



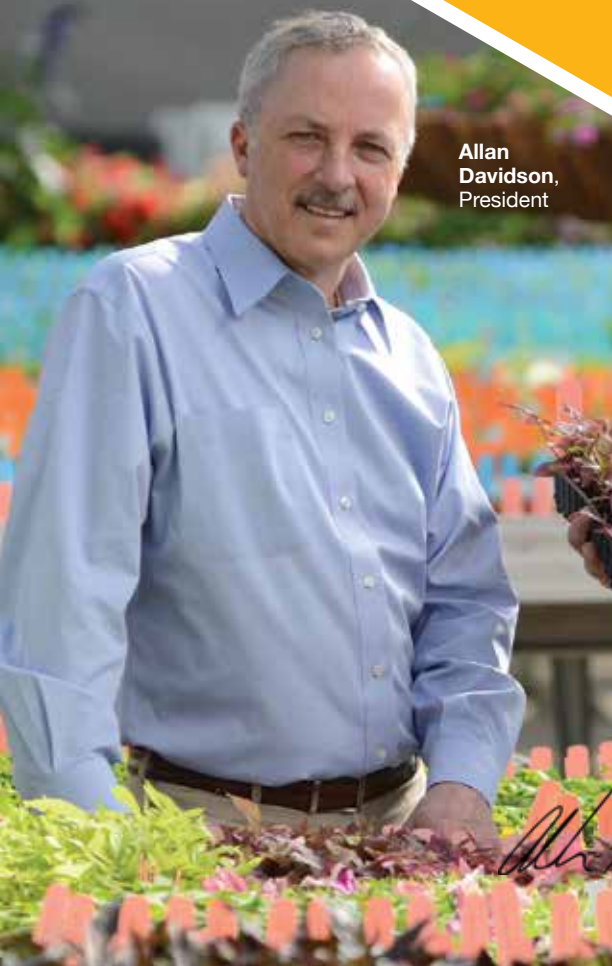
2018  
Baii FloraPlant®

# Blooming success

## Trialed and tested

We are growing – expanding several of our series and incorporating many extraordinary additions for 2018. As always, Ball FloraPlant products are thoroughly trialed and tested to ensure consistency, efficiency and predictability in performance – whether in the greenhouse, at retail or in gardens.

Check out the fabulous varieties featured here and throughout the catalog.



Allan  
Davidson,  
President



1.

## Top picks

**1. MegaCopa™ Bacopa** (page 28) This showy bacopa has big blooms and excellent heat performance.

**2. EnduraScape™ Verbena** (page 116) One of the best ever-blooming, long-lasting verbena on the market. EnduraScape now includes any verbena color you need, including the new AAS winner Pink Bicolor.

**3. NEW SolarTower™ Ipomoea** (page 84) Self-climbing SolarTower brings an exciting new angle to ipomoea.

**4. NEW Mysty Salvia** (page 114) A true innovation! This more compact, heat-hardy salvia is a must for small pots and mixed containers.

**5. Conga™ Calibrachoa** (page 34) This year's many new additions provide a full color wheel of options. Backed with a fantastic year of trials, this compact calibrachoa keeps its color and offers big blooms. A standout in quarts and color bowls.

A handwritten signature in black ink, likely belonging to Allan Davidson, the President mentioned in the text.





**FRONT COVER:**  
 Conga White and NEW Rose Calibrachoa  
 EnduraScape Hot Pink Verbena  
 NEW Mysty Salvia  
 Las Limas production farm

## Contents

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**REAL SERIES:** All varieties in a series have the same habit, vigor and flowering time for high-density production.



**SEASON EXTENDERS:** Proven heat performance and late-season color to extend the Summer selling season.



**GENESIS:** Varieties are available as direct-stick callused cuttings for a shortened crop time.



**GROWER'S CHOICE:** Indicates varieties within a series that share uniform timing and habit.

# Las Limas

Cultivating a green future

Located in Nicaragua, Las Limas offers the optimal growing climate and altitude for our product selection. We work to deliver consistent, quality cuttings every single shipping week. Las Limas is the most reliable source of unrooted cuttings, with an impressive **99.9% order fill rate.**



Alex  
Meneses,  
Director of  
Offshore  
Production



## State-of-the-art facility

Las Limas is designed for maximum efficiency in production and operation. It features automated vents, fans and shade cloths to optimize greenhouse conditions for producing premium-quality vegetative cuttings.



## Keeping it clean

The facility design, along with a strict, three-stage sanitation process, prevent insects, diseases and bacteria from entering the greenhouses – keeping them as sterile as possible.



## Protecting the environment

Las Limas grows in reusable, sterilized volcanic rock, allowing for quick water adjustment schedules. All water is recycled and sterilized before reuse, making it a more sustainable operation and minimizing fertilizer re-application.

GH GH



## Innovator of the Year 2016

Las Limas received the 2016 Innovator of the Year award by the Nicaraguan Export Producers Association. Their technology and state-of-the-art facility puts them at the top of Nicaraguan industry.



## Quality employees

Each crop has a different cutting specification and technique in order to harvest it properly, so the training process is taken very seriously. The local labor force is highly skilled in agricultural production and receives extensive training.



## Freshest cuttings, best order fill

Every bag of cuttings has its own bar code, which allows employees to check order accuracy and track the exact bench where the cuttings were processed. Approximately 15 percent of all bags are inspected for accuracy of count and quality, as well as for the right specs.



## Farm to door logistics

Speed is vital to ensure that the cuttings stay as fresh as possible. Once the cuttings are harvested, bagged and entered into the system, the goal is to deliver them to a grower or rooting station within 36 to 48 hours.

