# The 2022 Collection





# The New 2022 National Recipes

Packed with our top-selling, most distinctive varieties, our National Recipes 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 for 2022

Start your checklist and reserve your favorite new varieties for 2022 sales today!

Exceptional Annuals from Proven Winners





Caladium USPP31570







# Top 50 Best Sellers





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# BEST SELLERS

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





# BEST SELLERS









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ENDLESS™

Browallia

Illumination

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



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# Reaching Consumers from Every Angle

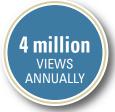
Every single day of the year, Proven Winners is reaching out to consumers through our extensive multimedia marketing campaign to build the brand recognition and trust that is so critical to our customers' success Here are just a few avenues we are using to spread the brand message.

#### **Social Media Communities**

The Proven Winners social media team, coupled with powerful influencers like Garden Answer, Garden Obsessions, Norman Winter and others, work tirelessly to connect with people over social media. Daily engagement on the channels you see listed below furthers our mission with the home gardeners, landscape designers, IGCs and growers who are part of the social communities we have built. We encourage you to follow along and share our posts.













Facebook page



**Proven Winners** Gorgeous Gardens Facebook Group



youtube.com/user/ provenwinners



Instagram



**Pinterest** 

@provenwinners pinterest.com/provenwinners

In addition to Proven Winners' own social media efforts, we partner with Garden Answer and Garden Design to further promote our brand to their own loyal followers. Their efforts combined have an astounding reach.

4M Facebook Followers

750K Instagram Followers

1.5M YouTube Subscribers

221M YouTube Views

#### **Websites**

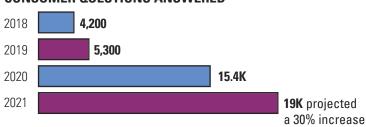
More than 8 million visitors have explored our websites over the past year, including our main site and two additional websites which focus on key products: www.nationalplantoftheyear.com and www.beauty.provenwinners.com, which contains expanded content from the Gardener's Idea Book.



#### **Answering Consumers Daily**

Every single day, our staff works to serve consumers by answering the gardening questions they submit through our help line. Over 90% of all guestions are answered within 24 hours. As the number of new gardeners has increased dramatically in the last year, so have the number of questions we answer. This is one more unique service that sets our brand apart.

#### **CONSUMER QUESTIONS ANSWERED**



#### Canadian Year of the Garden 2022 Sponsorship

A centennial celebration of Canada's horticulture sector will run all 365 days of 2022, commemorating Canada's rich garden heritage and working towards a sustainable future. Planning is currently underway for nationwide activities, celebrations and special events that will take place in communities, schools, businesses, public and private gardens. Proven Winners is proud to be a founding sponsor of this valuable initiative to support the culture, craft and business of gardening across Canada. Learn more about the Year of the Garden 2022 at gardenscanada.ca/year-of-the-garden.



#### Gardener's Idea Book



We are excited to see our most popular consumer gardening publication gaining in popularity. 58,000 new people requested our Gardener's Idea Book for the first time this year. In addition to the 575,000 standard printed copies, we created a French version to serve our customers across Canada and a Spanish version, too. www.provenwinners.com/container-gardening/ideabooks





#### Expanded Content on beauty.provenwinners.com

Moving well beyond words and pictures on paper, we bring the concepts from the Gardener's Idea Book to life online at www.beauty.provenwinners.com, on specially created Pinterest boards, in videos and feature articles. We welcome you to share our #1 resource by linking to and sharing the Gardener's Idea Book content on your own website and social media channels.



#### What Marketing are You Doing in MY Area?

More than you and your customers might think! We've put together individualized marketing summaries for Alberta, British Columbia, Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec and Saskatchewan. Find them at www.provenwinners.com/professionals/localmarketing.

