP-029SCBC' USPP35148 CanPBRAF

Deep burgundy purple, dissected leaves are similar in shape to Sweet Caroline Raven[™], growing quickly to form a robust twining or trailing mass.

Sweet Caroline UPSIDE™ Key Lime

Ipomoea batatas 'NCORNSP-028SCKL' USPP35702 CanPBRAF

Bright chartreuse foliage similar in shape to 'Sweet Caroline Light Green' scrambles quickly up trellises or hanging basket wires and trails several feet long.

Growing Tips for Sweet Caroline UPSIDE™

- Upright climber; supports or trellis will help this crop grow in the right direction.
- 150-200 ppm N

• This crop loves the heat and humidity. For the fastest crops, keep production temperatures over 70°F and keep fertility levels fairly high.

- Good air circulation, control of humidity, and good sanitation practices are critical.
- Good water management practices are critical to healthy plant growth.
- In growing group CC (see page 136).

Notes: Treat with a preventative broad spectrum fungicidal drench 1-2 weeks after transplant. Scout crops regularly (at least once a week) for disease development. Scout for aphids, thrips and spider mites.



Trellis available for co-ex





SAFARI Jamesbrittenia 🗑 🔾 [15-30cm (6-12") Vigor: 2

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® Lava Flow *Jamesbrittenia* "INJAMLAVFL' USPPAF CanPBRAF Finally, there is a glowing scarlet red Jamesbrittenia worthy of carrying the Proven Winners brand name. After years of trials, this new selection has proven to meet our rigorous standards for strong rooting, producing full, attractive pots for retail sales. New this year.

AWARD WINNERS - SAFARI® Jamesbrittenia

35 Awards including: Top Performer, University of Guelph; Top Performer, University of Laval; Top Performer, Les Exceptionelles; Perfect Score, Oregon State University; Best of Breed, NC State

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 136).

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 seasonlong 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.

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 136).

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 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 others in the

Luscious Comparison Chart

| Variety Name | Vigor | Habit | Height | In Combos | Sterile |
|-----------------------|-------|---------------------|----------------------|--|---------|
| Basket Tangeglow® | 2 | Mounded Trailing | 30-66 cm (12-26") | Yes, with any | Yes |
| Berry Blend™ | 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 | Yes |
| 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 Lemon Tart™ | 2 | Upright Globe | 30-66 cm (12-26") | Due to habit, mix with trailing plants | Yes |
| 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 | Yes |

















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.

WHITE KNIGHT® Improved

Lobularia maritima hybrid 'INLBUWHIGT' USPPAF Canpbraf

Offering improved vigor and flowering performance, this upgraded selection features much larger, showier clusters of sterile, white blossoms that completely envelop the foliage and a more rounded, less trailing habit. Improved this year.

AWARD WINNERS - Princess and Knight Lobularia

336 Awards including: Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Outstanding Rating, Disney Trials; 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 136).

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



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 | Same outstanding performance as Snow Princess but in a smaller, rounder form |
| Violet Knight® | 3 | Purple | Medium green | Vigor between White Knight and Blushing Princess, it is a better companion for less vigorous plants |









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.

AWARD WINNERS - LAGUNA® Lobelia

45 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; Top Performer, Les Exceptionelles

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 136).

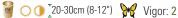
Notes:

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. 5-10 ppm Sumagic® spray is effective, if needed.



$LAGUNA^{\circ}\;Royale\;{\it Lobelia erinus}$







For maximized production space, efficient shipping and perfect pot presentation at retail, choose Laguna® Royale lobelias. Their smaller, rounder habit is ideal for small pot production. Like full-size Laguna varieties, they are bred to take the summer heat.

LAGUNA® Royale Azure Lobelia WNLOBLRA26' USPPAF CanPBRAF Medium blue flowers. New this year.

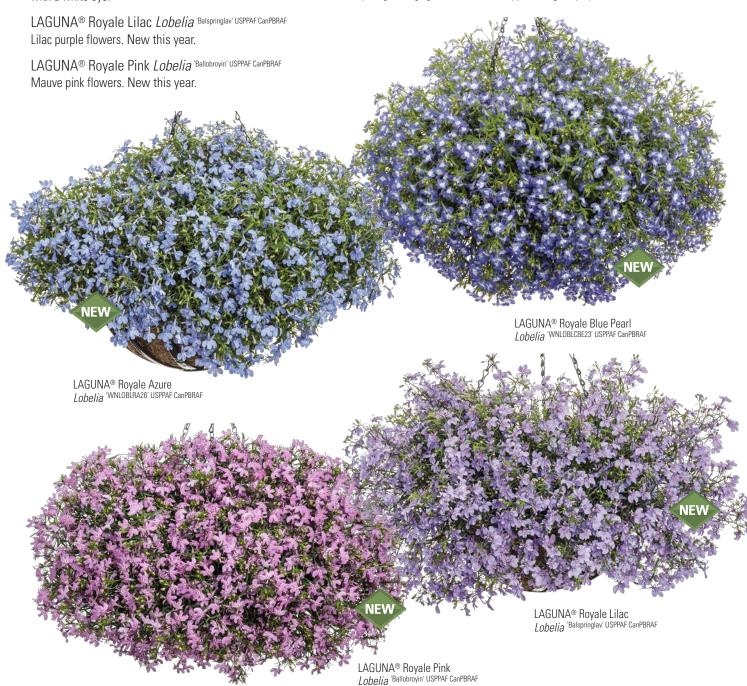
LAGUNA® Royale Blue Pearl Lobelia 'WNLOBLCBE23' USPPAF CanPBRAF Formerly Laguna® Compact Blue with Eye. Deep blue flowers with a white eye.

Growing Tips for LAGUNA® Royale

- 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 136).

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. 5-10 ppm Sumagic® spray is effective, if needed.



[[]]]][[]] Mecardonia



LANDSCAPE 5-13cm (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 136).

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

AROMANCE® Nemesia fruticans



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

Look to our Aromance line of Nemesia to provide intense fragrance to your spring color bowls and baskets, cash 'n carry containers and early season lineup. Their large, showy flowers appear early and persist through summer thanks to greatly improved heat tolerance and an ability to handle summer rains with ease.

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 136).

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® Nemesia

49 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 Can6544



Above: Annuals - AROMANCE® MULBERRY™ Nemesia with SUPERTUNIA MINI VISTA® Ultramarine Petunia, SUMMER WAVE® Large Blue Torenia and TINY QUICK FIRE® Hydrangea paniculata (panicle hydrangea)



AROMANCE® MULBERRY™ Nemesia fruticans 'INNEMMULBE' CanPBRAF

Blue bird Nemesia fruticans



🧃 🔾 📜 25-30cm (10-12") Vigor: 2

This essential spring annual gets an upgrade this year with a much tidier, better branched habit that retains its shape while maturing through the seasons. Expect a far greater summer garden performance due to increased heat tolerance. In the Midwest and Northeast, Bluebird Improved should continue to bloom throughout the summer months. The popular blue-purple flower color and soft scent you've come to love remains, making Bluebird Improved an easy swap in cool season recipes.

Growing Tips for Bluebird

- Preventive fungicides are recommended one week after transplant.
- 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 136).

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

9 awards including: Perfect Score, Michigan State University; Best of Species, Penn State; Top Performer, University of Florida-Ft. Lauderdale



Bluebird Nemesia fruticans 'Kernembird' USPPAF Canpbraf

SUNSATIA® Nemesia



This is the collection that epitomizes the art and science of plant breeding. Very showy and dramatic in borders, hanging



AMAZEL BASIL® Ocimum





The gold standard in vegetatively produced, downy mildew resistant basil. Very large, vigorous, well-branched plants reach harvestable size quickly, remain in a vegetative state longer, and set sterile seed. The very best basil we've ever trialed.

Growing Tips for AMAZEL BASIL®

- 150-200 ppm N for optimal growth.
- Pinch floral buds during early plant establishment to promote vegetative growth.
- Grow under high light conditions with good air circulation.
- Avoid temperatures below 40°F.
- Good water management practices are critical to healthy growth; avoid late day overhead watering.
- Employ good sanitation practices including keeping the greenhouse clean, eliminating weeds and debris, keeping hose-ends off the floor, and disinfecting equipment as often as possible.
- Scout for thrips and botrytis.
- In growing group BC (see page 136).

AWARD WINNER - AMAZEL BASIL® Ocimum

55 Awards including: Top Performer, University of Guelph; Best of Show, University of Tennessee-Jackson; Perfect Score, Michigan State University; Top Performer, Oregon State University; Top Performer, Les Exceptionelles

SUPERLOPHUS™ Sunglow Oenothera



Renamed to emphasize its standout performance in hot climates, this durable Texas primrose is derived from a native Texan species. Though it has proven in trials to thrive in hot, arid, sunny conditions, Superlophus also performs well across North America, especially where nights are relatively cool. Since cooler temperatures enhance flowering performance, this plant grows well across Canada. Use it in similar applications as Evolvulus for low maintenance commercial or residential containers and landscapes where it should only need water every few days, even in the summer. Radiant yellow flowers cover the finely textured foliage and attract beneficial pollinators all season.

Note: Calylophus has been reclassified as Oenothera.

Growing Tips for SUPERLOPHUS™

- This is a high light, high heat loving plant. Know your growing environment and place your orders accordingly.
- Requires excellent drainage to grow well; grow plants dry to moderately dry and avoid overwatering to prevent Botrytis.
- 150-200ppm fertilizer.
- Easy to get into flower for Mothers' Day.
- In growing group BA (see page 136).

Notes: For hanging baskets and pots larger than 6" make a soft pinch at Cool growing conditions will slow the growth of the crop. Scout regularly for aphids which can be problematic.



STRATOSPHERE and KARALEE BRIGHT LIGHTS Osteospermum

Oenothera lindheimeri

LANDSCAPE 330-61cm (12-24") Zones 6-11 Vigor: 3



Lovely in landscapes or as thrillers in combination containers, gauras add height, wispy texture, and movement to the design. Their graceful stems bear non-stop blooms through the heat of summer.

Note: Gaura has been reclassified as Oenothera.

Growing Tips for KARALEE® and STRATOSPHERE™

- Requires high light in production.
- 200 ppm fertilizer for optimal growth.
- In response to cool temperatures, spots can appear on gaura foliage during normal production. This is a physiological response – not a viral infection.
- In growing group AB (see page 136).

Notes: Pinch once, two weeks after liner planting. Growth regulation not needed. Winter flowering occurs in Sunbelt states.

AWARD WINNERS - STRATOSPHERE™ and KARALEE® Oenothera

19 Awards including: Top Performer, Penn State; Arboretum Approved, Dallas Arboretum; Perfect Score All Season,





LANDSCAPE 20-30cm (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.

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 136).

Notes: Removing the buds and flowers at transplant isn't necessary but can be beneficial.

AWARD WINNERS - BRIGHT LIGHTS™ Osteospermum





SUNSTAR® Pentas lanceolata ANDSCAPE O (18-22") Vigor: 2 >>> >>>









Sunstar® represents a breakthrough line of genetics for Pentas that have retained their heat tolerance but are also easy to produce in cooler climates, 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 warmer climates. Since they are produced vegetatively, their flowering performance far exceeds that of seed Pentas. Sobkowich only

AWARD WINNERS - SUNSTAR® Pentas

103 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 136).

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.









The Best Petunia. Period.

Independent trials prove it — Supertunia® petunias are the most award-winning petunias on the market. For more than 30 years, we've upheld the most rigorous industry standards in the petunia class. Growers and consumers alike know they can expect an exceptional show of vibrant, non-stop color from spring until frost without deadheading. Due to breeding for thicker petal substance and rigidity, their blooms are more durable in adverse weather conditions, plus strong disease resistance keeps them growing strong all season. You won't find a more outstanding petunia than Supertunia.

SUPERTUNIA MINI VISTA® PINK CLOUD™

Petunia 'WNPETSMVPC26' USPPAF CanPBRAF

A standout favorite in trials, this new addition forms a dense mass of bright cotton candy pink flowers with a white eye. Distinctly ruffled petals add a rigidity that makes the blossoms even more weather tolerant. New this year.

SUPERTUNIA VISTA® COOL JAZZ™ Petunia WNPETSVCJ26' USPPAF CanPBRAF A slick new color expansion to our most popular series. Cool orchid pink flowers blanket huge, upright mounded plants that match Supertunia Vista® Jazzberry® in vigor, habit and size. Destined to become a top seller! New this year.

AWARD WINNERS - SUPERTUNIA®

2374 Awards including: Top Performer, Missouri Botanical Garden: Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Outstanding Rating, Disney Trials; Top Performer, Oregon State University; Top Performer, University of Laval; Top Performer, Les Exceptionelles

SUPERTUNIA VISTA® COOL JAZZ™ Petunia 'WNPETSVCJ26' USPPAF CanPBRAF

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 136).