# Floricultura

## Geranium specialists

While Las Limas handles a wide variety of specialty garden items for Ball FloraPlant, Floricultura is the sole provider of Genesis™ direct-stick callused cuttings.

This facility, located in Guatemala, presents the ideal climate for producing strong geranium cuttings and the best callused program. Growers continue to switch to Genesis based on the benefits of reducing labor and input costs, shortening crop time, and providing less shrink.



Floricultura facility in Jalapa, Guatemala



Genesis production uniformity in the greenhouse



Geranium harvesting



# Top-notch liner truck delivery

Over 90% of Ball Seed liner orders are shipped via our suppliers' climate-controlled truck delivery system. This is the **most economical and efficient** way to receive your order.

Plants arrive in prime condition, making growing more successful. Get **top-quality, always-fresh liners** delivered to your door, when you need them.



**Rick Mast,**  
Sales  
Manager

## Rooting Stations

Top quality. On time. Complete orders.

We work with our suppliers to ensure **99% of our orders are filled** on time – with the highest quality and in full.

You can check instant, up-to-the-minute availability and place your order for all Ball FloraPlant products, 24/7, with **Ball WebTrack®** at [ballseed.com](http://ballseed.com). Or, contact your Ball Seed sales rep. See pages 121-128 for a listing of all regional reps.

You can also look on **WebTrack for Gold Service Suppliers**. They provide:

- Accurate Inventory
- Timely order confirmations and shipment tracking
- Priority service on shortages and substitutions

Get you what you need, when you need it! YOUR success is our passion!

*Rick Mast*



## Regional supplier network

Every Ball FloraPlant liner you order is grown and shipped to you by one of the top-rated network members, located throughout North America. The network has more than 180 years of combined experience producing top-quality young plants and shipping them in the most effective ways possible – by truck or box!

### CALIFORNIA

Ball Tagawa Growers  
Arroyo Grande, California (SG, MM)

### COLORADO

Tagawa Greenhouse  
Brighton, Colorado (GE, SG, MM)

### GEORGIA

Sunbelt Greenhouses, Inc.  
Douglas, Georgia (SG, MM)

### MARYLAND

Greenstreet Growers  
Lothian, Maryland (SG, MM)

### MICHIGAN

Mast Young Plants  
Grand Rapids, Michigan  
(GE, SG, MM)

Tuinier Brothers Greenhouses  
Kalamazoo, Michigan (GE, SG)

### MINNESOTA

Wagner Greenhouses  
Minneapolis, Minnesota  
(GE, SG, MM)

### NEW HAMPSHIRE

D.S. Cole Growers  
Loudon, New Hampshire (SG, MM)

### NEW YORK

Dickman Farms  
Auburn, New York (GE, SG, MM)

Van de Wetering Greenhouses, Inc.  
Jamesport, New York (GE, SG, MM)

Amos Zittel & Sons  
Eden, New York (GE, SG)

### OREGON

Al's Garden Center & Greenhouse  
Woodburn, Oregon (SG)

Fessler Nursery  
Woodburn, Oregon (SG, GE, MM)

### WASHINGTON

#### (Also Western Canada)

Van Wingerden Greenhouses  
Blaine, Washington (GE, SG, MM)

### CANADA

#### BRITISH COLUMBIA

West Coast Floral – Surrey (GE)

#### ONTARIO

George Sant & Sons – Kleinburg  
(SG, GE, MM)

#### QUEBEC

Willy Haeck et Fils, Inc.  
Saint-Rémi (GE)

# MixMasters™

Prime genetics in the mix

**Joyce Mast**  
Product Manager



## Rock-solid performers!

"Your customers can bring more excitement to their retail shelves with our exceptional new mixes! **NEW Big Flirt** offers high-vigor, tough components that will fill larger pots and baskets and weather the storm, providing color from Spring through Summer. **NEW Rosé Everyday** includes MegaCopa Bacopa, so it flowers longer into the season. These colorful combos bring customers back for easy decorating options."



**NEW**

Big Flirt

## Color combos that rock!

MixMasters stays at the top of the charts with 11 new and improved combinations. Every MixMasters "recipe" has been thoroughly trialed and monitored to ensure consistency and efficiency. Combining perfectly mastered colors and greater genetic diversity, MixMasters offers rock star home garden performance every time.

### ALL-CALIBRACHOA MIXES Starting on page 18



Cherry Plum Tart



Fruit Cocktail



Laguna Beach



Panorama



Playdate



Spirits United



**NEW**

Spring Showers



Sprinkles On Top



Sundance



Sweet Melody



**NEW**

Tropicali

### HEAT-LOVING MIXES Starting on page 21



Feelin' Lucky



Lucky Charm



**NEW**

Summer Blues Improved



**NEW**

Summer Bouquet Improved

SEASON  
EXTENDER

**MULTI-SPECIES MIXES** Starting on page 8



A Grape Fit!



Bejeweled



Berry Basket



Big Flirt



Circus Parade



Color Magic



Color Theory



Cotton Tail



Do You Lilac It?