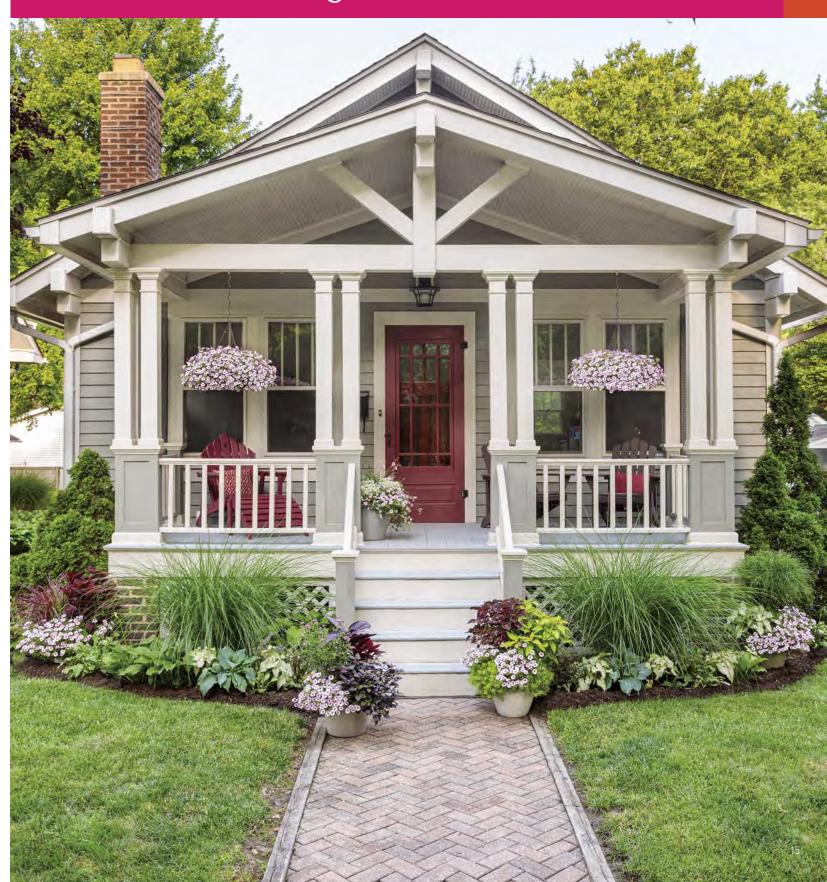


# TOP 50 Best-Selling Proven Winners Annuals in Canada \*\*





# Marketing

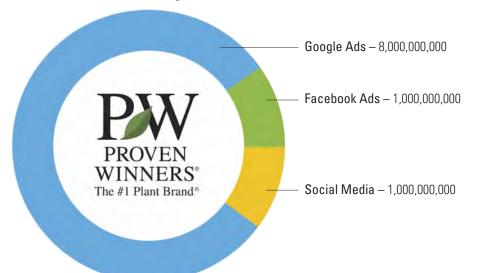


# Proven Winners Delivers 10<sup>+</sup> Billion Impressions

Every single day, we're reaching out to consumers to communicate our brand promise and build the exposure that is so critical in our customers' success. Our broad reaching marketing campaign delivered over 10,000,000,000 impressions last year by harnessing the power of all the efforts you see pictured below.

These impressions serve as reminders and motivation for consumers who have never been exposed to the brand in addition to the loyal following we've worked to build. Though the campaign runs all year, it is most heavily weighted during peak selling seasons to help move product when store traffic is high.

#### 10+ Billion Digital Impressions in 2021



#### 500+ Million Additional Impressions in 2021



# Canadian Billboard Campaign \*

#### **16 Cities – 89 Million Impressions**

April 12 – July 4\*

Watch for our billboards popping up across eight Canadian provinces in 16 key markets this spring. The goal with this campaign is to build brand awareness, promote our Annual of the Year — Supertunia Mini Vista® Pink Star — and encourage people to plant Proven Winners. We expect to deliver 89 million brand impressions through Canadian billboards in 2022.













#### Alberta -

Calgary

Edmonton

#### British Columbia -

Abbotsford

Chilliwack

Kamloops

Kelowna

Prince George

Vancouver

Victoria

#### Manitoba –

Winnipeg

#### New Brunswick –

Moncton

#### Nova Scotia –

Halifax

#### Ontario –

Toronto

#### Quebec -

Montreal

Quebec

#### Skatchewan -

Saskatoon

<sup>\*</sup> Campaign dates vary based on location

# 2022 National Plant of the Year Program

Strong promotional campaigns build strong sales. Key in on these eight exceptional varieties that Proven Winners will be dedicating significant marketing dollars to build excitement and demand for beginning Spring 2022.

Learn more at www.nationalplantoftheyear.com.



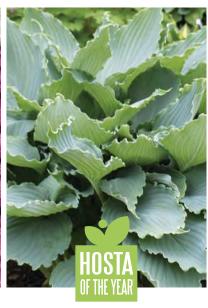
GRACEFUL GRASSES®
PRINCE TUT™
Cyperus



HEART TO HEART® 'Raspberry Moon' Caladium



'Paint the Town Magenta' *Dianthus* 



SHADOWLAND® 'Diamond Lake' *Hosta* 



DOUBLE PLAY DOOZIE®

Spiraea

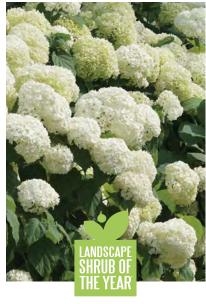


SUÑORITA® Rosa



Little QUICK FIRE®

Hydrangea paniculata



INCREDIBALL® Hydrangea arborescens

# 2022 National Recipes

Packed with our top-selling, most distinctive varieties, our National Recipes have been proven in trials to work.

We'll take care of driving consumer demand while you watch them fly out of inventory.



#### **Amethyst Dreams**

SUPERBELLS® GRAPE PUNCH™ Calibrachoa
SUPERTUNIA® White Petunia
SUPERBENA SPARKLING® Amethyst Verbena
SUGGESTED THRILLER:
GRACEFUL GRASSES®
PRINCE TUT™ Cyperus



#### **Blind Love**

SUPERTUNIA® LOVIE DOVIE™ Petunia SUPERTUNIA® ROYAL MAGENTA® Petunia SUPERBENA® WHITEOUT™ Verbena SUGGESTED THRILLER:

SUGGESTED THRILLER GRACEFUL GRASSES® PRINCE TUT™ Cyperus



#### Lady Luck

White Licorice *Helichrysum*Sweet Caroline RAVEN™ *Ipomoea*COLORBLAZE® Chocolate Drop *Plectranthus* 

SUGGESTED THRILLER: GRACEFUL GRASSES® PRINCE TUT™ Cyperus

# Stay Informed - Sign Up Today

#### Don't miss our newsletters for growers and retailers.

Do you receive our monthly newsletters? Sign up today at **www.provenwinners.com/professionals/newsletters**.

Our **Grower Newsletter** includes videos on plant varieties and culture information, combination ideas, growing tips for a variety of greenhouse settings, trial garden updates, and event information.