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 MINI VISTA® PINK CLOUD™ Petunia "WNPETSMVPC26" USPPAF CanPBRAF

SUPERTUNIA® Petunia









ANDSCAPE 10-30cm (4-12") all Vigor: 3 except Giant Pink and Supertunia Vista®: Vigor: 4

Supertunia®



SUPERTUNIA® BERMUDA BEACH® Petunia 'INPETBEACH' USPPAF CanPBRAF



SUPERTUNIA® BLACK CHERRY® Petunia 'USTUN3003' USPP27312 Can5279 Utility Patent 7642436B2



SUPERTUNIA® Blue Veined Petunia



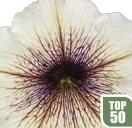
SUPERTUNIA® BORDEAUX™ Petunia 'Lanbor' USPP16144 Can2532



SUPERTUNIA® Giant Pink Petunia



SUPERTUNIA® HONEY™ Petunia 'DCAS303' USPP26888 Utility Patent 7642436B2



SUPERTUNIA® LATTE™ Petunia 'Kerlatte' USPP28069 Can5508



SUPERTUNIA® LOVIE DOVIE™ Petunia 'BBTUN91601' USPP29663 Can6056



SUPERTUNIA® Persimmon Petunia 'WNPETSTPER23' USPP36016 CanPBRAF



SUPERTUNIA® PICASSO IN PURPLE® Petunia 'DCASPITAYA' USPP27999



SUPERTUNIA® PRISCILLA® Petunia 'Kerprilpro' USPP33379 Can6963



SUPERTUNIA® RASPBERRY RUSH™ Petunia 'BBTUN91601M2' USPP32641 Can6552



SUPERTUNIA® Really Red



SUPERTUNIA® ROYAL MAGENTA® Petunia 'INPETROYMA' USPP29811 Can6045



SUPERTUNIA® ROYAL VELVET® Petunia 'BBTUN10102' USPP32688 Can6648

Supertunia® Charm



SUPERTUNIA® SAFFRON FINCH™ Petunia 'Balcobees' USPP32448



SUPERTUNIA® Silver Petunia 'Petwiblv' USPP17247



SUPERTUNIA® Daybreak Charm Petunia 'USTUN69002' USPP27727 Can5514

Supertunia® Hoopla®



SUPERTUNIA® HOOPLA® VIVID ORCHID™ Petunia 'DPETPW1782' USPPAF CanPBRAF

NEW

Supertunia Vista®



SUPERTUNIA VISTA® BUBBLEGUM® Petunia 'USTUNI6001' USPP17730 Can2871



SUPERTUNIA VISTA® COOL JAZZ™ Petunia WNPETSVCJ26′ USPPAF CanPBRAF



SUPERTUNIA VISTA® Fuchsia



SUPERTUNIA VISTA® JAZZBERRY® Petunia "WNPESVJAZ" USPP34152 Can6967



SUPERTUNIA VISTA® Paradise Petunia 'BBTUN98901' USPP30965 Can6294

Supertunia® Tiara™



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



SUPERTUNIA VISTA® SNOWDRIFT™ Petunia 'BBTUN04401' USPP32687 Can6550



SUPERTUNIA® Blue TIARA™ Petunia 'INPETTIABL' USPPAF CanPBRAF



SUPERTUNIA® Pink TIARA™ Petunia 'PEHY0083' USPPAF CanPBRAF

Supertunia Mini Vista®



SUPERTUNIA MINI VISTA® Hot Pink Petunia 'USTUN2401M' USPP29664 Can6057



SUPERTUNIA MINI VISTA® Indigo Petunia 'BBTUN93201' USPP38278 Can6649



Petunia 'WGPESMVMID' USPPAF CanPBRAF US Utility 7642436



SUPERTUNIA MINI VISTA® Midnight
Petunia ¹NGPESMANID: USPPAF CanPBRAF
Petunia ¹NGPESMANID: USPPAF CanPBRAF
Petunia ™NGPESMANID: USPPAF CanPBRAF



SUPERTUNIA MINI VISTA® Pink Star Petunia 'USTUNJ2401' USPP28028 Can5517



SUPERTUNIA MINI VISTA® Plum Veined SUPERTUNIA MINI VISTA® Scarlet Petunia 'WGPETSMVPV25' USPPAF CanPBRAF



Petunia 'WNPETMVSCA23' USPPAF CanPBRAF



SUPERTUNIA MINI VISTA® Ultramarine Petunia 'WNPETMVUM24' USPPAF CanPBRAF



Petunia 'USTUNJ1901' USPP28051 Can5516



SUPERTUNIA MINI VISTA® Violet Star SUPERTUNIA MINI VISTA® White Petunia 'USTUN87002' USPP30833 Can6295



SUPERTUNIA MINI VISTA® Yellow Petunia 'WGPESMVYEL' USPP35694 CanPBRAF US Utility 7642436



SUPERTUNIA MINI VISTA ** Petunia ** ** ** Vigor: 3* Vigor: 3*









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 branched, ball-shaped habit is picture perfect in 4.25 Grande containers.



NEW



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 Photoperiod Response

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

Photoperiod Hours 10, 11, 12, 13 (Day Neutral Response)

Supertunia Pink Tiara™

Supertunia® Bermuda Beach®

Photoperiod Hours 11, 12, 13, 10 (Facultative Long-day Response)

Supertunia Vista® Bubblegum®

Supertunia Vista® Cool Jazz™

Supertunia Vista® Snowdrift™

Supertunia® Daybreak Charm

Supertunia® Really Red

Supertunia® Royal Magenta®

Photoperiod Hours 12, 13, 10, 11 (Facultative Long-day Response)

Supertunia Mini Vista® Pink Cloud™

Supertunia Mini Vista® Plum Veined

Supertunia Mini Vista® Ultramarine

Supertunia Vista® Fuchsia

Supertunia Vista® Jazzberry®

Supertunia Vista® Silverberry

Supertunia Blue Tiara™

Supertunia® Bordeaux™

Supertunia® Hoopla® Vivid Orchid™

Supertunia® Lovie Dovie™

Supertunia® Royal Velvet®

Supertunia® Saffron Finch™

Photoperiod Hours 13, 10, 11, 12 (Facultative Long-day Response)

Supertunia Mini Vista® Indigo

Supertunia Mini Vista® Midnight

Supertunia Mini Vista® Pink Star

Supertunia Mini Vista® Scarlet

Supertunia Mini Vista® White

Supertunia Mini Vista® Yellow

Supertunia Vista® Paradise

Supertunia® Black Cherry®

Supertunia® Blue Veined

Supertunia® Giant Pink Supertunia® Honey™

Supertunia® Latte™

Supertunia® Persimmon

Supertunia® Picasso in Purple®

Supertunia® Priscilla®

Supertunia® Raspberry Rush™

Supertunia® Silver

Photoperiod Hours 13, 11, 12 (Facultative Long-day Response)

Supertunia Mini Vista® Hot Pink

Photoperiod Hours 13, 12 (Facultative Long-day Response)

Supertunia Mini Vista® Violet Star

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® Royal Velvet®

Supertunia Vista® Jazzberry®

Supertunia Vista® Snowdrift™

Supertunia® Bordeaux™

Supertunia Vista® Fuchsia

Supertunia Vista® Silverberry

Supertunia Mini Vista® Yellow

Supertunia Mini Vista® Indigo

Supertunia Mini Vista® White

Supertunia Blue Tiara™

Supertunia® Royal Magenta®

Supertunia® Really Red

Supertunia® Black Cherry®

Supertunia® Saffron Finch™

Supertunia® Latte™

Supertunia Vista® Paradise

Supertunia® Persimmon

Supertunia® Bermuda Beach®

Supertunia® Hoopla® Vivid Orchid™

Supertunia Pink Tiara™

Supertunia Mini Vista® Scarlet

Supertunia® Honey™

Supertunia Mini Vista® Violet Star

Supertunia Mini Vista® Plum Veined

Supertunia Mini Vista® Hot Pink

Supertunia Mini Vista® Ultramarine

Supertunia Mini Vista® Midnight

Supertunia® Blue Veined

Supertunia® Picasso in Purple®

Supertunia® Priscilla®

Supertunia Mini Vista® Pink Star

Supertunia® Raspberry Rush™

Supertunia® Lovie Dovie™

Supertunia® Daybreak Charm

Supertunia® Giant Pink

Supertunia® Silver



Above in garden bed: SUPERTUNIA MINI VISTA® Yellow *Petunia* with LUSCIOUS® GOLDENGATE™ *Lantana*, AROMANCE® MULBERRY™ *Nemesia*, GRACEFUL GRASSES® 'Sky Rocket' *Pennisetum*, ROCKIN'® Deep Purple *Salvia* and SUMMER WAVE® Trailing Large Blue *Torenia*

| | Habit | Recommended Use | Sun-Shade Tolerance |
|--|---|---|--|
| Supertunia® and Supertunia® Tiara™ and Supertunia® Hoopla® | Mounded Trailing Height: 10-30cm (4-12") Trailing: 76-91cm (30-36") | 4.50 Classic™, 4.25 Grande™, and 1.0 GL Royale™, Hanging baskets, upright containers, landscape | Full sun to part sun Facultative long day |
| Supertunia Mini Vista® | 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 | Full sun to part sun Facultative long day |
| Supertunia Vista® | 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 to part sun Early to flower |
| Supertunia® Giant Pink | 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 | 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 | Full sun Facultative long day |



$SOUTHERN \ BLAZE^{^{\infty}}_{\textit{Phlox drummondii}}$









Renamed to honor their native Texan roots, this series formerly known as Intensia® is extremely reliable in southern states and ranks among the best of all Proven Winners annuals in Florida trials. Outstanding heat, humidity and drought tolerance keep these phlox looking their best from spring to frost whether they are grown in baskets, upright containers or landscapes.

SOUTHERN BLAZE™ Bright Pink Phlox drummondii

Notably shorter and 30% more compact than others in the series, this new selection has all the flower power or more. Glowing bright pink flowers blanket the foliage all season and are a pollinator magnet. New this year.

AWARD WINNERS - SOUTHERN BLAZE™ 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 SOUTHERN BLAZE™

- Requires high light and heat for optimal growth.
- Take care not to bring in too early; schedule for mid-spring production.
- Proper air movement, water management and good soil porosity are critical.
- These plants prefer to be grown dry. Water lightly at planting, then allow to dry down a bit before watering again.
- Grow warm until the plants' roots are established, then finish cool.
- 200-300 ppm fertilizer; increased applications may be needed on actively growing crops.
- Can be finished in mixed containers for spring. Mono baskets and 4" containers are better for late spring and summer sales.
- In growing group AB (see page 136).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant spacing or hanging. 5-10 ppm uniconazole and growing cool are effective for regulating growth.



MOJAWE **Portulaca umbraticola LANDSCAPE ** O T. 10-20cm (4-8") ** Vigor: 2



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.



UNPLUGGED® Salvia











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 humidity with ease.

- Feed with 150-200 ppm N. If possible, avoid using fertilizers high in ammonia which can cause excessive vegetative growth and fewer flowers under low light conditions.
- growth. Avoid overhead watering late in the day.

Notes: A routine preventative fungicidal program is encouraged. These salvias' compact early habit makes them perfect for smaller container production. Growth can be controlled using lower temperatures. Apply growth regulators as needed for





UNPLUGGED® SO BLUE™ Salvia with DIAMOND SNOW® Euphorbia and SUPERTUNIA® Really Red Petunia















Gardeners are looking for plants to draw in pollinators and salvias work like a charm. Hummingbirds are highly attracted to the extra-large flowers of Rockin' Deep Purple, Fuchsia and Blue Suede Shoes, 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 tolerance. They are spectacular in the landscape and make impressive thrillers in large containers.

AWARD WINNERS - ROCKIN'® Salvia

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

[61-122cm (24-48")

Growing Tips for ROCKIN'®

- Requires high light in production.
- Good air circulation and well-drained soil are important. Avoid saturated containers and grow slightly on the dry side.
- 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 BB (see page 136).

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



61-91cm (24-36")

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 136).

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

Angel Wings Senecio candicans







This head-turning succulent makes an outstanding centerpiece in containers and has fantastic impulse appeal at retail. Large, silky-textured, silvery white leaves grow quickly to form a substantial, upright clump. Like many felted silver plants, good drainage and abundant sunshine are important to achieving healthy, vigorous growth. Heat, drought and salt are all easily tolerated, and deer tend to pass it on by. We recommend offering this high demand variety in 1.0 Royale™ containers to achieve the proper price point. New this year.

Growing Tips for Angel Wings

- High light in production is essential and will enhance the silvering of the foliage.
- Feed with 150-200 ppm N
- Allow the growing media to dry down between irrigations.
- Treat with a preventative broad spectrum fungicidal drench at time of liner planting.
- In growing group AB (see page 136).