Eye Caramba



Fashionista



Flower Child



Gimme Some  
Sugar Improved



Heartland



I Heart Pink



Jazzberry Jam



Mambo



Over The Top



Paradise Sunrise



Pink Outside The Box



Rosé Everyday



Santa Fe Sunset



Sunday Best



Sunnyside Improved



Sweet Escape  
Improved

**MULTI-SPECIES MIXES** ●

**A Grape Fit!**

Calibrachoa Cabaret Hot Pink  
Petunia Sun Spun Lavender Star  
Verbena Aztec Violet

**Bejeweled**

Calibrachoa Cabaret Deep Yellow  
Petunia Sun Spun Burgundy  
Verbena Aztec Blue Velvet

**Berry Basket**

Calibrachoa Cabaret White  
Petunia Sun Spun Burgundy  
Verbena Aztec Burgundy Wink

**NEW Big Flirt**

Petchoa SuperCal Pink Ice  
Petunia ColorRush Blue  
Verbena EnduraScape Pink Bicolor

**Circus Parade**

Bidens Sunbeam  
Lobelia Waterfall Blue  
Verbena Aztec Red Velvet

**Color Magic**

Calibrachoa Cabaret Deep Yellow  
Lobelia Early Springs Dark Blue  
Verbena Aztec Dark Red



Big Flirt



A Grape Fit!



Bejeweled



Berry Basket



Circus Parade



Color Magic



Eye Caramba

**Color Theory**

Calibrachoa Can-Can Apricot  
Petunia Sun Spun Blue  
Verbena Aztec Dark Red

**Cotton Tail**

Calibrachoa Cabaret White  
Petunia Sun Spun White  
Verbena Firehouse White

**Do You Lilac It?**

Lobelia Early Springs  
Lavender Pink  
Petunia Sun Spun Silver  
Verbena Aztec Blue Velvet

**Eye Caramba**

Calibrachoa Cabaret White  
**NEW Petunia ColorBlitz Bluerific**  
Verbena Aztec Violet Wink



Color Theory



Cotton Tail



Do You Lilac It?



NEW

Gimme Some Sugar Improved

**Fashionista**

Lobelia Early Springs Dark Blue  
Petunia Sun Spun Burgundy  
Verbena Firehouse Hot Pink

**Flower Child**

Lobelia Early Springs Sky Blue  
Petunia Sun Spun Burgundy  
Verbena Aztec White

**NEW Gimme Some Sugar Improved**

Lobelia Early Springs Dark Blue  
**NEW Sun Spun Yellow Improved**  
Verbena Firehouse Hot Pink

**Heartland**

Lobelia Early Springs Sky Blue  
Petunia Sun Spun White  
Verbena Aztec Dark Red

**I Heart Pink**

Calibrachoa Cabaret Light Pink  
Petunia Sun Spun Pink  
Verbena Firehouse Hot Pink



Fashionista



Flower Child



Heartland



I Heart Pink

### **Jazzberry Jam**

Calibrachoa Cabaret White  
Petunia Sun Spun Burgundy  
Verbena Aztec Blue Velvet

### **NEW Mambo**

Bidens 'Sun Drop'  
Calibrachoa Cabaret Orange  
Petunia Sun Spun Neon

### **Over The Top**

Calibrachoa Cabaret Deep Yellow  
Petunia Sun Spun Blue  
Verbena Aztec Burgundy Wink

### **NEW Paradise Sunrise**

Calibrachoa Cabaret Deep Yellow

### **NEW Petunia ColorBlitz**

#### **Pinkceptional**

Verbena Firehouse White

### **Pink Outside The Box**

Lobelia Early Springs  
Lavender Pink  
Petunia Sun Spun Lavender Star  
Verbena Aztec Lavender



Mambo



Pink Outside The Box



Jazzberry Jam



NEW

Paradise Sunrise



Over The Top



NEW

Rosé Everyday

**NEW Rosé Everyday**

Bacopa MegaCopa White  
Calibrachoa Can-Can Pink  
Flamingo  
Petunia Sun Spun Neon

**Santa Fe Sunset**

Bidens Sunbeam  
Calibrachoa Can-Can Terracotta  
Verbena Aztec Blue Velvet

**Sunday Best**

Petunia Sun Spun White  
Verbena Aztec Burgundy Wink  
Verbena Aztec Violet Wink

**NEW Sunnyside Improved**

Calibrachoa Cabaret Deep Yellow  
**NEW Sun Spun Yellow Improved**  
Verbena Firehouse White

**NEW Sweet Escape Improved**

Calibrachoa Cabaret Light Pink  
**NEW Sun Spun Yellow Improved**  
Verbena Aztec Burgundy Wink



Santa Fe Sunset



NEW

Sunnyside Improved



NEW

Sweet Escape Improved



Sunday Best



NEW

Spring Showers

**ALL-CALIBRACHOA MIXES** ●

**Cherry Plum Tart**

Calibrachoa Cabaret Bright Red  
Calibrachoa Cabaret Deep Blue  
Calibrachoa Cabaret Hot Pink

**Fruit Cocktail**

Calibrachoa Cabaret Deep Yellow  
Calibrachoa Cabaret Hot Pink  
Calibrachoa Cabaret Orange

**Laguna Beach**

Calibrachoa Cabaret Bright Red  
Calibrachoa Cabaret Sky Blue  
Calibrachoa Can-Can Apricot

**Panorama**

Calibrachoa Cabaret Purple  
Calibrachoa Cabaret Rose  
Calibrachoa Cabaret White

**Playdate**

Calibrachoa Cabaret Deep Yellow  
Calibrachoa Cabaret Purple  
Calibrachoa Cabaret Rose

**Spirits United**

Calibrachoa Cabaret Bright Red  
Calibrachoa Cabaret Deep Blue  
Calibrachoa Cabaret White

**NEW Spring Showers**

Calibrachoa Cabaret Lemon  
Calibrachoa Cabaret Light Pink  
Calibrachoa Cabaret Sky Blue