Our **Retailer Newsletter** includes ideas from retailer settings across the U.S. and Canada, the latest in social media with links to ready to use graphics, new plant information and updates on our promotional efforts.





Retailer Newsletter

#### **Winners Circle Consumer Newsletter**

Over 371,000 consumers across the U.S. and Canada have opted in to receive our monthly **Winner's Circle newsletter** and that number is growing every year. This publication includes articles on seasonal topics, highlights key varieties of annuals, perennials and shrubs, and features a Pinterest board, container recipe and video.



# Annual Collection















in Sunbelt states.

One of our best-selling Grande<sup>™</sup> crops! These robust Ageratum cultivars maintain their picture-perfect good looks in containers over an extended selling period. Their compact, densely branched, mounded foliage becomes completely covered in pollinatorattracting blossoms. These plants exhibit outstanding heat tolerance, blooming well through the summer heat.

#### ARTIST® Pearl Ageratum '\*\*' USPPAF Canpbraf

A perfect companion for Artist® Blue in production and in the garden, featuring pure white flowers. Vigorous growth quickly buries the spent flowers with no deadheading needed to maintain a clean look. New this year.

#### 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 141).

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

#### AWARD WINNERS - ARTIST® Ageratum

45 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



### Argyranthemum frutescens [46-91cm (18-36") Vigor: 3





Marguerite Daisies are some of the most well-known and loved flowers among gardeners, and we've improved our line to include some of the most heat tolerant cultivars with clearer, brighter flowers that don't require deadheading. All three in the series are well-matched for timing and size, taking the guesswork out of the equation for growers, retailers and landscapers.

#### **AWARD WINNERS – BUTTERFLY Argyranthemum**

100 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 141).\*

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"



**ANNUAL 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.

# ANGELIACE® Angelonia angustifolia SCAPE SO Vigor: 3

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.

#### AWARD WINNERS - ANGELFACE® Angelonia

220 Awards including: Superior Rating, Disney; Top Performer, Ohio State; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Best of the Best, University of Georgia; Best Varieties, Penn State; Top Pick, Cornell University



#### 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 141).

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.



ANGELFACE® Super Blue Angelonia 'ANSUBLU021' USPPAF CanPBRAF

76-102cm (30-40")

ANGELFACE® Super White Angelonia 'Ansuwhi' USPP29490 Can5768

76-102cm (30-40")



# ANGELFACE® Cascade Angelonia Angelonia Vigor: 3







We're bringing the same heat and humidity tolerance of standard upright angelonias to a line of cascading types that are perfect for hanging baskets. These plants have outward and downward spreading stems, making them ideal fillers and spillers in container recipes. Pair them with other medium vigor, sun loving annuals.

ANGELFACE® Cascade Snow Angelonia angustifoila '\*\*' USPPAF Canpbraf An improved white flowered cultivar, featuring a 1-2 week earlier bloom time than others in the series and strong performance

through the summer heat. New this year.

ANGELFACE® Cascade Snow Angelonia '\*\*' USPPAF CanPBRAF 20-36cm (8-14")

ANGELFACE® Cascade Blue Angelonia 'ANCASBLU' USPPAF CanPBRA 20-36cm (8-14")

> ANGELFACE® Cascade Pink Angelonia 'ANCASPI' USPPAF CanPBRAI

<sup>\*</sup> 20-36cm (8-14")

Sutera cordata "WINSUSNOGL" USPP32698 CanPBRAF (Bacopa)

SNOWSTORM® GLACIER BLUE™

# SNOWSTORM® Sutera cordata (Bacopa) One 10-25cm (4-10") Vigor: 2 Snowstorm® Giant Snowflake®: Vigor: 3

SNOWSTORM® GIANT SNOWFLAKE®

Sutera cordata 'Danova906' USPP17886 Can2861

(Bacopa)

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®.

SNOWSTORM® Blue

Sutera cordata "WINSUSNOBL" USPP32659 CanPBRAF

 Treat with preventative broad spectrum fungicidal drench one week after transplant.



## SURFIRE Begonia benariensis







TANDSCAPE 30-61cm (12-24") Vigor: 4

These durable, colorful begonias are incredibly versatile in sun and shade, acting as a thriller in large containers or providing masses of bold color in landscapes. Compared to Double Delight™, their habit is more upright; Double Up™ varieties are shorter and more mounded with smaller leaves. A reliable alternative to impatiens in areas where downy mildew is an issue.

#### 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 141).

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

#### AWARD WINNERS - SUREFIRE® Begonia

Begonia benariensis

SUREFIRE® Rose Begonia benariensis

109 Awards including: Leader of the Pack, NC State; Best of the Best, University of Georgia; People's Pick, Oregon State; Top Performer In-Ground & Containers, Kansas State University

# DOUBLE DELIGHT® Begonia



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.

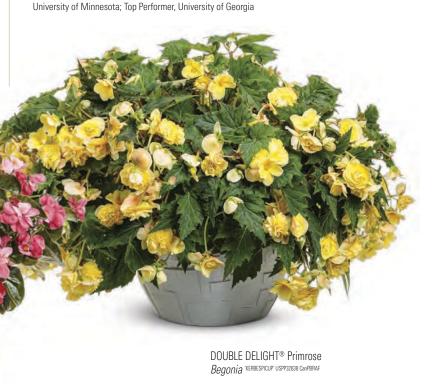
#### Growing Tips for DOUBLE DELIGHT® Begonia

- 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 141).

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.