LEMON CORAL® Sedum mexicanum

Scaevola aemula ANDSCAPE O T10-20cm (4-8") Vigor: 2

Meet the first-ever series of Scaevola aemula with star-shaped rather than fan-shaped flowers. Though both types have five petals, those of the new Stardiva™ series are arranged in a perfect star formation, lending a larger, fuller appearance to the blossoms. They are borne prolifically all season on compact, densely mounded to semi-trailing plants that are smaller overall than Whirlwind®. These outstanding cultivars are extremely durable in sun, heat, humidity, rain, drought and wind. Color doesn't get any easier than Stardiva!

STARDIVA® Blue Scaevola aemula US11795469 Violet blue flowers.

STARDIVA® Pink Scaevola aemula US11795469

Growing Tips for STARDIVA® Scaevola

- Requires high light in production.
- 150-200 ppm fertilizer.
- 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 136).

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.





WHIRLWIND® Scaevola aemula LANDSCAPE SQUE (8-14") Vigor: 3





For low maintenance color and season-long performance in the toughest conditions, choose Whirlwind. Their fan-shaped flowers may appear delicate, but these plants have their roots in rugged Western Australia bush country, so they thrive in heat, humidity and drought conditions. All three cultivars are well-branched and fill out baskets and upright containers fully. Their landscape performance is simply stellar.

WHIRLWIND® White Improved

Scaevola aemula 'DSCAPW1335' USPPAF CanPBRAF

Retaining the excellent vigor of the original, this improved selection has a much tidier, well-branched habit and awesome flower power. It is earlier to bloom, which makes it a better mixer in early season recipes, and is a great match for

Growing Tips for WHIRLWIND® Scaevola

- Requires high light in production.
- 150-200 ppm fertilizer.
- 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 136).

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.



A-PIII ** Thunbergia alata LANDSCAPE ** O T 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 quick 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.

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 136).

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

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



Trellis available for co-ex and injection containers produced by HC/Dillen.



Orange A-PEEL® Thunbergia alata

Coconut A-PEEL® Thunbergia alata "Volthu9327" USPP33361 CanPBRAF











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.

Growing Tips for CATALINA®

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

• Light shade is best for optimal 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. Should not need PGRs, as they are naturally compact.

AWARD WINNERS - CATALINA® Torenia

96 Awards including: Top Pick, Dallas Arboretum; Best Old Variety, University of Tennessee; Top Performer, University of Wisconsin; Top Performer In-Ground and Containers, Kansas State University



SUMMER WHITE Torenia LANDSCAPE OF 20-25cm (8-10")



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.
- Light shade is best for optimal growth.
- 200 ppm fertilizer.
- Application of Florel[®] delays flowering 8-10 weeks.
- Best in gallons and baskets.
- In growing group CB (see page 136).

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® Trailing Large Violet Torenia









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.

AWARD WINNERS - SUPERBENA® Verbena

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

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 136).

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. Lower temperatures or PGRs can be used to control growth. Either a light spray of Sumagic® at 5 ppm or a 2-5 ppm drench of Bonzi® is effective.



SUPERBENA® Cherryburst Verbena 'WNVERSVCB24' USPP35936 CanPBRAF

Superbena®



SUPERBENA® Cherryburst Verbena "WNVERSVCB24" USPP35936 CanPBRAF



SUPERBENA® COBALT™ Verbena "WNVESBIB" USPP34099 Can6971



SUPERBENA® Peachy Keen Verbena 'RIKAV36504' USPP29063 Can5786



SUPERBENA® PINK CASHMERE™ Verbena "WNVERSVPC24" USPP35935 CanPBRAF



SUPERBENA® Pink Shades Verbena 'USBENAL20'



SUPERBENA® Raspberry Verbena 'RIKAV45801' USPP30899 Can6299



SUPERBENA® Red Verbena 'RIKAV44101' USPP30962 Can6297



SUPERBENA® Stormburst Verbena 'RIKA18302M' USPP29640



SUPERBENA® Violet Ice Verbena 'RIKAV18302' USPP25396 Can4786



SUPERBENA® WHITEOUT™ Verbena 'RIKA1832M3' USPP30897 Can6301

Superbena Royale®



SUPERBENA ROYALE® Iced Cherry Verbena 'INVEBROICH' USPP23218 Can4587



SUPERBENA ROYALE® Plum Wine Verbena 'RIKAV14704' USPP25395 Can4785



SUPERBENA ROYALE® Romance Verbena 'RIKAV38602' USPP29013 Can5787

Superbena Sparkling®



SUPERBENA SPARKLING® Amethyst Verbena 'DVERBINPR' USPP32788 Can6492



SUPERBENA SPARKLING® Rosé Verbena 'RIKAV52102' USPP32683

SUPERBENA ROYALE® Verbena LANDSCAPE OF 15-30cm (6-12") W Vigor: 3









SUPERBENA SPARKLING® Verbena LANDSCAPE OF 15-30cm (6-12") Vigor: 3













SUPERBENA SPARKLING® Amethyst Verbena 'DVERBINPR' USPP32788 Can6492

Top-Selling Superbena

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

Superbena® Whiteout™

Superbena® Peachy Keen

Superbena® Red

Superbena Sparkling® Amethyst

Superbena Cobalt™

Superbena® Violet Ice

Superbena Royale® Plum Wine

Superbena® Pink Shades

Superbena Sparkling® Rosé

Superbena® Pink Cashmere™

Superbena® Stormburst

Superbena® Cherryburst

Superbena Royale® Romance

Superbena Royale® Iced Cherry

Superbena® Raspberry

Verbena Photoperiod Response

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

Photoperiod Hours 10, 11, 12, 13 (Day Neutral Response)

Superbena Royale® Plum Wine Superbena® Cobalt™

Photoperiod Hours 11, 12, 13, 10 (Facultative Long-day Response)

Superbena Sparkling® Amethyst Superbena® Pink Cashmere™

Photoperiod Hours 12, 13, 10, 11 (Facultative Long-day Response)

Superbena® Cherryburst Superbena® Peachy Keen

Photoperiod Hours 13, 10, 11, 12 (Facultative Long-day Response)

Superbena Royale® Romance Superbena Sparkling® Rosé

Superbena® Pink Shades

Superbena® Red

Photoperiod Hours 13, 12 (Obligate Long-day Response)

Superbena Royale® Iced Cherry

Superbena® Raspberry

Superbena® Stormburst

Superbena® Violet Ice

Superbena® Whiteout™

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 136).

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.



Recommended replacements for dropped annual varieties for 2026

DROPPED VARIETY RECOMMENDED REPLACEMENT

| ANGELFACE® Cascade Pink Angelonia | ANGELFACE® Cascade White Angelonia |
|---|---|
| COLORBLAZE® Royale APPLE BRANDY® Coleus | COLORBLAZE® El Brighto Coleus |
| LUSCIOUS® CITRON™ Lantana | LUSCIOUS® Royale LEMON TART™ Lantana |
| WHITE KNIGHT® Lobularia | WHITE KNIGHT® Improved Lobularia |
| WHIRLWIND® STARLIGHT™ Scaevola | WHIRLWIND® White Improved Scaevola |
| WHIRLWIND® White Scaevola | WHIRLWIND® White Improved Scaevola |
| SUMMER WAVE® Trailing Large Amethyst <i>Torenia</i> | SUMMER WAVE® Trailing Large Violet <i>Torenia</i> |
| CAKE POPS® Pink <i>Verbena</i> | SUPERBENA® Pink Shades Verbena |
| CAKE POPS® Purple <i>Verbena</i> | SUPERBENA® Violet Ice Verbena |
| SUPERBENA® Scarlet Star Verbena | SUPERBENA® Red Verbena |
| ILLUSION® Emerald Lace <i>Ipomoea</i> | Sweet Caroline MEDUSA™ Green <i>Ipomoea</i> |
| ILLUSION® Midnight Lace <i>Ipomoea</i> | Sweet Caroline MEDUSA™ Black <i>Ipomoea</i> |
| ILLUSION® Penny Lace <i>Ipomoea</i> | Sweet Caroline MEDUSA™ Black <i>Ipomoea</i> |
| 'Golden Delicious' <i>Salvia</i> | COLORBLAZE® LIME TIME® Verbena |

Name updates for annual varieties for 2026

PREVIOUS NAME UPDATED NAME

| LADYBIRD® Sunglow Calylophus | SUPERLOPHOUS® Sunglow <i>Oenothera</i> |
|--|---|
| 'Coffee Cups' <i>Colocasia</i> | ISLAND GIANTS™ 'Coffee Cups' Colocasia |
| HEART OF THE JUNGLE® Colocasia | ISLAND GIANTS™ HEART OF THE JUNGLE® Colocasia |
| LAGUNA® Compact Blue with Eye <i>Lobelia</i> | LAGUNA® Royale Blue Pearl <i>Lobelia</i> |
| KARALEE® Petite Pink Gaura lindheimeri | KARALEE® Petite Pink <i>Oenothera lindheimeri</i> |
| STRATOSPHERE® Pink Gaura lindheimeri | STRATOSPHERE® Pink Oenothera lindheimeri |
| STRATOSPHERE® White Gaura lindheimeri | STRATOSPHERE® White Oenothera lindheimeri |
| SUPERTUNIA TIARA™ Blue <i>Petunia</i> | SUPERTUNIA® Blue TIARA™ Petunia |
| SUPERTUNIA TIARA™ Pink <i>Petunia</i> | SUPERTUNIA® Pink TIARA™ <i>Petunia</i> |
| INTENSIA® Blueberry Phlox | SOUTHERN BLAZE™ Blueberry <i>Phlox</i> |
| INTENSIA® Red Hot <i>Phlox</i> | SOUTHERN BLAZE™ Red Hot <i>Phlox</i> |
| INTENSIA® White Phlox | SOUTHERN BLAZE™ White <i>Phlox</i> |

^{*} Customers may receive tags with either their previous or new names as we work through tag inventories. We will do our best to avoid sending our customers both versions.

Proven Accents°



SILVER BULLET®

Artemisia stelleriana









Meet one of the best plants for in-demand low water combinations and landscapes. Lacy textured, silvery leaves artfully weave their way through combinations, playing well with other medium vigor plants and coordinating well with any colors you choose. Also useful as a low maintenance spreader for sunny landscapes.

Growing Tips for SILVER BULLET®

- Good water management practices are critical to healthy plant growth; water well and then allow the plant to draw the water from the soil.
- Growing plants with too much irrigation can cause chlorisis, keep plants on the dry side.
- Once established in the container, plants can be moved outdoors to create more greenhouse space. Protect if temperatures drop below 29° F especially in the first 10 days after moving outside.
- If the crop becomes overgrown, plants can be sheared to shape. They can also be shaped after flowering in landscape use.
- 150-200 ppm fertilizer for optimal growth.
- In growing group AC (see page 136).







An iconic accent plant for hanging baskets and upright containers is the asparagus fern. It forms a dense mound of fresh green, arching fronds of needlelike foliage that are soft to the touch. This classic spiller thrives in part shade in all zones and will handle direct sun in cooler climates, so it is easy to use in a wide variety of container recipes.

Growing Tips for Asparagus Fern

- Prefers low to medium light conditions.
- Feed with 100-150 ppm N.
- Avoid allowing the soil to dry to point of wilting as this will cause leaf drop.
- Cold temperatures can cause foliar bleaching.
- In growing group BB (see page 136).

Notes: No pinching or PGRs are needed for asparagus fern. General scouting practices are needed; watch for aphids.



SILVER BUILLET® Artemisia stelleriana

$\Pr[ASUS^*_{Begonia}]$





3 30-46cm (12-18") Vigor: 3

This impressive begonia features glossy, durable, deep green leaves with extensive silver markings. Its upright habit makes it an eye-catching thriller in combination containers and it looks great in landscapes, too.

Growing Tips for PEGASUS®

- 150-200 ppm N.
- No growth regulators recommended or needed.
- Good air circulation and bright but filtered light will decrease the threat of botrytis.
- Pegasus is tough and durable, however still needs temps above 50° F to look its best.
- In growing group BA (see page 136).

Notes: Treat with preventative broad spectrum fungicidal drench at transplant. Scout crops regularly (at least once a week) for disease development.

AWARD WINNER - PEGASUS® Begonia

27 Awards including: Top Performer, Colorado State University; Top Performer, Jardin Daniel A Seguin; Top Performer, Massachusetts Horticulture Society; Leader of the

'Variegatum' Chlorophytum comosum (Spider Plant)





30-46cm (12-18") Vigor: 2

This popular, easy care houseplant makes a fun addition to shade container recipes as a trailing plant with great texture. Strappy green leaves with bright white edges form a weeping, arching clump from which numerous plantlets form on hanging stems. Small, white, star-shaped flowers come and go throughout the season.