Cherry Plum Tart



Fruit Cocktail



Laguna Beach



Panorama



Playdate



Spirits United



Tropicali

**Sprinkles On Top**

Calibrachoa Cabaret Bright Red  
Calibrachoa Cabaret Deep Blue  
Calibrachoa Cabaret Deep Yellow

**Sundance**

Calibrachoa Cabaret Deep Blue  
Calibrachoa Cabaret Deep Yellow  
Calibrachoa Cabaret Hot Pink

**Sweet Melody**

Calibrachoa Cabaret Deep Blue  
Calibrachoa Cabaret Hot Pink  
Calibrachoa Cabaret Light Pink

**NEW Tropicali**

Calibrachoa Cabaret Bright Red  
Calibrachoa Cabaret Deep Yellow  
Calibrachoa Cabaret Orange



Sprinkles on Top



Sundance



Sweet Melody



Summer Blues Improved



Feelin' Lucky



Lucky Charm



Summer Bouquet Improved

#### HEAT-LOVING MIXES ●

##### Feelin' Lucky

Lantana Lucky Flame  
Lantana Lucky Lemon Glow  
Lantana Lucky Pot of Gold

##### Lucky Charm

Lantana Lucky Flame  
Lantana Lucky Pot of Gold  
Lantana Lucky Sunrise Rose

#### **NEW** Summer Blues Improved

##### **NEW** Angelonia AngelMist

**Spreading Bluebird**  
Angelonia AngelMist  
Spreading Dark Purple  
Angelonia AngelMist  
Spreading White

#### **NEW** Summer Bouquet Improved

##### **NEW** Angelonia AngelMist

**Spreading Bluebird**  
Angelonia AngelMist  
Spreading Pink  
Angelonia AngelMist  
Spreading White

ANGELONIA

# Archangel™

Angelic in the heat, with the biggest blooms, too

SEASON  
EXTENDER



Raspberry

Top right: Archangel Cherry Red

Spotlight Red Ipomoea

Lucky Sunrise Rose Lantana

Bottom right: Cherry Red





Blue Bicolor



White



Cherry Red

**ANGELONIA** ●  
*Angelonia angustifolia*

**Archangel™**

**Height:** 12 to 14 in. (30 to 36 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

The biggest blooms of any angelonia series!

Thrives in extreme heat, humidity and drought.

Uniform habit and flowering time for easy, high-density production.

Well-branched plants ship with less breakage, tangling and shrinkage.

Works well in quarts, gallons and mixed containers.



Light Pink



Pink



Raspberry



Purple



Dark Purple



Dark Rose

# AngelMist® Spreading

Heavenly display in baskets and landscapes



**Rick Mast**  
Sales Manager

## Enjoy a blues fest

“**NEW Bluebird's** stunning blue bicolor and large flowers make a huge impact. The blooms start out with bold bicolor in the store in late Spring and transition to a lavender blue two-tone further into the season.



Left to right: Bluebird's blooms change color from Spring to Summer

Plus, due to its spreading habit, **AngelMist** is phenomenal in garden beds. One of our customers did an awesome-looking 6-pack to offer shoppers the quantity to fill a border. AngelMist also works well in hanging baskets, ideal for the Summer sale season.”

SEASON  
EXTENDER



Spreading Dark Purple

Top right: Spreading White

Bottom right: NEW Spreading Bluebird





NEW

Spreading Bluebird



Spreading Pink



Spreading White



Spreading Dark Purple

## ANGELONIA ●

*Angelonia angustifolia*

### AngelMist® Spreading

**Height:** 4 to 10 in. (10 to 25 cm)

**Spread:** 12 to 20 in. (30 to 51 cm)

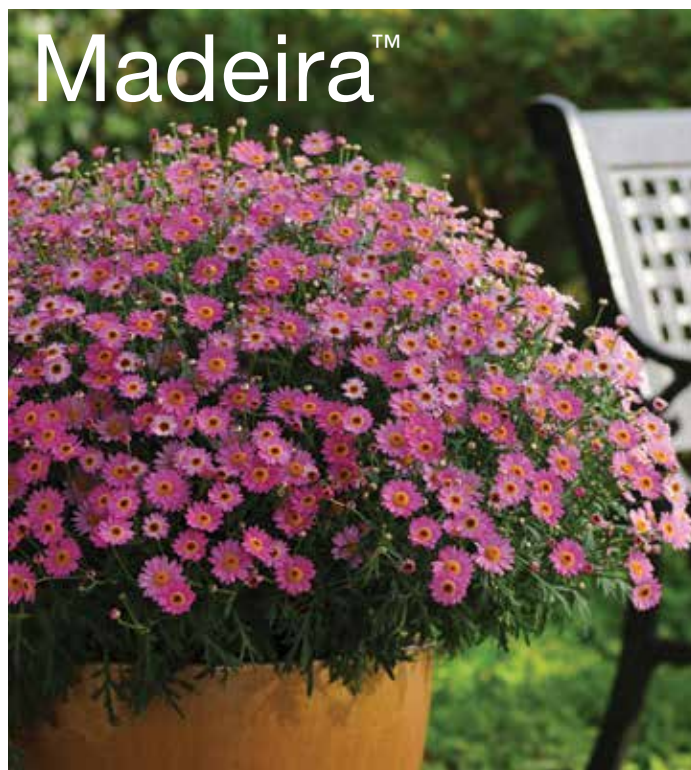
First large-flowered spreading angelonia.

Big blooms have big impact in baskets or in the ground!

Extreme heat, humidity and drought are no match for these super-spreading varieties.

Low-growing variety makes a unique groundcover.

**NEW Spreading Bluebird:** Great blue bicolor addition to an already strong lineup. Summer's heat will transition the bicolor to a lavender blue two-tone.