#### **AWARD WINNERS - DOUBLE DELIGHT® Begonia**

11 awards including: Top Performer, Michigan State University; Top 10,



## Begonia semperflorens LANDSCAPE O 20-46cm (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

70 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 141).

#### 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.



DOUBLE DELIGHT® Blush Rose

Begonia 'KERBESPIROS' USPP29297 CanPBRAF

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### CAMPFIRE® Flame **Bidens**



1ANDSCAPE 20-36cm (8-14") Vigor: 2

Growers will find this bidens easier to produce due to its increased resistance to powdery mildew, densely mounded. compact habit, and low to no seed set. Fiery orange flowers with a subtle yellow eye are produced on shorter, tighter plants that won't split open. It's the perfect short, tight size for edging landscape borders and smaller monoculture containers.

#### 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 141).

Notes: For all sizes of containers, pinch the liner 1-2 weeks after transplant; for containers larger than 6" and for hanging baskets, trim around the edge of the container as needed prior to spacing or hanging of the baskets. B-9 (2500 ppm) and Sumagic® (5 ppm) should be effective on Goldilocks Rocks and Campfire Flame.

#### **AWARD WINNER – CAMPFIRE® Flame Bidens**

18 Awards including: Perfect Score All Season, University of Minnesota: Top Performer, Michigan State University; Best of the Best-Bidens, Colorado State University



CAMPFIRE® Flame Bidens 'INBIDCAMEM' USPP32647 CanPBRAF

## GOLDILOCKS ROCKS®

#### Ridens ferulifolia







IANDSCAPE 30-36cm (12-14") Vigor: 3

Growers will find this bidens is versatile in recipes as its compact size and restrained vigor helps it mix easily with other medium vigor varieties in hanging baskets and upright containers. The large, sunfast, true yellow flowers of this drought tolerant plant continue to bloom easily through the heat.

#### AWARD WINNER - GOLDILOCKS ROCKS® Bidens

12 Awards including: Top Performer-Best Bidens, Penn State; Best of Breed, JC Raulston Arboretum; Top Performer, Michigan State University



Browallia LANDSCAPE \$ 30-41cm (12-16") Vigor: 2



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**

25 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<sup>®</sup>. If the pH is too low, yellowing foliage is the first sign. Monitor pH levels regularly.
- 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 141).

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 keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting



### HEART TO HEART \*Caladium \*\* Caladium \*\* San-51cm (12-20") \*\* Vigor: 2



As bold foliage plants continue to trend strongly, now is the time to expand your offerings of versatile tropicals like our Heart to Heart® caladiums. With varieties that can withstand every setting – from full sun to full shade in blazing heat – these bold foliage thrillers bring a tropical vibe to upright container recipes, hanging baskets and in-ground plantings. Growers will appreciate that all caladium bulbs we offer come de-eyed and painted, making it easy to grow predictably strong crops every time.

Sobkowich only

HEART TO HEART® 'Bold 'N Beautiful' Caladium hortulanum USPP30696 A unique intermediate-sized cultivar that finishes quickly, bearing green edged, coral to tangerine leaves in spring, transitioning to mostly white with pink veins in summer. New this year.

HEART TO HEART® 'Burning Heart' Caladium hortulanum USPP27071 Representing a new color for caladiums, this fancy leaf variety bears bronze to brick-red leaves flecked with coral to pink speckles. It is a taller variety with a short crop time. New this year.

HEART TO HEART® 'Clowning Around' Caladium hortulanum USPP32252 A one-of-a-kind cultivar with a unique quilted appearance. Creamy orange leaves are adorned with raised, olive green spots and edges along with bright rose pink veining. New this year.

HEART TO HEART® 'Hot 2 Trot' Caladium hortulanum USPPAF This eye-catching, mounded cultivar forms a full clump of distinctly wavy, deep red leaves with a dark green edge. Awarded Best in Show in the 2020 Penn State Trials. New this year.

HEART TO HEART® 'Hot Flash' Caladium hortulanum USPP27944 Easy to identify from a distance, this unique caladium produces extremely glossy, mirror-like leaves like none other. The intense red leaves are narrowly edged in green. New this year.

HEART TO HEART® 'White Star' Caladium hortulanum USPP21148 This sun tolerant caladium is quick to sprout and finish. White leaves with a dark green edge and shading are accented with a raspberry red spot at the top of each leaf. New this year.

HEART TO HEART® 'Xplosion' Caladium hortulanum USPP31570 This special cultivar with Thai roots marries unique patterns with strong vigor from American breeding. Transforms through shades of burgundy, pink, green and white. New this year.

#### Growing Tips for HEART TO HEART® Caladium

- For ease of planting, the top of the bulb has been identified with white paint. Plant this side up!
- For sprouting tubers, the soil temperature must be kept at 70-78°F and grown with high 85-90% humidity
- Tubers typically sprout within 14-21 days except Snow Drift (7 days) and Flatter Me (28 days)
- Growing and finishing temperatures must be above 70°F. Avoid chilling temps of 60°F and below.
- Apply liquid feed at 75-100ppm N or use a 90-day controlled release fertilizer
- Prefers moderate light levels
- In growing group DD (see page 141).

**Notes:** Best grown in large Royale™ containers. Crops forced in January-February may take 8-10 weeks to finish, while May plantings can be as quick as 4-6 weeks. Treat with a broad spectrum fungicidal drench at transplant. Apply 2500ppm B-Nine® and 15ppm Bonzi® weekly; sprench beginning 3-4 weeks before shipping.