Growing Tips for 'Variegatum'

- High light in production will accentuate the leaf colors.
- Feed with 100-150 ppm N.
- Spider plants are sensitive to both Fluorides and Boron, so it is best to avoid them in your nutrient mix.
- In growing group BC (see page 136).



PEGASUS® Begonia



SILVER FALLS™

Dichondra argentea









This versatile spiller enhances hanging baskets and upright container recipes with its long, trailing stems lined with small, metallic silver leaves that flow from the edges of containers like a sparkling waterfall. It is exceptionally tolerant of heat, humidity and drought.

Growing Tips for SILVER FALLS™

- Requires high light levels in production.
- Feed with 150-200ppm N.
- Easiest to grow in warm, dry conditions. Let the crop dry out well before watering again.
- In growing group BA (see page 136).

Notes: Pinching should not be necessary. A tank mix of 5000ppm B-Nine® and 1000ppm Cycocel® applied one week after transplant will increase branching, control stem length and prevent plants from tangling. It will also increase the silvering of the foliage.

AWARD WINNER - SILVER FALLS™ Dichondra

1 award: Top Performer-Hanging Basket Sun, Dallas Arboretum

SILVER RIVER™

Didelta carnosa





Ideal for hot, arid, sunny landscapes and containers, this semisucculent accent plant shines with shimmering silver, velvety foliage which forms a relatively low, compact, spreading mound. It maintains a tidy shape without trimming, making it a low maintenance choice for xeriscapes. It offers striking color contrast and terrific texture when paired with other heat and drought tolerant plants like lantana and fan flower.

Growing Tips for SILVER RIVER™

- This is a high light crop suitable for glass greenhouses; can also be grown well in poly houses when managed with PGRs.
- Feed with 100-150 ppm N.
- Water in the morning, taking care to keep water off the foliage. Allow leaves to dry before sunset.
- Suitable for 4.25" Grande™ production and as a filler in baskets and upright recipes.
- In growing group BC (see page 136.)

Notes: Pinch plants once 2 weeks after transplant. Space plants to allow for good



SILVER FALLS™ Dichondra argentea

SILVER RIVER™ Didelta Sobkowich only

English IVV Hedera helix







LANDSCAPE OO T8-20 cm (3-8") Vigor: 2 except Needlepoint – Vigor: 1

lvy is incredibly useful in designing upright containers and hanging basket recipes since it grows in any conditions - sun or shade, moist or dry, in cool or warm climates. Use it as a spiller, a climber on trellises and fences, or on topiary forms. Both solid and variegated-leaf forms are available; variegated selections tend to have a slower growth rate.

Growing Tips for English Ivy

- Prefers medium light conditions.
- Feed with 150-200 ppm N.
- Do not allow the plant to dry to the point of wilting or leaf burn will occur.
- In growing group BB (see page 136).

Notes: Pinch at time of transplant, leaving at least three nodes intact. For larger pot sizes, multiple pinches can be beneficial. No PGRs are necessary. General scouting practices are needed; watch for spider mites. Glacier Hedera helix Needlepoint Hedera helix Sobkowich only



PATRICIA® Hedera helix Sobkowich only

Licorice Plant Helichrysum





LANDSCAPE 20-30cm (8-12") Vigor: 3 | lcicles: 20-41cm (8-16") Vigor: 2

These beautiful and undemanding accent plants are easy to use in hanging baskets, upright containers and window boxes as a fun foliage filler or spiller. Like many silver foliage plants, they are sun, heat and drought tolerant and require little fertilizer to thrive. lcicles makes an eye-catching upright filler with its dense, needlelike foliage. The smaller-leafed selections add a pop of silver on long, arching stems in mixed color combos.

Growing Tips for Licorice Plant

- Prefers medium to high light conditions.
- Feed with 150-200 ppm N.
- Avoid wet or moist soils in low light months.
- In growing group CB (see page 136).

Notes: Pinch plants once and drench with a preventative fungicide two weeks after transplant. General scouting practices are needed; watch for spider mites, aphids and whiteflies. PGRs are not necessary. Trim trailing varieties to shape if growing in large containers or combinations.



SWEET CAROLINE Ipomoea batatas







IANDSCAPE 1 15-41cm (6-16") Vigor: 3 except Sweet Caroline Bewitched Green with Envy: Vigor: 4

Sweet potato vines have long been essential components of container recipes and landscapes. The exceptional genetics we offer include a wide range of colors, shapes and habits. All are selected against flowering and potato production and are selected against displaying oedema under high stress conditions, which ensures vigorous growth. Sweet Caroline Medusa™ varieties replace the Illusion® series this year.

Sweet Caroline MEDUSA™ Black *Ipomoea batatas* 'NCORNSP-033SCMP' USPPAF CanPBRAF Building on our exclusive palm-shaped *Ipomoea* form, this new dramatic black selection has a slightly looser habit than Medusa Green, helping it to mix beautifully in recipes. Its thick leaves don't flag or fade in the heat. New this year.

Sweet Caroline Sweetheart SHADOWSTORM™ Ipomoea batatas 'NCORNSP-034SCVPG' USPPAF CanPBRAF

Displaying improved branching over older variegated selections, this black and green flecked *Ipomoea* is a refined yet dynamic spiller whose uniquely patterned leaves will surely stand out at retail. Emerging green, then developing variegation with maturity and UV light exposure, the heart-shaped leaves are borne from tighter internodes, resulting in a more compact plant. New this year.

Growing Tips for Sweet Caroline

- 150-200 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-Nine® to maintain shape on 4.5".
- This crop loves the heat and humidity. For the fastest crops keep production temperatures over 70° F and keep fertility levels fairly high.
- In growing group BC (see page 136).

Notes: Treat with a broad spectrum fungicidal drench 1-2 weeks after transplant. Pinch liners once, 2 weeks after transplant.

AWARD WINNER – SWEET CAROLINE Ipomoea batatas

429 Awards including: Leader of the Pack, North Carolina State; Prairie Star, Kansas State; Best Varieties, Penn State

Proven Winners Ipomoea Comparison Chart

| Series | Varieties | Distinguishing Characteristics | Breeding Goal | Colors | Habit | Branching – Relative to Others | Flowering | Leaf Shape | PGR Requirements |
|------------------------------|--|--|---|---|-----------------------|--------------------------------------|---|-------------------------------------|---|
| Sweet Caroline Bewitched | Bewitched After Midnight™ Bewitched Green with Envy™ | Compact mounding but not trailing habit; more upright initially; serrated leaf margin | Mounding habit with serrated leaf | Light green, purple-black | Compact | Medium to high | Occasionally under short days, low light | Serrated margin | Not needed |
| Sweet Caroline Sweetheart | Jet Black™ Lime Mahogany™ Shadowstorm™ | Enhanced branching over Sweet Caroline series; heart- shaped leaves | Same as Sweet Caroline | Purple-black, light green, red, variegated | Moderately compact | Medium | No | Entire, cordate | May be needed for holding plants and small container sizes |
| Sweet Caroline | Medusa™ Black Medusa™ Green Raven™ Red Hawk™ | Enhanced branching and reduced stem elongation over free varieties | Bred for reduced internode size, better branching and reduced storage root formation | Light green, red, purple- black | Mounding | Medium | No | Palm- shaped, deeply lobed | May be needed for holding plants and small container sizes |
| | Light Green | Enhanced branching and reduced stem elongation over free varieties | Bred for reduced internode size, better branching and reduced storage root formation | Light green | Trailing | Medium | No | Deeply lobed | May be needed for holding plants and small container sizes |
| | Margarita | Aggressive trailing growth | First ornamental sweet potato on the market | Chartreuse | Trailing | Low | Occasionally under short days, low light | Entire, cordate | May be needed for holding plants and small container sizes |





Margarita Ipomoea batatas







7 10-25cm (4-10") Vigor: 4

When a long, bold, strongly trailing spiller is what you need, choose Margarita sweet potato vine which can trail as long as six feet (1.83 meters) by season's end. Heart-shaped, chartreuse leaves line the mostly unbranched stems. This popular vine exhibits good heat tolerance and will grow well in both sun and part shade. It is versatile for use in hanging baskets and upright containers or can be planted as an annual groundcover in the landscape.

> Margarita Ipomoea batatas

PINK CHABLIS®

Lamium maculatum















Easily adaptable for containers and landscapes, this versatile plant thrives in sun and shade. Its cool silver foliage complements the pretty pink blossoms that dot the trailing stems.

Growing Tips for PINK CHABLIS®

- Can be produced under high or low light levels.
- 150-200 ppm fertilizer for optimal growth.
- Leaf purpling can occur when grown in low-fertility situations or cold temperatures.
- Very tolerant of cool temperatures; can be moved outdoors once temps are above 28° F (-2° C).
- All Lamiums are susceptible to downy mildew, scout crops regularly.
- In growing group AC (see page 136).

Notes: Winter flowering occurs in Sunbelt states. No pinching or growth regulator needed.

AWARD WINNER - PINK CHABLIS® Lamium

6 Awards including: Top Pick, Dallas Arboretum; Top Performer-Perennial, Colorado State University; Knock Your Socks Off, University of Georgia;





Goldilocks

Lysimachia nummularia





5-10cm (2-4") Vigor: 3



This popular, brilliant gold to chartreuse spiller for container recipes has a strictly trailing habit so it won't take up any extra space in the basket and will leave plenty of room for its medium vigor companions. Retains its color well all season and complements everything it's paired with, from bright to pastel color palettes.

Growing Tips for Goldilocks

- High light loving plant in the North and humid climates; requires some shade or filtered light in the South.
- Bright light will intensify the golden color.
- 150-200 ppm N.
- Cool growing conditions will slow the growth of the crop.
- In growing group BC (see page 136).

Notes: Treat with a preventative broad spectrum fungicidal drench 2 weeks after transplant. Pinch once two weeks after transplant. If dried down, Goldilocks will become susceptible to diseases; moisture fluctuation in the soil can lead to phytophthora. Scout regularly for mites which can be problematic.

WAIKIKI SUNSET™

Lysimachia congestiflora







TANDSCAPE 5-25cm (2-10") Vigor: 2

Tired of using the same trailing plants in your recipes? This versatile spiller for sun and shade features dynamic gold and green variegated foliage with relatively short, trailing stems accented by occasional yellow blossoms that bring in the pollinators. Easy to grow and use in container recipes and can also be used as a perennial groundcover in zones 7 and up.

Growing Tips for WAIKIKI SUNSET™

- High light loving plant in the North and humid climates; requires some shade or filtered light in the South.
- Bright light will intensify the variegation.
- 150-200 ppm N.
- Cool growing conditions will slow the growth of the crop.
- In growing group BC (see page 136).

Notes: Treat with a preventative broad spectrum fungicidal drench 2 weeks after transplant. Pinch once two weeks after transplant. If dried down, Waikiki Sunset will become susceptible to diseases; moisture fluctuation in the soil can lead to phytophthora. Scout regularly for mites which can be problematic.



Big Leaf Creeping Wire Vine

Muehlenbeckia complexa







TANDSCAPE 10-15cm (4-6") Vigor: 2

If your spiller roster could use a little refresher, consider big leaf creeping wire vine. Branding elevates the value of this spiller for premium recipes. It's as versatile as ivy or vinca in sun and part shade, but fuller with an airier texture. Pair it with any medium vigor plants in baskets or upright containers, or use it as a perennial groundcover in zones 8 and up.

Growing Tips for Big Leaf Creeping Wire Vine

- Requires bright light in production.
- 150-200 ppm N.
- Cool growing conditions will slow the growth of the crop.
- In growing group BC (see page 136).

Notes: Treat with a preventative broad spectrum fungicidal drench 2 weeks after transplant. Pinch once two weeks after transplant. Moisture fluctuations in the soil can lead to root diseases and sometimes leaf drop. This plant will take drier soil conditions, but growth will be slowed. Scout regularly for mites which can be problematic.

AWARD WINNER - Big Leaf Creeping Wire Vine Muehlenbeckia

12 Awards including: Perfect Score, Texas Tech University; Best of Species, Directors Select, Penn State University; Top Performer, University of Minnesota

Swedish Ivy

Plectranthus coleoides variegata





© 15-46cm (6-18") Vigor: 4



A longtime favorite of consumers and so easy to grow. Branding elevates the value of this spiller in premium recipes where it can keep up with our most vigorous annuals like Supertunia® and Superbena®. Cascading fountain-like branches lined with fuzzy, bright cream and lime green variegated, scalloped leaves are highly fragrant, keeping deer at bay.

Growing Tips for Swedish Ivy

- Prefers high light in production.
- 150-200 ppm N.
- Prefers good drainage to perform well.
- Easy to control growth habit by pinching and trimming.
- Cold is a good natural growth regulator. Foliage will blush with cooler temperatures but will shift back when temperatures rise.
- In growing group AC (see page 136).