Deep Pink



White



Primrose



Crested Yellow

**ARGYRANTHEMUM** ●  
*Argyranthemum frutescens*

**Madeira™**

**Height:** 12 to 18 in. (30 to 46 cm)

**Spread:** 16 to 20 in. (41 to 51 cm)

Wide color range, multiple flower forms, superior uniformity.

The well-matched habit, early flowering and branching make Madeira ideal for bench-run programs.

Vigorous, upright plants work well in full-sun gardens, landscapes, mixed containers and planters.

Low-energy cool crop is great for Spring programs.

For 6-in. (15-cm) pots to gallons and larger.

Also available as Genesis direct-stick cuttings.

MADEIRA is a U.S. trademark of Bonza Botanicals, Pty., Ltd.



Deep Pink




Crested Hot Pink



Red



Crested Merlot

 **Grower's Choice:** These varieties share uniform timing and habit



'Butterfly' Argyranthemum

**ARGYRANTHEMUM** ●  
*Argyranthemum frutescens*

#### 'Butterfly'

**Height:** 14 to 18 in. (36 to 46 cm)  
**Spread:** 12 to 16 in. (30 to 41 cm)

Upright, mounded and well-branched plants with long-lasting yellow flowers. Perfect for Summer and Fall programs.

Also available as Genesis direct-stick cuttings.



Red Threads Alternanthera

**ALTERNANTHERA** ● ●  
*Alternanthera ficoidea*

#### Red Threads

**Height:** 10 to 12 in. (25 to 30 cm)  
**Spread:** 16 to 18 in. (41 to 46 cm)

Unique, easy-to-grow foliage plant adds distinctive color and texture to sun and shade combos. Densely branched, with compact, tightly mounded habit – requires only one pinch in finishing. Thrives in heat, holds up at retail in shady conditions.



'Amethyst' Brachyscome



'Enduring Blue' Brachyscome

**BRACHYSCOME** ●  
*Brachyscome hybrida*

#### 'Amethyst'

**Height:** 12 to 18 in. (30 to 46 cm)  
**Spread:** 10 to 14 in. (25 to 36 cm)

The small, lavender blue flowers contrast beautifully with dark green foliage. Best in early-season containers, or landscapes in cooler coastal areas.

#### 'Enduring Blue'

**Height:** 4 to 6 in. (10 to 15 cm)  
**Spread:** 8 to 12 in. (20 to 30 cm)

Finely textured foliage and small blue flowers on upright, mounded plants. More compact than Amethyst, Enduring Blue is a great performer in mixed containers and landscapes in cooler coastal areas.



Radiant Magenta Brachyscome

#### Radiant Magenta

**Height:** 5 to 7 in. (13 to 18 cm)  
**Spread:** 6 to 8 in. (15 to 20 cm)

The brightest magenta brachyscome on the market, with superior iron uptake for healthier plants and dark green foliage. Makes a great gift item. Compact variety is excellent for pot-tight production, with no PGRs or pinching required. Best for 4-in. (10-cm) pots and quarts.

BACOPA

# MegaCopa™

Blockbuster blooms power through the heat

Rebecca  
Tashiro  
Breeder



## Mega-fresh blooms all season long

"**MegaCopa Versa White** is a unique variety in bacopa. It is ideal to grow in quarts for growers who want to finish a quart earlier. With its upright, mounding habit, Versa White won't tangle on the bench, plus it works great in combos, pushing out fresh blooms over the older ones so you always have a great-looking plant. And it outperforms the leading bacopa in the heat. In Texas trials, Versa White showed the best in performance and the longest blooming in the season."



Versa White

Top right: White in NEW MixMasters  
Rosé Everyday



White



Pink

**BACOPA** ●  
*Sutera cordata*

**MegaCopa™**

**Height:** 4 to 6 in. (10 to 15 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

This series of bacopa is notable for its well-branched habits, large flowers and improved heat performance.

Controlled habit is grower-friendly and offers better centerfill than other bacopa.

Largest flower size in the industry, with showy blooms that cover the plant, driving impulse sales at retail.

Versa White is ideal for quart or 4-in. (10-cm) pots. It hides older flowers better than other varieties and has more flower cover in a smaller container.



Versa White



Sky Blue



Blue



Left to right: Texas Trials – leading heat-performance variety versus MegaCopa White.

# Bee Alive

Cool colors and a controllable habit



## Perfect colors for Fall sales

Bottom right: Bee Alive  
Cabaret Deep Blue Calibrachoa  
ColorGrass Red Rooster Carex

## BIDENS ●

*Bidens ferulifolia*

### 'Bee Alive'

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 18 to 24 in. (46 to 61 cm)

Controlled habit is ideal for small pots up to hanging baskets. Easy production for retail.

Exciting novelty color and pattern for Spring and Fall.

Great color that can be produced during the heat of Summer for Fall sales – also works in Fall mixed combos!

Flowers attract pollinators, such as bees and butterflies.

'Bee Alive'



'Sun Drop'



'Sun Drop' in NEW MixMasters Mambo



Sunbeam



'Sun Drop Compact'

**BIDENS** ●  
*Bidens aurea*

**Sunbeam**

**Height:** 10 to 14 in. (25 to 36 cm)

**Spread:** 18 to 28 in. (46 to 71 cm)

High vigor, early-season color and cool growing options make Sunbeam a must-have for large basket and combination programs.

**'Sun Drop Compact'**

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 12 in. (30 cm)

Smaller version of 'Sun Drop'. Perfect for small pot production and plays nice in mixed containers. Also, best for the southern region.