#### **AWARD WINNERS - HEART TO HEART® Caladium**

30 Awards including: Perfect Score All Season, Disney; Perfect Score All Season,



#### **Sun or Shade Caladiums**



HEART TO HEART® 'Blushing Bride' Caladium hortulanum USPP22213



HEART TO HEART® 'Bold 'N Beautiful' Caladium hortulanum USPP30696



HEART TO HEART® 'Bottle Rocket' Caladium hortulanum USPP30651



'Chinook' Caladium hortulanum USPP27094



HEART TO HEART® FAST FLASH™ Caladium hortulanum 'RFL 2317-114' USPP27964



HEART TO HEART® 'Flatter Me' Caladium hortulanum USPP27946



HEART TO HEART® 'Heart and Soul' Caladium hortulanum USPP31567



HEART TO HEART® 'Heart's Delight' Caladium hortulanum USPP23992



HEART TO HEART® 'Hot Flash' Caladium hortulanum USPP27944



HEART TO HEART® 'Hot 2 Trot' Caladium hortulanum USPPAF



HEART TO HEART® 'Mesmerized' Caladium hortulanum USPP29545



HEART TO HEART® 'Radiance' Caladium hortulanum USPP27095



HEART TO HEART® 'Raspberry Moon' Caladium hortulanum USPP20069



HEART TO HEART® 'Rose Glow' Caladium hortulanum USPP20070



HEART TO HEART® 'Scarlet Flame' Caladium hortulanum USPP25419



HEART TO HEART® 'Tickle Me Pink' Caladium hortulanum USPP31061



HEART TO HEART® 'White Star' Caladium hortulanum USPP21148



HEART TO HEART® 'White Wonder' Caladium hortulanum USPP21044



HEART TO HEART® Caladium hortulanum USPP31570



HEART TO HEART® 'Burning Heart' Caladium hortulanum USPP27071



### 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 keep on coming 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.

#### 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 141).

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

840 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



#### SUPERBELLS® Double TWILIGHT™ Calibrachoa \*\*\* USPPAF CanPBRAF US Utility US7786342

Harness tremendous impulse appeal with this robust, fully double-flowered calibrachoa that makes a gorgeous Grande™. Silvery lavender blossoms display a punch of deep purple in the center, a perfect color for mixing with other soft tones in Mother's Day recipes. New this year.

#### Superbells® Classic



SUPERBELLS® Blue Calibrachoa 'USCALI151' USPP14874 Can1931



SUPERBELLS® Cherry Red Calibrachoa 'USCAL23101' USPP27010 Can5318



SUPERBELLS® Coralina Calibrachoa 'INCALMIABE' USPP28036 Can5556



SUPERBELLS® DREAMSICLE® Calibrachoa 'BBCAL99001' USPP32648 CanPBRAF Calibrachoa 'INCALDRSIM' USPPAF CanPBRAF



SUPERBELLS® HOLY COW!™ Calibrachoa 'BBCAL85303' USPP30840 Can6290 US Utility US9313959



SUPERBELLS® HOLY MOLY!® Calibrachoa 'USCALCHSTM' USPPAF CanPBRAF US Utility US9313959



SUPERBELLS® HOLY SMOKES!® Calibrachoa 'BBCAL85805' USPP30838 Can6291 US Utility US9313959



SUPERBELLS® HONEYBERRY™ Calibrachoa 'BBCAL91303' USPP32690 CanPBRAF



SUPERBELLS® LEMON SLICE® Calibrachoa 'USCAL5302M' USPP24353 Can4917



SUPERBELLS® Miss Lilac Calibrachoa 'USCAL87502' USPP23230 Can4593



SUPERBELLS® OVER EASY™ Calibrachoa 'KLECA16314' USPP2974



SUPERBELLS® Pink Calibrachoa 'USCALI11' USPP14968 Can1927



SUPERBELLS® Plum Calibrachoa 'BBCAL76001' USPP29872 Can6054



SUPERBELLS® Red Calibrachoa 'INCALIMRED' USPP29075 Can5772



SUPERBELLS® Tropical Sunrise



SUPERBELLS® White Calibrachoa 'INCALTRSUN' USPP29029 CanPBRAF Calibrachoa 'Balcal14141' USPP30200



SUPERBELLS® Yellow Calibrachoa 'Balcal1004' USPP29528



SUPERBELLS® YELLOW CHIFFON™ Calibrachoa 'USCALI4021' USPP19480 Can3631

# NEW

## SUPERBELLS Calibrachoa 5 00 [15-30cm (6-12") Vigor: 2





#### Superbells® Punch







SUPERBELLS® BLACKCURRANT PUNCH™ SUPERBELLS® BLUE MOON PUNCH™ Calibrachoa 'BBCAL81801' USPP30839 Can6288

Calibrachoa

SUPERBELLS® GRAPE PUNCH™ Calibrachoa 'JGCAL09404' USPP29760 Can5784

SUPERBELLS® POMEGRANATE PUNCH™ Calibrachoa 'USCAL08501' USPP24503 Can4915







SUPERBELLS® STRAWBERRY PUNCH™ SUPERBELLS® TANGERINE PUNCH™

Calibrachoa 'BBCAL82201' USPP30785 Can6289

SUPERBELLS® WATERMELON PUNCH™ Calibrachoa 'BBCAL82402' USPP32651 CanPBRAF

#### Superbells® Star







SUPERBELLS® Cherry Star Calibrachoa 'USCAL91001' USPP23232 Can4594 US Utility US9313959



SUPERBELLS® EVENING STAR™ Calibrachoa 'BBCAL87705' USPP30837 CanPBRAF US Utility US9313959