Notes: Pinch at 1-2 weeks after transplant if needed. For hanging baskets and pots larger than 6", make a soft pinch at planting and trim around pot just prior to hanging. Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high.



Persian Shield

Strobilanthes dyerianus





1ANDSCAPE 46-91cm (18-36") Vigor: 3

This essential tropical accent plant makes a bold thriller in containers and landscapes. Long, narrow leaves are uniquely iridescent purple with black, green and silver accents. It thrives in warm, humid weather. The brightest coloration occurs in part shade in all but the coolest climates where it will grow in full sun. It is also adaptable as a houseplant.

Growing Tips for Persian Shield

- Prefers high light conditions.
- Feed with 150-200 ppm N.
- In growing group BB (see page 136).

Notes: Pinch plants once and drench with a preventative fungicide two weeks after transplant. A second pinch is optional based on your container size. Cycocel®, B-Nine® and Bonzi® are all effective at controlling height and internodal stretch. General scouting practices are needed; watch for spider mites, aphids and whiteflies.

Persian Shield Strobilanthes dyerianus

Sobkowich only

'Purple Queen'

Tradescantia pallida











Purple continues to rank as the most popular color among consumers, and this tropical purple trailing succulent always sells. It retains its deep coloring all season in sun or shade, high heat and drought conditions. Elevate it in your lineup with Proven Winners branding for premium container recipes or sell as a perennial groundcover in zones 8 and up.

Sobkowich only

Growing Tips for 'Purple Queen'

- Requires high light in production.
- 150-200 ppm N.
- Good air circulation and water drainage are important. Use a well-drained soil mix.
- Good water management practices are critical to healthy plant growth.
- In growing group BB (see page 136).

Notes: Upon planting, water in the liners without saturating the soil. Allow the soil to stay relatively dry for 7-10 days to establish a strong root system. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Pinch 2 weeks after transplant. Benefits from frequent pruning to keep the plants full. Apply growth regulators as needed for height control; secondary pinches or tip removals will promote branching and control growth.

AWARD WINNER - 'Purple Queen' Tradescantia

19 Awards including: Perfect Score, Oregon State University; Best of Species, Penn State; Best of Breed, NC State



'Purple Queen' Tradescantia pallida Sobkowich only

'Variegata' and 'Wojo's Jem' vinca









A delicate accent for hanging baskets, upright containers and window boxes, these trailing vinca vines won't take up much room but will make a beautiful visual impact. Use the more subtle toned 'Variegata' with pastels and patterned companions, or the strongly variegated 'Wojo's Jem' with bold, solid colored companions. These vines grow quickly and tolerate sun or shade conditions.

Growing Tips for 'Variegata' and 'Wojo's Jem'

- Prefers high light conditions.
- Feed with 150-200 ppm N.



Proven Selections°





Agrostis stolonifera

Green Twist



The bushy, grasslike foliage on this variety resembles bamboo with a healthy looking, unique vining habit. Green Twist must be kept well-watered during hot spells. Trailing habit. *Nordic*

Aptenia

Variegata

Aptenia Variegata is a fast growing, trailing succulent that works perfectly in succulent baskets and planters. The cream and green leaves are covered with small magenta flowers in summer and fall. *Nordic*

Begonia

BELLECONIA™ Series



Large double blooms start earlier and keep blooming longer with increased heat and light level tolerance. *Nordic*

BELLECONIA™ Cream

BELLECONIA™ Hot Orange

BELLECONIA™ Rose

BELLECONIA™ Snow

BELLECONIA™ Soft Orange

Begonia x hiemalis

SOLENIA® Series

20-30cm (8-12")

Compact, well-branched plants that set big, double blooms on glossy, dark foliage. Great sun tolerance. *Nordic*

SOLENIA® Dark Pink SOLENIA® Light Pink

Begonia

SUMMERWINGS® Series

(8-12") ^{*}20-30cm

Huge, airy single blooms with continuous flowering all summer. Blooms earlier than traditional tuberous begonias. *Nordic*

SUMMERWINGS® Dark Elegance

SUMMERWINGS® Deep Red

SUMMERWINGS® Orange

Coleus scutellarioides

Fishnet Stockings

○ • ±61-91cm (24-36")

Symmetrical bright green leaves appear to be hand-painted with a deep burgundy variegation. *Nordic*

Cosmos astrosanguineus

Choca Mocha

25-30cm (10-12")

Delicate chocolate-colored flowers are held on sturdy stems surrounded by fern-like foliage. *Nordic*

Fuchsia

Dark Eyes

10-20cm (4-8")

Beautiful, deep blue corollas with red sepals from spring to fall. *Nordic*

Fuchsia

Swingtime

10-30cm (4-12")

Flowers with rich red sepals and white corollas bloom from spring to fall. *Nordic*

Fuchsia

Wilma Verslot

*** 25-36cm (10-14")

Stunning single blooms feature crimson red sepals and royal purple corollas that bloom spring to fall. Everblooming, even in full sun. *Nordic*

Pelargonium

TIMELESS™ Geranium

30-46cm (12-18")

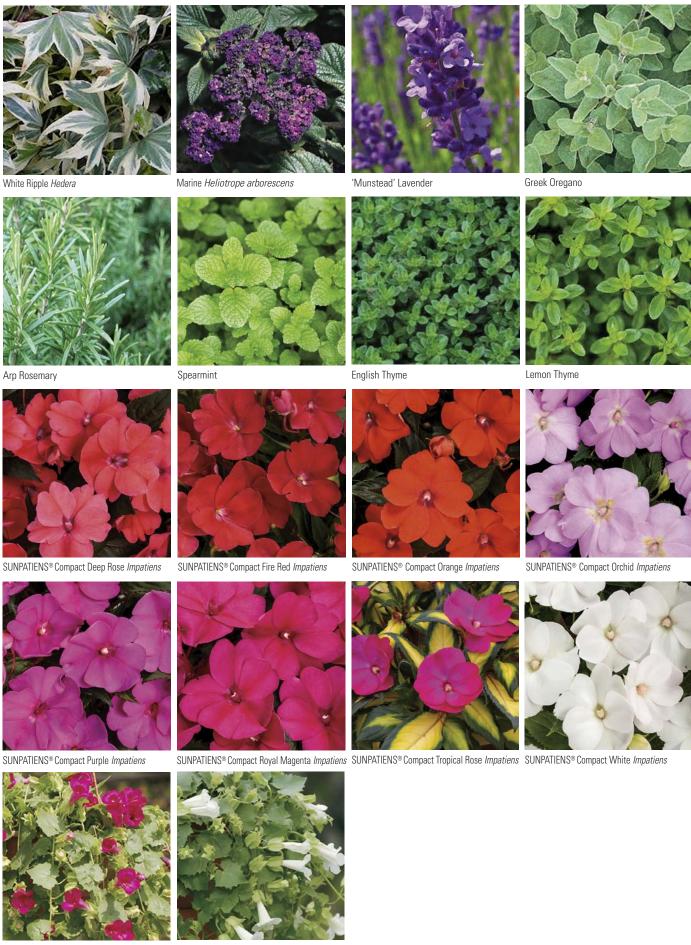
Timeless geraniums share the same great genetics as their forerunner, Caliente, which are popular with consumers. This interspecific cross between zonal and ivy geraniums exhibits more ivy traits than zonal traits. Available in a trio of vibrant colors, all three share exceptional heat tolerance and deliver a strong garden performance. Timeless Fire's habit is more cascading and very well-branched, while the others are more mounded and compact. *Nordic*

TIMELESS™ Fire 'PEQZ0047' USPP30611

TIMELESS™ Lavender 'PEOZ0010' USPP28258

TIMELESS™ Orange 'Cante Oran' USPP20686 Can3733

Some or all of the varieties listed herein may be protected under one or more for the following: Plant Variety Protection, United States Plant Patents, Utility Patents, and/or Plant Breeders' Rights and may not be propagated or reproduced without authorization.



LOFOS® Compact Rose Lophospermum

LOFOS® Compact White Lophospermum

Hedera

White Ripple



White Ripple has strong white and green variegation on 5-lobed leaves. Slower growing and self-branching. White Ripple is a trailing variety that works well in baskets or containers. *Nordic*

Heliotrope arborescens

Marine

38-51cm (15-20")

Large clusters of deep purple, vanilla-scented flowers all summer. Heat tolerant. *Nordic*

Herbs Nordic

'Munstead' Lavender

30-46cm (12-18") Zones 5-8

Compact English Lavender strain with soft blue flowers.

Greek Oregano

30-41cm (12-16")

Compact well-branched variety. Essential herb for Greek or Italian cooking.

Arp Rosemary

Strong upright growth with grey green needles.

Spearmint

30-41cm (12-16")

Traditional spearmint flavor.

English Thyme

Vigorous, spreading plants with strong flavor.

Lemon Thyme

15-30cm (6-12")

Semi-upright plants with strong citrusy flavor.

Impatiens

SUNPATIENS® Compact Series

41-76cm (16-30")

An industry leader in sun-loving impatiens, robust SunPatiens® Compact varieties bloom non-stop from spring through fall in full sun to part sun landscapes and containers. Their bushy, well-branched foliage is not affected by downy mildew, making them an ideal replacement for *Impatiens walleriana*, especially in Southern climates. *Nordic*

SUNPATIENS® Compact Deep Rose'SAKimp017' USPP21753

SUNPATIENS® Compact Fire Red'SAMKIMPO39' USPP28590

SUNPATIENS® Compact Orange 'SAKimp011' USPP19498

SUNPATIENS® Compact Orchid 'SAKIMPO41' USPP28417

SUNPATIENS® Compact Purple SAKIMPO44' USPP27995 US Utility 10149452

SUNPATIENS® Compact Royal Magenta SAKIMPO16 USPP26692

SUNPATIENS® Compact Tropical Rose'SAKIMP037' USPP28027 Can6391

 $\textbf{SUNPATIENS}^{\textcircled{\$}} \ \textbf{Compact White}^{'SAKIMP027' \ USPP24230}$

Lophospermum

LOFOS® Series

The Lofos® series tells it like it is. Tubular flowers adorn a cascading vine, which has a climbing habit and can be trained on a trellis. *Nordic*

LOFOS® Compact Rose

LOFOS® Compact White



CHARMED® Wine Oxalis triangularis



MOLTEN LAVA™ Oxalis vulcanicola



SURFINIA® Deep Red Petunia



SURFINIA® Giant Blue Petunia



SURFINIA® Giant Purple Petunia



SURFINIA® Heartbeat Petunia



String of Pearls Senecio rowleyanus

Oxalis triangularis

CHARMED® Wine



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. Nordic

Oxalis vulcanicola

MOLTEN LAVA™

Great color on this beauty. In low light the foliage is chartreuse, and in sunnier locations it's golden yellow. Nordic

Petunia

SURFINIA® Series

These cascading petunias are strong and prolific growers that can take the heat. The Surfinia series features a range of vibrant colors that look spectacular in window boxes and hanging baskets. Nordic

SURFINIA® Deep Red

SURFINIA® Giant Blue 'Sunsurfgigabu' USPP17645 Can2839

SURFINIA® Giant Purple

SURFINIA® Heartbeat

Senecio rowleyanus

String of Pearls

Trails 61-91cm (2-3')

Round, succulent leaves carried down long, slender stems. They look more like peas than pearls, but this succulent is definitely a gem. Nordic