**'Sun Drop'**

**Height:** 12 to 18 in. (30 to 46 cm)

**Spread:** 12 in. (30 cm)

Top-selling bidens features large flowers and a controlled, upright habit that won't fall apart at retail. Early flowering and densely branched, with big, eye-catching blooms. Works well in mixed baskets and patio containers.

BRACTEANTHA

# Dreamtime®

Big, dreamy blooms perk up early-season sales



Jumbo Yellow

**BRACTEANTHA** ●  
*Bracteantha bracteatum*

## Dreamtime®

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

More controlled and mounded plants hold their shape from greenhouse to garden.

Makes a high-impact retail display.

Excellent tolerance for cool temperatures.

Ideal for high-density programs in 4 and 4.5-in. (10 and 11-cm) pots.

Also available as Genesis direct-stick cuttings.

DREAMTIME is a U.S. registered trademark of Bonza Botanicals, Pty., Ltd.



Jumbo Rose



Jumbo Yellow



Jumbo Pure White



Jumbo Red

# Conga™

The conga line starts here for compact color bowls



**Laura Masor**  
Breeder

## Regional culture recommendations

"Conga is so simple! Stick it and forget it, because no pinch and no PGR is our recommended culture practice for all Conga in quarts."



NEW Rose Kiss Improved

### West region

So simple! No pinch, no PGR needed.

### Midwest, Canada and Northeast region

Pinch your liner prior to transplant and that's it! In all our specific culture trials in the Midwest, we found that because of the lower light conditions a pinch is recommended and no PGR is needed.

### South and Southeast region

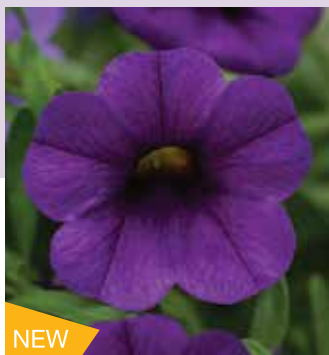
Crops produced for early flowering dates before Week 3 in Florida may benefit from light PGR drenches. See the culture recommendation section starting on page 130.



Top: Dark Blue  
Deep Yellow

Bottom: White  
NEW Orange Kiss  
Deep Yellow  
NEW Dark Blue





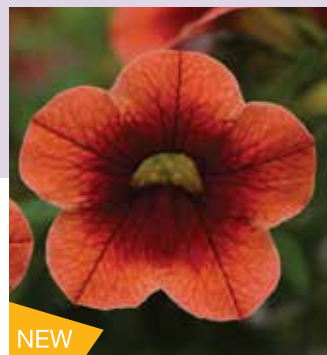
NEW

Dark Blue



NEW

Lavender



NEW

Orange Kiss



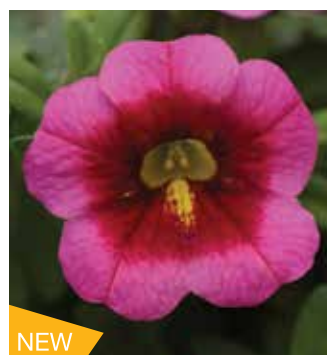
NEW

Pink



NEW

Red



NEW

Rose Kiss Improved



NEW

Rose



NEW

Sunset Kiss



Coral Kiss



Deep Yellow



Sun Kiss



White

**CALIBRACHOA** ●  
*Calibrachoa hybrida*

**Conga™**

**Height:** 6 to 10 in. (15 to 25 cm)

**Spread:** 8 to 10 in. (20 to 25 cm)

Conga announces a phenomenal new variety introduction year to continue building momentum!

We've got 8 new and improved colors to complete this series for easy-to-produce quarts and color bowls.

Naturally compact habit is perfect for pot-tight production and no PGRs needed. Easy to grow – very uniform.

Excellent pH tolerance and profuse flowering give Conga superior hold at retail. Flowers one week earlier than Cabaret series.

Great choice for quarts, color bowls and window boxes.

**NEW Red:** Note that Red is a bit more vigorous than the rest of the series.

**NEW Lavender:** A unique color to compact calibrachoa.

**NEW Orange Kiss:** Exciting bicolor unique to the market.

**NEW Pink:** A true pink color.

**NEW Rose:** Brighter, more intense color. (Formerly Rose Kiss)

**NEW Rose Kiss Improved:** A unique bicolor with a stronger pink bloom and rich, red throat.

**NEW Sunset Kiss:** Visually stunning orange bloom features a deep red eye.

# Cabaret®

Right on beat for better baskets



Bright Red, Deep Yellow and Orange  
in NEW MixMasters Tropicali

## CALIBRACHOA *Calibrachoa hybrida*

### Cabaret®

**Height:** 6 to 10 in. (15 to 25 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

A strong new variety year for Cabaret.

Not only does Cabaret carry the best-performing solid colors, we now have a stunning lineup of NEW bicolors to bring even more excitement to this series!

Super-uniform in habit and flower timing, so you can mix all colors in the series.

All varieties flower with 11-hour day length, and stay open and in flower under low light conditions – a big plus at retail.

Well-branched with full centers.

Works well in 4.5 to 6-in. (11 to 15-cm) pots up to large baskets.