SUPERBELLS® RISING STAR™ Calibrachoa 'KLECA16006' CanPBRAF US Utility US9313959

#### **Superbells® Double**







SUPERBELLS® Double Blue Calibrachoa 'INCALDOBLU' USPP32649 CanPBRAF US Utility US7786342



SUPERBELLS® Double Chiffon Calibrachoa 'USCAL51505' USPP30803 Can6292 US Utility US7786342



SUPERBELLS® Double Orange Calibrachoa 'KLECA20459' CanPBRAF US Utility US7786342



SUPERBELLS® Double Orchid Calibrachoa 'KLECA14275' US Utility US7786342



Calibrachoa "USCAL83901" Can4591 US Utility US7786342 Calibrachoa "\*\* USPPAF CanPBRAF US Utility US7786342

SUPERBELLS® Double Ruby





SUPERBELLS® Doublette LOVE SWEPT™ SUPERBELLS® Double TWILIGHT® Calibrachoa 'USCAL81302' USPP30804 Can6293 US Utility US7786342

Superbells Photoperiod Response

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

#### Less than 12 hours (Day Neutral Response)

Superbells® Evening Star™

Superbells® Coral Sun

Superbells® Double Orchid

#### Flowers best over 12 hours (Faculative Long-day Response)

Superbells® Holy Smokes!®

Superbells® Honeyberry™

Superbells® Yellow

Superbells® Cherry Star

Superbells® Rising Star™

Superbells<sup>®</sup> Cardinal Star<sup>™</sup>

Superbells® Coralina

Superbells® Lemon Slice®

Superbells® Doublette Love Swept™

Superbells® Holy Cow!™

Superbells® Holy Moly!®

Superbells® Double Amber

Superbells® Double Blue

Superbells® Blue Moon Punch™

Superbells® Pomegranate Punch™

Superbells® Blackcurrant Punch™

Superbells® Tropical Sunrise

Superbells® Red

Superbells® Tangerine Punch™

Superbells® Dreamsicle®

Superbells® Grape Punch™

Superbells® Double Twilight™

Superbells® Double Ruby

Superbells® Double Orange

Superbells® Miss Lilac

Superbells® Yellow Chiffon™

Superbells® Cherry Red

Superbells® Plum

Superbells® White

Superbells® Double Chiffon

Superbells® Pink

Superbells® Blue

Superbells® Over Easy™

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

Superbells® Strawberry Punch™

Superbells® Watermelon Punch™

### Ever wonder what the top-selling Superbells are?

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

Superbells® Lemon Slice®

Superbells® Grape Punch™

Superbells® Yellow

Superbells® Pomegranate Punch™

Superbells® White

Superbells® Tropical Sunrise

Superbells® Dreamsicle®

Superbells® Red

Superbells® Coral Sun

Superbells® Blackcurrant Punch™

Superbells<sup>®</sup> Evening Star<sup>™</sup>

Superbells® Holy Smokes!®

Superbells® Blue Moon Punch™

Superbells® Yellow Chiffon™

Superbells® Tangerine Punch™

Superbells® Watermelon Punch™ Superbells® Doublette Love Swept™

Superbells® Holy Moly!®

Superbells® Double Ruby

Superbells® Pink

Superbells® Holy Cow!™

Superbells® Cherry Red

Superbells® Double Orange

Superbells® Coralina

Superbells® Blue

Superbells® Over Easy™

Superbells® Honeyberry™

Superbells® Plum

Superbells® Cherry Star

Superbells® Double Amber

Superbells® Strawberry Punch™

Superbells® Double Chiffon

Superbells® Double Blue

Superbells® Double Orchid Superbells® Rising Star™

Superbells® Cardinal Star™

Superbells® Miss Lilac

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

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### LADYBIRD Calylophus



Ideal for growers in southern regions, these heat and drought tolerant plants are derived from a Texas native species and thrive in dry, sunny conditions where nights are relatively cool. Even in 100-degree weather, established plants only need water every few days. Use them for commercial or residential applications like you would *Evolvulus*.

LADYBIRD™ Lemonade *Calylophus* 'WNCYLALEM' USPPAF CanPBRAF Lemon yellow blossoms senesce to peach for an attractive two-toned look all over the low mounded foliage. New this year.

LADYBIRD™ Sunglow Calylophus WNCYLASUN' USPPAF Canpbraf Produces brilliant yellow blossoms similar to its relative *Oenothera* with the benefit of not closing up at night. New this year.

#### Growing Tips for LADYBIRD™

- 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 141).

Notes: For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. A second or third pinch will effectively increase branching and flowering and eliminate the need for PGRs. Cool growing conditions will slow the growth of the crop. Scout regularly for aphids which can be problematic.







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.

#### AWARD WINNERS - TOUCAN® Canna

236 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

#### 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.
- To maximize growth, use a fertilizer with a complete micronutrient mix; these Cannas grow fast and use a lot of food. 200-300ppm is the optimum rate.
- 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 141).



# 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 141).

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

#### AWARD WINNER - FLAMBÉ® Chrysocephalum

FLAMBÉ® Yellow

Chrysocephalum apiculatum 'Flochryel' USPP19175 Can3280

30 Awards including: Excellent Rating, Massachusetts Horticultural Society; Excellent Rating, Boerner Botanical Garden, Milwaukee, Wisconsin; Best of Breed. North Carolina State

### Señorita cleome







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.