Cultural Information



| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirement | Planting s and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|---|--------------------|--------------------|----------------------------|------------------------|------------------------------------|----------------------|---|---|--|
| MAESTRO® Agastache | Vigor 3 | 5.8 - 6.2/1.0 -2.0 | 66-72° F (19-22° C) | 65-85° F (18-30° C) | 50-65° F (10-18° C) | Moderate | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-8; for 7-9" 8-10 | Last to go outside |
| ARTIST® Blue Ageratum | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Early Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Last to go outside |
| ANGELFACE® Angelonia | Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 60-65° F (16-18° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-8; for 8", 7-9; for 10-12", 10-14 | Do not finish outside |
| BUTTERFLY Argyranthemum | Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 60-65° F (16-18° C) | 40-50° F (4-10° C) outdoors | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-8; for 8", 7-9; for 10-12", 10-14 | First to go outside |
| SILVER BULLET® Artemisia | Vigor 3 | 5.8 - 6.5/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 8-10 | First to go outside |
| Asparagus Fern Asparagus | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 65-72° F (18-22° C) | Moderate to Moist | Spring to Summer Finish. Standard Plants Per Container. | For 4-5" and QT, 5-6; for 6"/gallon, 7-9 | Do not move outside until all danger of frost is past |
| DOUBLE DELIGHT® and SOLENIA® Begonia | Vigor 2 | 5.5 – 6.2/.69 | 70-75° F (21-24° C) | 65-72° F (18-22° C) | 65-72° F (18-22° C) | Dry to Moderate | Spring to Summer Finish. Standard Plants Per Container. | For 4-5", 6-8; for 6"/gallon, 6-8; for 10-12", 8-12 | Do not move outside until all danger of frost is past |
| DOUBLE UP™ Begonia | Vigor 2 | 5.5 – 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 65-72° F (18-22° C) | Dry to Moderate | Spring to Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 6-8; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| PEGASUS® Begonia | Vigor 3 | 5.5 - 6.0 /.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 65-72° F (18-22° C) | Dry to Moderate | Spring to Fall Finish. | For 4-5", 5-7; for quarts, 6-8; for 6"/gal, 7-9; for 10-12". 10-12 | Do not move outside until all danger of frost is past |
| SPACE AGE™ Begonia rex | Vigor 2 | 5.8 – 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 65-68° F (18-20° C) | Dry to Moderate | Spring to Winter Finish. Standard Plants Per Container. | For 4-5", 7-9; for 6"/gallon, 10-12; for 10". 12-14; | Do not move outside until all danger of frost is past |
| SUREFIRE® Begonia | Vigor 4 | 5.5 – 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 65-72° F (18-22° C) outdoors | Dry to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 6-8; for 8", 7-9; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| CAMPFIRE® series and GOLDILOCKS ROCKS® Bidens | Vigor 2 Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Second to go outside |
| ENDLESS™ Browallia | Vigor 2 | 6.5 - 7.5/.69 | 70-85° F (21-29° C) | 70-85° F (21-29° C) | 70-85° F (21-29° C) | Moderate to Moist | Late Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 6-9; for 8", 8-9; for 10-12", 9-13 | Last to go outside |

VIGOR KEY – 1 to 4, with 1 representing the slower, smaller growers and 4 representing the quickest, largest growers. For combinations, choose varieties with the same vigor rating to ensure success.

| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirements | Planting and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|--|--|---------------------|----------------------------|------------------------|------------------------------------|--|---|--|--|
| SUPERBELLS® Calibrachoa | Vigor 2 | 5.5 - 5.8/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Second to go outside |
| TOUCAN® Canna | Vigor 4 | 6.2 -7.0/1.0 -2.0 | 75-85° F (24-30° C) | 75-85° F (24-30° C) | 65-72° F (18-22° C) | Moist | Late Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 6-8; for 6"/gallon, 6-8; for 8", 8-10; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| 'Variegatum' Chlorophytum comosum | Vigor 2 | 6.0 - 6.5/.68 | 68-72° F (20-22° C) | 65-70° F (18-21° C) | 50-55° F (10-13° C) | Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 6-8; for 6"/gallon, 8-9; for 8", 11-12 | Last to go outside |
| FLAMBE® Yellow Chrysocephalum | Vigor 2 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Dry to Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-6; for 6"/gallon, 6-8; for 8", 8-10; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| SEÑORITA Cleome | Vigor 4 | 5.8 - 6.2/1.0 - 2.0 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Dry to Moderate | Mid-Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-6; for 6"/gallon, 8-10; for 8", 8-10; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| COLORBLAZE® Vigor 2: MINI ME™ Chartret and MINI ME™ Watermelo Vigor 3: Royale CHERRY BI LIME TIME® and VELVETE Vigor 4: Dipt in Wine, El Br REDICULOUS®, SEDONA S Cherry Drop, Strawberry I | n, RANDY®, EN® ighto, GOLD SUNSET®, TI | ORCHLIGHT®, Choco | late Drop, | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to High Standard Plants Per Container, | Spring through Summer Finish. 6-8; for 8", 8-10; for 10-12", 10-12 | For 4-5", 5-6; for 6"/gallon, outside | Do not finish |
| ISLAND GIANTS™ 'Coffee Cups' and HEART OF THE JUNGLE® Colocasia | Vigor 3 | 5.8 - 6.2/.69 | 70-75° F (21-24° C) | 70-75° F (21-24° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring to Summer Finish. Standard Plants Per Container. | For QT, 7-9; for 6"/gallon, 9-11; for 14", 13-15 | Do not move outside until all danger of frost is past |
| VERMILLIONAIRE® Cuphea | Vigor 3 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 50-60° F (10-15° C) outdoors | Moderate to Moist | Late Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-6; for 6"/gallon, 8-10; for 10-12" 10-12 | Last group to go outside |
| TOTALLY TEMPTED® Cuphea procumbens | Vigor 3 | 5.8 - 6.2/.69 | 68-72° F (20-22° C) | 70-78° F (21-26° C) | 65-72° F (18-22° C) | Dry to Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 8-9; for 6"/gallon, 8-9; for 8-12" 8-9 | Do not move outside until temps are above 50°F (10°C) |
| MYSTIC Illusion Dahlia | Vigor 3 | 5.8 - 6.2/.8 -1.2 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-15° C) | Moderate to Moist | Early Spring to Summer Finish. Standard Plants Per Container. | For 4-5", 5-6; for 6"/gallon, 6-8; for 8", 8-10; for 10-12", 10-12 | Do not finish outside |
| VIRTUOSO® Dahlia variabilis | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 60-65° F (15-18° C) | Moderate to Dry | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-6; for 6"/gallon, 6-7; for 8", 8-9; for 10-12", 10-12 | Do not finish outside |
| SILVER FALLS™ Dichondra | Vigor 3 | 5.5 - 5.8/.6 - 1.0 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 65-72° F (18-22° C) | Dry to Moderate | Spring to Fall Finish. Standard Plants Per Container. | For 4-5",4-5; for 6"/gallon, 5-7; for 10-12", 7-10 | Do not finish outside |

| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirement | Planting s and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|---|--|---------------------|----------------------------|------------------------|------------------------------------|----------------------|--|---|--|
| SILVER RIVER™ Didelta | Vigor 2 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Dry to Moderate | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-6; for 6"/gallon, 6-7; for 10" basket, 10-12 | Last to go outside |
| DIAMOND FROST® DIAMOND SNOW® DIAMOND MOUNTAIN® Euphorbia | Vigor 3 Vigor 3 Vigor 4 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Moderate to Moist | Early Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| BLUE MY MIND® BLUE MY MIND® XL Evolvulus | Vigor 2 | 6 - 6.9/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 50-60° F (10-16° C) outdoors | Dry to Moderate | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 7-9; for 6"/gallon, 10-12; for 8", 10-12; for 10-12", 12-14 | Last to go outside |
| TRUFFULA™ Pink Gomphrena | Vigor 4 | 6.0 - 6.5/0.6 - 0.9 | 65-72° F (18-22° C) | 65-72°F (18-22° C) | 50-60° F (10-16° C) | Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-9; for 10-12", 10-12 | Do not move outside |
| GRACEFUL GRASSES® BABY TUT®, KING TUT® and PRINCE TUT™ QUEEN TUT™ <i>Cyperus</i> | Vigor 4 Vigor 3 | 6 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-65° F (10-18° C) | Moderate to Moist | Early Spring through Summer Finish. Standard I liner per 6" container | For 4-5", 4-6; for 6"/gallon, 6-8; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |
| GRACEFUL GRASSES® BLUE MOHAWK® 'Curly Wurly' Juncus | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 40-50° F (4-10° C) | Moist to Wet | Spring to Summer Finish. Standard Plants Per Container. | For 4-5" and QT, 4-6; for 6"/gallon, 6-8 | Last to go outside |
| GRACEFUL GRASSES® 'Fireworks' Purple Fountain Grass 'Sky Rocket' VERTIGO® Pennisetum | Vigor 3 Vigor 3 Vigor 3 Vigor 4 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 50-65° F (10-18° C) outdoors | Moderate to Moist | Spring to Fall Finish. Standard Plants Per Container. | For 4-5" and QT, 4-8; for 6"/gallon, 6-9 for 7-9", 8-10; for 10-12" and 2 gallon, 10-14 | Do not move outside until all danger of frost is past |
| GRACEFUL GRASSES® Fiber Optic Grass Scirpus | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 50-65° F (10-18° C) outdoors | Moderate to Moist | Late Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-8; for 8", 7-9; for 10-12", 10-14 | Do not move outside until all danger of frost is past |
| English Ivy <i>Hedera</i> Needlepoint | Vigor 2 Vigor 1 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 60-65° F (16-18° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5" and QT, 5-6; for 6"/gallon, 7-8 | Last to go outside |
| SUNCREDIBLE® Helianthus | Vigor 4 | 5.5 - 5.8/1.0 - 2.0 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 7-9; for 10" basket or 14" upright, 8-9 | Second to go outside |
| Licorice Plant Helichrysum Icicles Helichrysum | Vigor 3 Vigor 2 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 40-50° F (4-10° C) | Dry to Moderate | Spring through Summer Finish. Standard Plants Per Container. | For 4-5" and QT, 5-6; for 6"/gallon, 6-8 | Last to go outside |
| AROMAGICA® Purple AUGUSTA® Lavender Heliotropium | Vigor 3 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate | Spring to Fall Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 8-10; for 10-12", 10-12 | Last to go outside |
| HIPPO® Hypoestes | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 70-80° F (21-27° C) | 65-70° F (10-18° C) outdoors | Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-9; for 8", 8-10; for 10-12", 10-12 | Last to go outside |

| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirements | Planting and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|--|--------------------------------|--------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|--|---|--|
| ROCKAPULCO® Impatiens | Vigor 2 | 5.8 - 6.2/.7580 | 68-74° F (19-23° C) | 65-75° F (18-24° C) | 50-60° F (10-16° C) | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 6-9; for 6"/gallon, 7-9; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |
| Sweet Caroline <i>Ipomoea</i> Sweet Caroline Bewitched Green with Envy™ and Margarita | Vigor 3 Vigor 4 Vigor 4 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 6-8; for 8", 8-10; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| Sweet Caroline Upside™ Ipomoea | Vigor 4 | 6.0 - 6.5/.69 | 70-75° F (21-24° C) | 70-75° F (21-24° C) | 50-60° F (10-16° C) outdoors | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not move outside until all danger of frost is past |
| SAFARI® Jamesbrittenia | Vigor 2 | 5.5-6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate | Spring to Fall Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 7-9; for 10-12", 10-12 | Last to go outside |
| PINK CHABLIS® Lamium | Vigor 3 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | First to go outside |
| LUSCIOUS® Vigor 3: BERRY BLEND™, CIT PINKBERRY BLEND™, Marn Vigor 2: Basket TANGEGLOV Colada, Royale LEMON TAF | nalade and GO V®, Grape, Ro | OLDENGATE™ oyale Cosmo, Roy | | 70-75° F (21-24° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5",5-7; for 6"/gallon, 7-9; for 8", 9-10 | Do not finish outside |
| LAGUNA® Lobelia | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 40-50° F (4-10° C) outdoors | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Second to go outside |
| Goldilocks <i>Lysimachia</i> | Vigor 3 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 6-8; for 8", 8-10 | First to go outside |
| WAIKIKI SUNSET® Lysimachia | Vigor 2 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 6-8; for 8", 8-10 | First to go outside |
| BLUSHING PRINCESS®, SNOW PRINCESS® VIOLET KNIGHT®, WHITE KNIGHT® Lobularia | Vigor 4 Vigor 3 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-55° F (4-12° C) outdoors | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | First to go outside |
| GOLDDUST® Mecardonia | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 70-75° F (21-24° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |

| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirements | Planting and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|--|--------------------|---------------------|----------------------------|------------------------------------|-----------------------------------|-----------------------------|---|---|--|
| Big Leaf Creeping Wire Vine <i>Muehlenbeckia</i> | Vigor 2 | 6.0 - 6.5/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 6-8; for 8", 8-10 | Last to go outside |
| SUNSATIA® Nemesia | Vigor 2 | 5.5 - 5.8/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) | Dry to Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; For 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Second to go outside |
| Bluebird and AROMANCE® Nemesia fruticans | Vigor 2 | 5.5 - 5.8/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | First to go outside |
| AMAZEL BASIL® Ocimum | Vigor 4 | 6.0 - 6.5/0.6 - 0.9 | 65-72° F (18-22° C) | 65-72°F (18-22° C) | 65-72°F (18-22° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 5-7; for 10-12", 7-9 | Last to go outside |
| SUPERLOPHUS™ Sunglow Oenothera | Vigor 2 | 5.5 - 5.8/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 40-50° F (4-10° C) | Dry to Moderately Dry | Spring to Fall Finish. Standard Plants Per Container. | For 4-5", 6-7; for 6"/gallon, 7-9; for 10-12", 10-12 | Second to go outside |
| STRATOSPHERE™ and KARALEE® Oenothera lindheimeri | Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 6-8; for 6"/gallon, 7-10; for 8", 8-11; for 10-12", 12-14 | First to go outside |
| BRIGHT LIGHTS™ Osteospermum | Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Dry to Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Last to go outside |
| CHARMED® Wine Oxalis regnellii | Vigor 1 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Early Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |
| SUNSTAR® Pentas | Vigor 2 | 6.0 - 6.8/.69 | 70-75° F (21-24° C) | 70-75° F (21-24° C) | 50-60° F (10-16° C) | Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 7-8; for 6"/gallon, 8-10; for 10" basket or 14" upright, 10-12 | Do not move out unless temps are guaranteed to be 50-60° (10-16° C) |
| SUPERTUNIA® except Giant Pink and Vista <i>Petunia</i> | Vigor 3 Vigor 4 | 5.5 - 5.8/1.0 - 2.0 | 65-72° F (18-22° C) | 55-65° F (12-18° C) outdoors | 40-50° F (4-10° C) | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 8-10 | First to go outside |
| SOUTHERN BLAZE™ Phlox | Vigor 2 | 5.8 - 6.2/1.0 - 2.0 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 40-50° F (4-10° C) outdoors | Dry to Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Second to go outside |
| Swedish Ivy Plectranthus | Vigor 4 | 6.0 - 6.5/0.6-0.9 | 65-72° F (18-22° C) | 55-65° F (12-18° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring to Fall Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 6-8; for 8", 8-10; for 10-12", 10-12 | Last to go outside |
| M0JAVE® Portulaca | Vigor 2 | 6.0 - 6.5/ <.6 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Dry to Moderate | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 7-9; for 8", 8-10; for 10-12", 10-12 | Last to go outside |

| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirements | Planting and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|---|--------------------|--|----------------------------|------------------------|------------------------------------|--|---|--|--|
| ROCKIN'® and UNPLUGGED® Salvia | Vigor 4 Vigor 2 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon (best), 7-9; for 8", 8-10; for 10-12"; 10-12 | Second to go outside Unplugged: no outdoor finish |
| Sunbini® Sanvitalia | Vigor 2 | 5.8 - 6.2/06 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Dry to Moderate | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |
| STARDIVA® and WHIRLWIND® Scaevola | Vigor 2 Vigor 3 | 5.5 - 5.8/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |
| LEMON CORAL® Sedum | Vigor 2 | 5.8 - 6.2/ <.6 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Dry to Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 6-7; for 6"/gallon, 8-9; for 8", 8-10; for 10-12", 10-12 | Last to go outside |
| Angel Wings Senecio | Vigor 2 | 5.8 - 6.2/1.8 -2.2 (using 2:1 extraction) | 65-72° F (18-22° C) | 65-70° F (18-21° C) | 50-55° F (10-12° C) | Moderate to Medium Dry once established | Early Spring to Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9 | First to go outside |
| Persian Shield Strobilanthes | Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring to Summer Finish. Standard Plants Per Container. | For 4-5" and QT, 6-8; for 6"/gallon, 8-10 | Last to go outside |
| SNOWSTORM® except GIANT SNOWFLAKE® Sutera (Bacopa) | Vigor 2 Vigor 3 | 5.5 - 5.8/1.0-2.0 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Moderate to Moist | Early Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 8-10 | Last to go outside |
| A-PEEL® Thunbergia | Vigor 4 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 70-80° F (21-27° C) | 65-70° F (18-21° C) | Moderate | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 5-7; for 6"/gallon, 7-9; for 8", 8-10; for 10-12", 10-12 | Last to go outside |
| CATALINA® and SUMMER WAVE® Torenia | Vigor 2 Vigor 3 | 5.5 - 6.2/.69 | 65-72° F (18-22° C) | 70-75° F (21-24° C) | 70-75° F (21-24° C) | Moderate to Moist | Spring through Summer Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 10-12 | Do not finish outside |
| 'Purple Queen' Tradescantia | Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Moderate to Dry | Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-5; for 6"/gallon, 6-8; for 8", 8-10 | Last to go outside |
| SUPERBENA® Verbena | Vigor 3 | 5.8 - 6.2/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) outdoors | Moderate to Moist | Early Spring through Fall Finish. Standard Plants Per Container. | For 4-5", 4-6; for 6"/gallon, 5-7; for 8", 7-9; for 10-12", 8-10 | Last to go outside |

| | Vigor | pH/EC | Rooting Out Temperature | Growing Temperature | Holding Temperature | Water Requirement | Planting s and Timing | Finish Times in Weeks | Spring Outdoor Finish |
|---|---------|---------------|----------------------------|------------------------|------------------------|----------------------|--|--|--|
| METEOR SHOWER® Verbena | Vigor 3 | 5.5 - 6.2/.69 | 65-70° F (18-21° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | | Spring through Fall Finish. 4" container - 1PPP 6" container - 1-3PPP 10" or larger - 3-5PPP | For 4-5", 5-6; for 6"/gallon, 8-10; for 10-12", 10-12 | Second to go outside |
| 'Variegata' 'Wojo's Jem' <i>Vinca</i> | Vigor 2 | 5.5 - 5.8/.69 | 65-72° F (18-22° C) | 65-72° F (18-22° C) | 50-60° F (10-16° C) | Moderate to Moist | Spring to Fall Finish. Standard Plants Per Container. | For 4-5" and QT, 5-6; for 6"/gallon, 7-8 | Do not move outside until all danger of frost is past |

Online Cultural Guide

When you have growing questions, you can access our online growing guide at **provenwinners.com/cultural-information** for answers.

By providing easy, 24/7 access to this information, we save you time – and money – so you can spend it tending to business and building that business, too.

6 Critical Production Tips

Want to produce full and floriferous container recipes using Proven Winners annuals? Follow these six production tips from our growers who have decades of experience growing gorgeous hanging baskets.

1 The Key to Success

Starting with exceptional quality liners is the most important thing you can do to get your container recipes off to a great start. Even if you encounter issues along the way as you produce your crop, they will be far easier to navigate if you start with quality liners. Your propagator will be happy to work with you to determine the best liner size and delivery date to fit your production model.



Starting with robust liners is the key to success in growing premium quality container recipes. Work with your propagator to determine the best liner size to fit your needs.

? Start Your Liners Off Right

Minimizing stress on newly planted liners will avoid complications down the road. As a standard practice, we apply a preventative broad spectrum fungicide drench one week after transplant to all newly transplanted liners. This protects their roots from potential attacks.

A Moderate Your Watering

It is very easy to overwater newly transplanted liners, so take care not to create this unnecessary stress. During the first few weeks after transplant, the root system is still small and does not yet extend down the bottom of the container. At this time, frequent but low volume water applications are required to provide the liners just the right amount of water they need without becoming overly wet.



Drip lines allow maximum control over irrigation, ensuring liners are not over- or under-watered in production.

A Build a Strong Foundation

When your liners are young and are newly transplanted into hanging baskets, focus on developing a strong root system for the plants. Timing is key. We closely monitor the growing temperature, pH and EC of the growing media, and fertility while the plants are becoming established in the container.

Trimming and Shaping

As the plants are growing, a series of pinches and/or PGR applications are used to shape the plants in the containers. For many plants, we trim around the edges of the containers as needed, prior to spacing uprights and hanging the baskets. PGR rates are listed on our website for all of the plants we offer.



Trimming plants around the edges of the containers before spacing will make it easier to lay them out properly on the floor.

Feed Those Plants!

Premium quality hanging baskets and upright containers will fly out of inventory in spring, so be sure you are feeding your entire crop well to get the most out of your inventory. We recommend using fertilizers that contain micronutrients and 100% EDDHA as the source of iron. Call our grower hotline if you need fertilizer recommendations.

Nordic Nurseries - 604.607.7074

Ed Sobkowich Greenhouses – 905.945.8870.

Cultural Information and Growing Tips

To produce the highest quality plant material, growers must have detailed crop culture information. In order to help our grower customers produce the best finished crops, our propagators have developed this user-friendly guide which categorizes plants by their basic cultural needs — pH, growing temperature, and fertilization. The goal is to aide our grower customers in setting up custom growing environments for plants grouped by their basic needs. Visit provenwinners.com for more detailed cultural information on all Proven Winners varieties.

Proven Winners® Annuals

| Growing Temp | A pH 5.5 - 5.8 | B pH 5.8 - 6.2 | C pH 6.0 - 6.5 |
|-------------------------------------|---|---|--|
| A 55°-65° F (12-18° C) | Superbells® Calibrachoa, Sunsatia®, Aromance® and other Nemesia, Supertunia® Petunia | Butterfly <i>Argyranthemum</i> , Campfire® and Goldilocks Rocks® <i>Bidens</i> , Karalee® and Stratosphere™ <i>Oenothera</i> , Bright Lights™ <i>Osteospermum</i> , Southern Blaze™ <i>Phlox</i> , 'Variegata' and 'Wojo's Jem' <i>Vinca</i> | Silver Bullet® <i>Artemisia</i> , Pink Chablis® <i>Lamium</i> , Princess and Knight <i>Lobularia</i> , Swedish Ivy <i>Plectranthus</i> |
| B 65°-72° F (18-22° C) | Pegasus® <i>Begonia</i> , Superlophus™ <i>Oenothera</i> , Silver Falls™ <i>Dichondra</i> , Suncredible® <i>Helianthus</i> , Stardiva® and Whirlwind® Scaevola, Snowstorm® Sutera (Bacopa) | Artist® Ageratum, Asparagus Fern Asparagus, Double Delight®, Double Up™, Space Age™, Solenia®, Surefire® Begonia, Señorita Rosalita® and Señorita Blanca® Cleome, Mystic Illusion and Virtuoso® Dahlia, Diamond Euphorbia, English Ivy Hedera, Rockapulco® Impatiens, Safari® Jamesbrittenia, Blue Mohawk® and 'Curly Wurly' Juncus, Laguna® Lobelia, Vertigo® Pennisetum, Rockin'® and Unplugged® Salvia, Sunbini® Sanvitalia, Lemon Coral® Sedum, Angel Wings Senecio, Persian Shield Strobilanthes, 'Purple Queen' Tradescantia, Superbena® and Meteor Shower® Verbena | 'Variegatum' Chlorophytum, Flambé® Chrysocephalum, Island Giants™ Colocasia, ColorBlaze® Coleus, Baby Tut®, King Tut®, Prince Tut™ and Queen Tut™ Cyperus, Silver River™ Didelta, Truffula™ Pink Gomphrena, Aromagica® and Augusta® Heliotropium, Sweet Caroline and Margarita Ipomoea, Goldilocks and Waikiki Sunset™ Lysimachia, Big Leaf Muehlenbeckia, Mojave® Portulaca, Amazel Basil® Ocimum |
| C 70°-75° F (21-24° C) | | Maestro® Agastache, Angelface® Angelonia, Totally Tempted® Cuphea, Licorice Plant Helichrysum, Hippo® Hypoestes, Fiber Optic Grass Isolepis, Luscious® Lantana, GoldDust® Mecardonia, 'Fireworks', Purple Fountain Grass and 'Sky Rocket' Pennisetum, A-Peel® Thunbergia, Catalina® and Summer Wave® Torenia | Endless™ <i>Browallia</i> , Vermillionaire® <i>Cuphea</i> , Blue My Mind® and Blue My Mind® XL <i>Evolvulus</i> , Sweet Caroline Upside™ <i>Ipomoea</i> and Sunstar® <i>Pentas</i> |
| Growing Temp | | | E pH 6.2 - 7.0 |
| D 70°-85° F (21-29° C) | | | Toucan® <i>Canna</i> |

In growing group codes, the first letter represents the Growing Temp and the second letter represents the pH.

Fertilizer rate for all plants listed above is 150-200 Constant Liquid Feed (CLF) with the following exceptions:

75-100 CLF
Endless™ Browallia
Blue My Mind® Evolvulus
Blue My Mind® XL Evolvulus
100-150 CLF

Asparagus Fern *Asparagus* Double Delight® *Begonia* Double Up™ *Begonia* 'Variegatum' *Chlorophytum* Silver River™ Didelta
Rockapulco® Impatiens
Fiber Optic Grass Isolepis
'Fireworks', Purple Fountain Grass,
'Sky Rocket' and Vertigo® Pennisetum
Sunstar® Pentas
Mojave® Portulaca

Sunbini® Sanvitalia

Lemon Coral® Sedum

200-300 CLF
Toucan® Canna
Señorita Cleome
Sweet Caroline and
Margarita Ipomoea
Southern Blaze™ Phlox
Supertunia® Petunia
A-Peel® Thunbergia

Culture Notes and Groups:

pH:

A: pH 5.5-5.8

B: pH 5.8-6.2

C: pH 6.0-6.5

EC:

A: < .6

B: .6-.9

C: 1.0-2.0

Well-Balanced Fertilizer

N-P-K, 2:1:1.5 with adequate amounts of micronutrients

Low: 100-150 ppm Constant Liquid Feed Medium: 150-200 ppm Constant Liquid Feed High: 200-300 ppm Constant Liquid Feed

Fertilizer Disclaimer:

It is a good practice to clear water (leach) once every 3-4 times you water to lower soluble salt levels in the media. EC should also be monitored using weekly EC measurements.