**NEW Coral Kiss:** A thrilling coral eye-type bicolor expands the series.

**NEW Light Pink Kiss:** An exciting light pink bicolor with brighter coloration, a nice red throat and a tight habit.

**NEW Pink:** Gives Cabaret the best pink assortment on the market.

**NEW Purple Heart:** A dramatic purple eye-type calibrachoa.

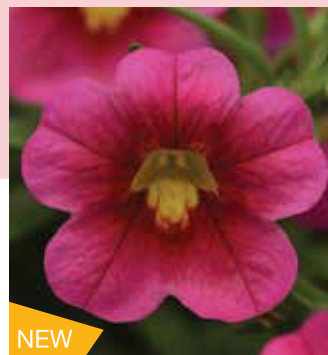
**NEW Rose Kiss:** Features a brighter rose color, with an eye-catching shimmer and shine effect, plus a red center and yellow eye.



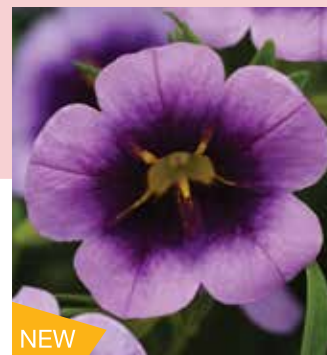
Coral Kiss



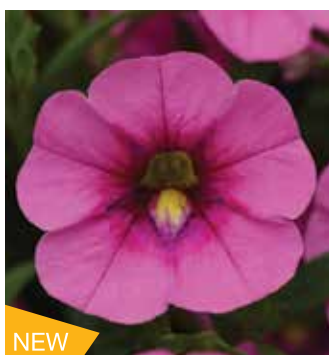
Light Pink Kiss



Rose Kiss



Purple Heart



Pink



Bright Red



Light Pink



Orange



Pink Star



Deep Blue



Lemon Yellow



Sky Blue



Deep Yellow



Hot Pink



Lavender



Rose



White



Purple

CALIBRACHOA

# Can-Can<sup>®</sup>

Kicks up larger baskets with cool colors and patterns



NEW Bumble Bee Pink



Bumble Bee Pink



Neon Pink



Hot Pink Star



Apricot



Pink Flamingo



Orange



Magenta Kiss



Terracotta



Dark Purple

### Can-Can®

**Height:** 10 to 15 in. (25 to 38 cm)

**Spread:** 10 to 15 in. (25 to 38 cm)

One-of-a-kind colors and strong vigor for full-bodied mixed containers.

Flowers stay open under the lowest light conditions – look fresh at retail!

Strong adaptability: specially selected to stand up to harsh conditions.

Well-suited for 6-in. (15-cm) pots up to large hanging baskets.

**NEW Bumble Bee Pink:** Star, eye, picotee and tri-color – this calibrachoa has it all! Bumble Bee Pink is the first eye-type calibrachoa with a star pattern! Wider star adds wow to the throat of the bloom. Perfect for large baskets and combos.

# Coleus

Colossal color and eye-popping patterns

## Jason Twaddell

Product  
Representative



## Focus on the vigor

"We've grouped our premium coleus by vigor to assist in variety selection. This also helps provide trouble-free planting for landscapes and containers."

### COMPACT

#### COMPACT

Ruby Slipper  
Mint Mocha  
Special Effects

### MEDIUM

#### MEDIUM

Campfire  
Coleosaurus  
Electric Lime  
Henna  
Indian Summer  
Inferno

### VIGOROUS

#### VIGOROUS

French Quarter  
Redhead  
Trusty Rusty  
Vino  
Wasabi

SEASON  
EXTENDER



Redhead

Bottom right: Wasabi Coleus  
Jade Frost Lamium  
NEW ColorBlitz Bluerific Petunia

## COLEUS

*Solenostemon scutellarioides*

Stunning colors and patterns for full sun and shade.

Premium varieties are very late to never flowering.

Low-maintenance, high-impact plants are perfect for large pot programs and landscaping.





Mint Mocha



Ruby Slipper



Special Effects

COMPACT

## COMPACT

### Mint Mocha

**Height:** 14 to 24 in. (36 to 61 cm)

**Spread:** 14 to 16 in. (36 to 41 cm)

Ducksfoot-type foliage is green with mottled yellow and red flecks. For best patterns, avoid high light.

### Ruby Slipper

**Height:** 14 to 24 in. (36 to 61 cm)

**Spread:** 14 to 16 in. (36 to 41 cm)

Darker, more red version of Redhead. More compact and better branched than other red varieties. Works well in-ground and in containers in full sun and full shade.

### Special Effects

**Height:** 14 to 24 in. (36 to 61 cm)

**Spread:** 14 to 16 in. (36 to 41 cm)

Compact, densely branched collection shines in small container production. Bold foliage colors and unique leaf shapes are great in mixed containers – excellent landscape performance, too.

## MEDIUM COLEUS

MEDIUM

### MEDIUM

#### Campfire

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 14 to 24 in. (36 to 61 cm)

Features eye-catching orange foliage and proven performance in the landscape similar to Redhead and Wasabi. Stays vibrant in sun and shade. Late flowering, with a similar habit to Henna.

#### Coleosaurus

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 24 to 36 in. (61 to 91 cm)

Controlled, well-branched habit is easy to produce in small containers and requires little pinching. Similar in vigor to Redhead and Henna.

#### Electric Lime®

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 16 to 24 in. (41 to 61 cm)

Bright lemon-lime leaves electrify the shade and don't fade in sun.

ELECTRIC LIME® is a U.S. registered trademark of Florida Foundation Seed Producers, Inc.

#### Henna

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 14 to 16 in. (36 to 41 cm)

Very uniform with serrated foliage in chartreuse to copper with dark burgundy undersides.

#### Indian Summer

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 14 to 16 in. (36 to 41 cm)

Multi-color earthtones in red, green and brown deepen in high light.