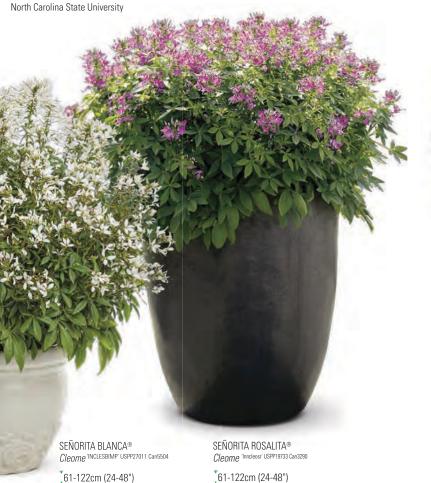
#### Growing Tips for Cleome

- 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 141).

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,



## COLORBLAZE Plectranthus (Coleus)











With vibrant color and season-long 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: Plectranthus was formerly known as Solenostemon.

#### COLORBLAZE® El Brighto

Plectranthus scutellarioides (Coleus)

This striking deep purple, red and yellow tricolor coleus lives up to the ColorBlaze® standards, holding its nicely branched shape all season while resisting downy mildew. Similar in habit to ColorBlaze® Lime Time™. New this year.

#### COLORBLAZE® NEWLY NOIR™

Plectranthus scutellarioides (Coleus) 'G18152' USPPAF Canpbraf

A tremendous improvement over ColorBlaze® Dark Star, featuring solid black to deep maroon foliage, a fully branched habit, and good resistance to downy mildew. Similar in habit to Lime Time™ and Sedona Sunset®. New this year.

#### 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 141).

#### **AWARD WINNER - COLORBLAZE® Plectranthus**

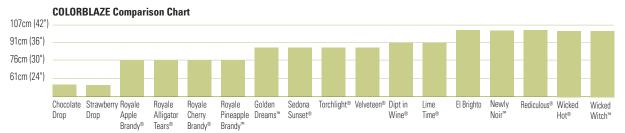
734 Awards including: Top Performer, Ohio State; Leader of the Pack, North



# COLORBLAZE® Plectranthus (Coleus)









# COLORBLAZE ROYale Plectranthus (Coleus)





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

# COLORBLAZE® Drop Plectranthus (Coleus)











Plectranthus (Coleus)

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



# 'Coffee Cups' and HEART OF THE JUNGLE Colocasia esculenta





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

As tropicals continue to trend upward, there's never been a better time to expand your offering of tropical container plants. Our Colocasias make dynamic thrillers in large container recipes, similar to how Heart to Heart™ Caladiums bring a tropical vibe to small and medium sized container combinations. They are equally spectacular in the landscape where they appreciate some protection from high winds.

#### 'Coffee Cups' Colocasia esculenta

Capitalize on the tropical trend by adding this distinctive Colocasia with dramatically cupped, olive green foliage and mocha accents.

#### HEART OF THE JUNGLE® Colocasia esculenta

Earn instant tropical appeal by adding this huge heart-leafed, dark green, black-stemmed cultivar to combinations, landscapes and pond plantings.

#### AWARD WINNER - 'Coffee Cups' Colocasia

24 awards including: Perfect Score, Michigan State University; Top Performer, NC State: Perfect Score, University of Tennessee

#### Growing Tips for Colocasia

- 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 141).

*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 - HEART OF THE JUNGLE® Colocasia

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



### FAIRY DUST® Pink

#### Cuphea ramosissima



26-41cm (10-16") Vigor: 3

Meet your new go-to plant for heat and drought tolerant combinations. Appearing like a pink-flowered Diamond Frost®, this cuphea forms an airy cloud of delicate blooms on densely branched panicles all season. You'll only need to try this unique plant once before you'll want to grow it every year.

#### Growing Tips for FAIRY DUST®

- Requires high light in production.
- Avoid overwatering, especially early in the crop cycle.
- Plants can be run a little dry but not to the point of wilt, which causes leaf burn.
- 150-200 ppm fertilizer for optimal growth.
- In growing group BC. (see page 141).

Notes: Pinch at 1-2 weeks after transplant if needed.

#### **AWARD WINNER - FAIRY DUST® Pink Cuphea**

21 Awards including: Best in Trial, Massachusetts Horticultural Society; Best of Breed, NC State; Top Performer, Penn State; Excellent Warm Season, Disney

## VERMILLIONAIRE®









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.

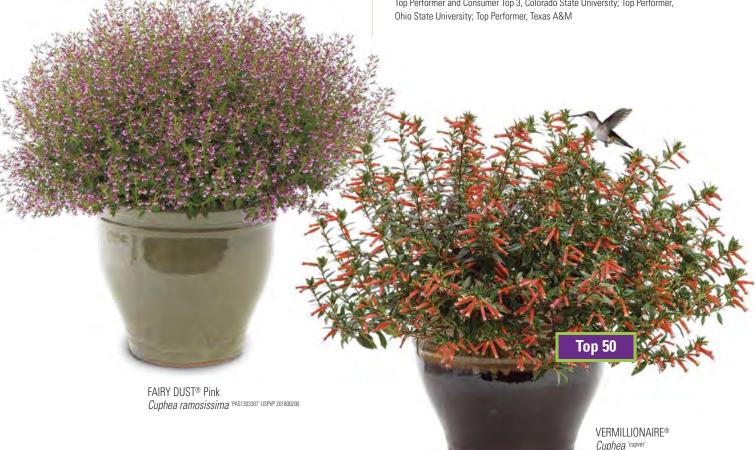
#### Growing Tips for VERMILLIONAIRE®

- 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 141).