Rooting Out Temperatures:

The first 10 days of container growth: establishing root system to outside edge of container from the newly planted liner.

65-72° F (18-22° C)

Growing Temperatures:

Once roots are to the edge of the container — growing on the plant and bulking up foliage and flowers.

A: 55-65° F (12-18° C)

B: 65-72° F (18-22° C)

C: 70-75° F (21-24° C)

D: 70-85° F (21-29° C)

Night temperatures should be run 5° F (-15° C) lower than day temperatures

Holding Temperatures:

(For toning crops and/or for when you have to hold the crop when it is ready to go)

A: 40-50° F (4-10° F) outdoors*

B: 50-60° F (10-16° F)

C: Maintain Growing Temperatures

Light Levels:

High: Full sun crops need very high, bright light

Moderate: Sun to partial shade crops, High to

moderate light

Low: Partial to full shade crops, Moderate to low light

Moisture Regimes:

Transplant:

Water lightly to maintain moisture level within root zone until roots reach the side of the finished container. Once roots are developed to the side of the pot, see finish watering regime.

Finish Watering Regimes:

- A: Dry to Moderate: Water thoroughly without oversaturating; keep moist during root development; allow soil surface to dry completely before watering after the crop is rooted to the edge of the pot.
- B: Moderate to Moist: Water thoroughly without over-saturating; keep moist but not wet throughout entire growth cycle.
- C: Moist to Wet: Water thoroughly and keep moisture constant throughout entire growth cycle.

Standard Plants Per Pot (PPP):

4-5": 1 ppp 6": 1-2 ppp Gallon: 1-3 ppp 8": 3 ppp

о. 3 ррр 10-12": 3-5 ррр

More cuttings per pot will yield faster finishing times. The higher light and temperatures experienced with summer production will dramatically reduce crop times.

Soil Mix for Container Growing:

Use a high-quality, professional grade soil mix that is adjusted to work with your water quality and growing style to help manage pH and water control.

Use a well-drained, high-quality professional grade soil mix. A peat-lite based soil or equivalent that gives you 60% organic matter and 40% secondary aggregates, such as perlite, rock-wool, coir, and/or bark, will provide proper soil porosity (well-drained soil).

Growth Regulator Disclaimer:

All PGR rates should be trialed by each individual grower before applications are made to entire crop to ensure desired results. All rates are given as a spray unless otherwise stated. Summer production may require higher PGR rates when crops are grown indoors. Proven Winners and its affiliates are not responsible for misapplication or misuse of these products. Check manufacturers' labels for approved rates and usage recommendations.

^{*} Sometimes this temperature is indoors when prompted not to finish the plants outdoors.

Pest Management:

A weekly scouting program is suggested. Monitor for common greenhouse pests. Treat accordingly, using label instructions. Be sure to rotate chemical classes to guard against development of resistance to chemicals.

Disease Management:

Treat with preventative broad spectrum fungicidal drench one week 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. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor. Good water management practices are critical to healthy plant growth.

Day Neutral:

Ability of plants to flower freely regardless of daylength.

Spring Outdoor Finish:

Many Proven Winners crops can be finished outdoors under cool temperatures. Finishing under cool temperatures will allow you to expand production area, allows additional spacing inside greenhouse, allows additional turns, and improves quality of the product. Those plants finished outdoors will need additional time to finish. Specific finishing times are difficult to predict due to variability in weather patterns. Outdoor mum production areas are perfect to use as spring cold temperature finishing space.

Before plants are moved outside, they should be acclimated to colder temperatures using holding temperatures stated above.

Ideally, plants should be moved outdoors on an overcast day, with moderate temperatures, little wind, and no severe cold (freezing temperatures) forecasted for the next 24 hours. Often a full moon will mean clear skies, which will allow temperatures to drop more than expected. To maintain proper nutrition after a heavy rain, a light water application with 400-500 ppm N can be used on the already wet plants (this high fertilizer application on dry plants will result in burn).

Plants vary in ability to withstand cold temperature finishing. To help you manage when crops can be placed outdoors, we have split our plant material into 3 groups (Not all crops can be finished outdoors and will be noted as No). In the case of unusually cold temperatures, you should have frost protection measures ready (frost cloth, sprinklers, or ability to move plants under cover).

It is generally too cold for insects and disease to prosper. You should continue to scout for problems, however, chemical control measures probably won't be needed. Plant growth regulators will not be needed to control growth.

Growers who wish to try this method of finishing plants should trial a small portion of their plant material the first year to gain experience and comfort. Each year will differ and growers need to be prepared to adapt as conditions change.

A: First to go outside $-33-36^{\circ}$ F (0-2° C):

These plants can be placed outside the earliest. When temperatures are not forecasted to drop below freezing for the next 10 days you should be able to move these plants outdoors. Should the temperature be forecasted to drop below 28° F (-2° C), protection measures should be taken.

B: Second to go outside $-38-42^{\circ}$ F (3-5° C):

This is the second wave of plant material. These plants can be moved outside when odds are that temperatures are much less likely to drop below freezing. Protection measures should be taken for this group when temperatures are forecasted to reach 32° F (0° C). Average daily temperatures should be higher than when group A material was moved out. Generally, a few weeks after group A is moved out, group B can be moved outside.

C: Last to go outside -45° F + $(7^{\circ}$ C +):

This is the third wave of plant material. These plants can be moved outside when temperatures are no longer likely to reach freezing. A hard frost will cause damage to this group. If a hard frost is forecasted, protection measures should be implemented.

For questions please call the grower hotlines: Nordic Nurseries — 604.607.7074 Ed Sobkowich Greenhouses — 905.945.8870



Need help? Give us a call.

We're totally committed to helping you grow quality crops.

<u>Index</u>

| Agastache | Coleus scutellarioides | Heliotropium |
|---------------------------------------|---|---------------------------------------|
| MAESTRO® Series | COLORBLAZE® Series | AROMAĞİCA® Purple63 |
| Ageratum | COLORBLAZE® Drop Series51 | AUGUSTA™ Lavender |
| ARTIST® Blue28 | COLORBLAZE® MINI ME™ Series50 | Herbs |
| Agrostis stolonifera | COLORBLAZE® Royale Series50 | 'Munstead' Lavender |
| Green Twist | Fishnet Stockings | Greek Oregano124 |
| | Colocasia esculenta | Arp Rosemary |
| Angelonia | ISLAND GIANTS™ Series | Spearmint |
| ANGELFACE® Series | Cosmos astrosanguineus | English Thyme124 |
| ANGELFACE® Super Series31 | Choca Mocha122 | Lemon Thyme124 |
| • | Cuphea | Hypoestes phyllostachya |
| Aptenia | VERMILLIONAIRE® | HIPPO® Series |
| Variegata122 | | Impatiens |
| Argyranthemum frutescens | Cuphea procumbens TOTALLY TEMPTED® Series | SUNPATIENS® Compact Series 124 |
| GOLDEN BUTTERFLY® | | Impatiens walleriana |
| PURE WHITE BUTTERFLY®29 | Dahlia | ROCKAPULCO® Series |
| Artemisia stelleriana | Mystic Illusion54 | |
| SILVER BULLET®108 | Dahlia variabilis | Ipomoea batatas |
| Asparagus densiflorus 'Sprengeri' | VIRTUOSO® Series | Margarita116 |
| Asparagus Fern | Dichondra argentea | Sweet Caroline Series |
| Bacopa (Sutera cordata) | SILVER FALLS™110 | Sweet Caroline UPSIDE™ Series |
| SNOWSTORM® Series | Didelta carnosa | Jamesbrittenia |
| | SILVER RIVER™ | SAFARI® Series |
| Begonia DOUBLE DELIGHT® Series | | Lamium maculatum |
| PEGASUS®109 | Euphorbia DIAMOND FROST® | PINK CHABLIS®116 |
| | DIAMOND MOUNTAIN® | Lantana camara |
| BELLECONIA™ Series122 | DIAMOND SNOW® | LUSCIOUS® Series |
| SUMMERWINGS® Series122 | | Lobelia erinus |
| SUREFIRE® Series | Evolvulus BLUE MY MIND® Series | LAGUNA® Series |
| Begonia rex | | LAGUNA® Royale Series |
| SPACE AGE™ Series36 | Fuchsia | |
| Begonia semperflorens | Dark Eyes | Lobularia BLUSHING PRINCESS®73 |
| DOUBLE UP™ Series | Swingtime122 | SNOW PRINCESS® |
| Begonia x hiemalis | Wilma Verslot | VIOLET KNIGHT® |
| SOLENIA® Series | Geranium (Pelargonium) | WHITE KNIGHT® |
| SOLENIA® Dark Pink | TIMELESS™ Series122 | |
| SOLENIA® Light Pink | Gomphrena pulchella | Lophospermum LOFOS® Series |
| Bidens | TRUFFULA™ Pink | |
| CAMPFIRE® Series | Grasses (Annual) | Lysimachia congestiflora |
| GOLDILOCKS ROCKS® | GRACEFUL GRASSES® Series59 | WAIKIKI SUNSET™117 |
| Browallia | Hedera helix | Lysimachia nummularia |
| ENDLESS™ Series | Glacier | Goldilocks |
| | Needlepoint111 | Mecardonia |
| Calibrachoa | PATRICÍA® | GOLDDUST® |
| SUPERBELLS® Series41 | White Ripple | Muehlenbeckia |
| Canna x generalis | Yellow Ripple111 | Big Leaf Creeping Wire Vine118 |
| TOUCAN® Series45 | Helianthus | Nemesia fruticans |
| Chlorophytum comosum | Suncredible® Series64 | Bluebird |
| 'Variegatum' (Spider Plant) | Helichrysum petiolare | AROMANCE® Series |
| Chrysocephalum apiculatum | Licorice Splash | Nemesia |
| FLAMBÉ® Yellow46 | Petite Licorice | SUNSATIA® Series |
| Cleome | White Licorice | Ocimum |
| SEÑORITA BLANCA®46 | Helichrysum thianschanicum | AMAZEL BASIL®79 |
| SEÑORITA ROSALITA® | lcicles | / NVI/ VELL DAVIL |
| | Heliotrope arborescens | |
| | Marine124 | |
| | | |

<u>Index</u>

| Oenothera |
|---|
| KARALEE® Petite Pink .80 STRATOSPHERE™ Series .80 SUPERLOPHUS™ Sunglow .79 |
| Osteospermum BRIGHT LIGHTS® Series |
| Oxalis triangularis CHARMED™ Wine |
| Oxalis vulcanicola MOLTEN LAVA™126 |
| Pelargonium (Geranium) TIMELESS™ Series |
| Pentas Ianceolata SUNSTAR®82 |
| PetuniaSUPERTUNIA® Daybreak Charm.84SUPERTUNIA® HOOPLA™ VIVID ORCHID™ 84SUPERTUNIA® Series.83SUPERTUNIA MINI VISTA® Series.85SUPERTUNIA® TIARA™ Series.85SUPERTUNIA VISTA® Series.85SUPERTUNIA VISTA® Series.85SURFINIA® Series.126 |
| Phlox SOUTHERN BLAZE™ Series90 |
| Plectranthus coleoides Swedish Ivy |
| Portulaca umbraticola MOJAVE® Series |
| Salvia94ROCKIN'® Series.94UNPLUGGED® Series.92 |
| Sanvitalia procumbens SUNBINI® |
| Scaevola aemulaSTARDIVA® Series.97WHIRLWIND® Series.98 |
| Sedum mexicanum LEMON CORAL® |
| Senecio candicans Angel Wings |
| Senecio rowleyanus String of Pearls |

| Strobilanthes dyerianus |
|--------------------------------|
| Persian Shield |
| Thunbergia alata |
| A-PEEL® Series |
| Torenia |
| CATALINA® Series100 |
| SUMMER WAVE® Series101 |
| Tradescantia pallida |
| Purple Queen'119 |
| Verbena |
| SUPERBENA® Series102 |
| SUPERBENA ROYALE® Series103 |
| SUPERBENA SPARKLING® Series103 |
| Verbena bonariensis |
| METEOR SHOWER®105 |
| Vinca maculata |
| Wojo's Jem' |
| Vinca major |
| Variegata 120 |





Above: Pixie Powder Front Cover: Moonlit Lavender



The #1 Plant Brand.°

1600 E. Lincoln Highway, Suite F, DeKalb, IL 60115 815.895.1872 Fax: 815.895.1873 provenwinners.com beauty.provenwinners.com











Nordic Nurseries, Ltd.

29386 Haverman Road, Abbotsford, BC V4X 2P3 604.607.7074 nordicplants.com

Ed Sobkowich Greenhouses, Ltd.

398 Maple Avenue, Grimsby, ON L3M 3B9 905.945.8870 sobkowich.com