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

#### **AWARD WINNER - VERMILLIONAIRE® Cuphea**

74 Awards including: Top Performer, Costa Farms; Top Performer, Biltmore; Top Performer and Consumer Top 3, Colorado State University; Top Performer,



texture for elegant combinations in sun and shade.

DIAMOND FROST® Euphorbia 'Inneuphdia' USPP17567 Can2830

DIAMOND MOUNTAIN® Euphorbia '\*\*' USPPAF Canpbraf

landscape, growing similar in size to a spirea shrub.

vigor companions to weave between its stems to

form stunning container recipes.

DIAMOND SNOW® Euphorbia 'INCHADIACL' USPPAF CanPBRAF

Diamond Frost is like your friend who gets along with everyone

its wiry stems in and out, poking its single, airy white flowers

throughout the combination. Often imitated but never equaled!

she meets – it combines easily with many kinds of plants, weaving

This super-sized Euphorbia makes magnificent hanging baskets and

plants like Supertunia Vista® petunias. It's also spectacular in the

Double, bright white flowers are produced on vigorous, densely

branched plants. Its habit is just airy enough to allow its medium

extra-large upright containers when combined with our most vigorous

Among the most versatile annuals in our lineup, Diamond Euphorbias offer a range of habits for every use, from hanging baskets to edging

They are exceptionally heat and drought tolerant, providing a refined

borders or competing with the most vigorous varieties in 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 141).

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 Sequin; Top 10, North Carolina State University

#### **DIAMOND SNOW®** Euphorbia

44 Awards including: Perfect Score All Season, University of Minnesota:



### MYSTIC Illusion Dahlia





An absolute rock star in the landscape, clear lemon yellow, single blooms 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 141).

*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.



# HIGH NOON Euryops pectinatus



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



Growers in warm climates know Euryops as an easy to grow, heat loving plant. Much like we've done with Evolvulus with the introduction of Blue My Mind®, we've now refined Euryops by giving it large flowers and a denser, compact habit with long flower stems that help it mix easily in baskets and upright recipes. We've also made it easier to get into flower in cooler climates. Grower trials have shown that its semi-succulent, thick leaves handle dry down better than other Euryops. It mixes beautifully with other heat loving plants like Luscious® Lantana and Angelface® Cascade Angelonia.

#### Growing Tips for HIGH NOON®

- Prefers high light conditions
- Feed with 150-200 ppm N
- Easier for Northern growers to get into flower compared to typical Euryops
- In growing group AB (see page 141).

Notes: Treat with preventative broad spectrum fungicidal drench at transplant. Good air circulation, water management, control of humidity, and sanitation practices are critical. Scout regularly for aphids and thrips, which can be problematic. Be sure to check hanging baskets that are hanging high.

#### **AWARD WINNER - HIGH NOON® Euryops**

15 awards including: Top Performer, Daniel A. Seguin Garden; Top Performer, Montreal Botanic Garden; Top Performer, Domaine Joly - De Lotbiniere

## BLUE MY MIND® Evolvulus





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

A staple for the South and anyone looking for true blue color. Stunning sky blue flowers are borne on heat, humidity and drought tolerant plants, pulling 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' USPPAF CanPBRAF Everything you love about the original, now 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. New this year.

#### 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 141).

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 WINNER - BLUE MY MIND® Evolvulus**

77 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

BLUF MY MIND®

## 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 141).

*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



Perfect Score, Mississippi State University



Gomphrena pulchella 'PAST0517E' USPP31728 Can6276

BLUE MY MIND® XL Evolvulus 'RMEVO28301' USPPAF CanPBRAI Spread: 30-51cm (12-20")

Spread: 20-41cm (8-16")

# HEAT IT UP Gaillardia ANDSCAPE O 30-61cm (12-24") Vigor: 3





We've been incredibly impressed with these vegetatively produced Gaillardia in our trials, especially their strong resistance to white smut (Entyloma polysporum). This trait, along with their uniform habit, great vigor and earliness to bloom makes them easy for growers to produce. They are a favorite of pollinators, have native Texan roots, are long blooming, and are heat tolerant. They are beautiful in mass plantings in landscapes and in monoculture containers.

HEAT IT UP® Scarlet Gaillardia 'G15272' USPP32692 CanPBRAF Spicy orange-red flowers with slight yellow tips are produced for months on vigorous, uniform plants.

HEAT IT UP® Yellow Gaillardia 'G15270' USPP32654 CanPBRAF Bouquets of solid sunshine yellow flowers appear for months on evenly mounded plants.

#### **AWARD WINNER – HEAT IT UP® Gaillardia**

69 Awards including: Perfect Score All Season, University of Tennessee; Top Performer, Ohio State University; Perfect Score All Season, Oregon State University

#### Growing Tips for HEAT IT UP®

- Requires high light in production.
- Long days will speed and enhance flower development.
- Vernalization: Cold beneficial
- Feed with 150-200ppm N.
- Good air circulation and water drainage is important. Use a moisture retentive soil that drains well. Plants can tolerate low water once established in the landscape.
- In growing group AB (see page 141).

Notes: Pinch liners 1-2 weeks after transplant. A second pinch may be needed for larger containers. Grow in 4.25 Grande™ and 1.0 Royale™ containers.



## STRATOSPHERE and KARALEE Gaura lindheimeri





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.

#### 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 141).

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





Gaura lindheimeri 'DGAUR137' USPP30562 Can6076