#### Inferno

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 14 to 24 in. (36 to 61 cm)

Bolder than Campfire. Saturated orange coloration and textured leaves give it a WOW factor. Superior orange coloration and later-flowering than the competition. More consistent orange color, even in shady conditions.



Inferno



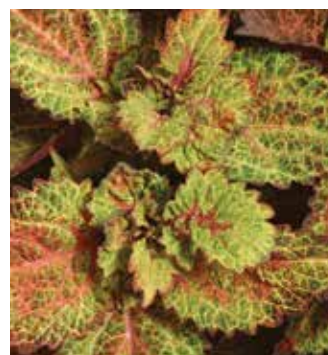
Electric Lime



Coleosaurus



Henna



Indian Summer



Campfire

## VIGOROUS COLEUS



Redhead



French Quarter



Trusty Rusty



Vino



Wasabi

VIGOROUS

### VIGOROUS

#### French Quarter

**Height:** 18 to 36 in. (46 to 91 cm)  
**Spread:** 24 to 28 in. (61 to 71 cm)

Adds depth to coleus programs with the addition of a pink. Features pink, magenta and green leaves. Familiar pattern of seed coleus, but more vigorous and much later-flowering.

#### Redhead

**Height:** 18 to 36 in. (46 to 91 cm)  
**Spread:** 16 to 28 in. (41 to 71 cm)

Redhead displays bright red leaves that are the truest red color of our collection.

#### Trusty Rusty

**Height:** 18 to 36 in. (46 to 91 cm)  
**Spread:** 16 to 28 in. (41 to 71 cm)

Copper leaves are outlined in golden yellow. Large-leafed and vigorous. Ships well as unrooted cuttings and liners.

#### Vino

**Height:** 18 to 30 in. (46 to 76 cm)  
**Spread:** 24 to 28 in. (61 to 71 cm)

Eye-catching plant has deep wine-colored leaves that grow darker in the sun. Upright, medium habit.

#### Wasabi

**Height:** 18 to 36 in. (46 to 91 cm)  
**Spread:** 16 to 28 in. (41 to 71 cm)

Durable and rugged for a coleus, Wasabi's serrated chartreuse leaves hold their brilliant color without fading.

# FlameThrower™

Create sparks in small pots and mixes



**Sam Hagopian**  
Product Manager

## Regional culture recommendations

"This surefire, maintenance-free coleus is amazing as a filler in mixed containers due to its compact size and bold colors. **FlameThrower** also works well in quarts. Just follow these culture tips for a strong finish."

### Western region

After extensive trials, our recommendation is that pinch is recommended, as it eliminates the need for PGR in most growing conditions. If you choose not to pinch, it is recommended to apply B-Nine spray at 2,500 ppm 2 weeks after transplant.

### Midwest, Canada and Northeast region

When trialing in the Midwest, we found that a pinch is the best strategy. And when grown for early ship dates up to Week 18, we recommend B-Nine spray at 2,500 ppm 2 weeks after transplant.



West Chicago, Illinois, Spring Week 18, 2016 – B-Nine at 2,500 ppm 2 weeks after transplant.

### South and Southeast region

Our trials showed that pinch is recommended, with finish dates after Week 5 not needing any PGR.

SEASON  
EXTENDER



NEW Salsa Verde

Bottom: NEW Salsa Verde  
Burgundy Wedding Train Coleus  
Fiesta Bonita Salmon Double Impatiens





NEW

Salsa Verde



Spiced Curry



Chili Pepper



Habanero



Chipotle

### FlameThrower™

**Height:** 12 to 18 in. (30 to 46 cm)

**Spread:** 16 to 18 in. (41 to 46 cm)

Compact to medium coleus that is perfect for quarts and mixed containers.

Bold foliage colors in a compact habit make this striking coleus ideal for small pots and mixed containers.

Its uniquely colored and shaped leaves add texture in the garden and containers.

Great garden performance in sun and shade.

**NEW Salsa Verde:** Exciting lime green color addition is similar in habit to Chili Pepper on the vigorous end of the series.



Spiced Curry, Chili Pepper, NEW Salsa Verde, Habanero and Chipotle

COLEUS



Burgundy Wedding Train Coleus



Lava Rose Coleus



Florida Sun Rose Coleus

COLEUS ● ●

*Solenostemon hybrida*

**Burgundy Wedding Train**

**Height:** 10 to 12 in. (25 to 30 cm)  
**Spread:** 24 to 36 in. (61 to 91 cm)

Distinctive “wedding train” trailing habit, dark color and unique texture are great for shade containers and baskets. Hardy until frost and thrives in the heat.

**Lava Rose**

**Height:** 6 to 10 in. (15 to 25 cm)  
**Spread:** 18 to 24 in. (46 to 61 cm)

Unique mounded and trailing coleus grows fast and full in combos and baskets. The dense, sturdy plants ship well. Great as a low-growing annual groundcover.

**Florida Sun Rose**

**Height:** 12 to 18 in. (30 to 46 cm)  
**Spread:** 12 to 14 in. (30 to 36 cm)

Rose-pink leaves are highlighted with burgundy and green speckles.

CUPHEA ●

*Cuphea hyssopifolia*

**‘Allyson Heather’**

**Height:** 14 to 16 in. (36 to 41 cm)  
**Spread:** 16 to 18 in. (41 to 46 cm)

Compact and upright variety is well-suited to mixed containers and landscapes. Small purple flowers over glossy green foliage. Heat and drought tolerant.

CUPHEA ●

*Cuphea purpurea*

**‘Firecracker’**

**Height:** 10 to 14 in. (25 to 36 cm)  
**Spread:** 12 to 14 in. (30 to 36 cm)

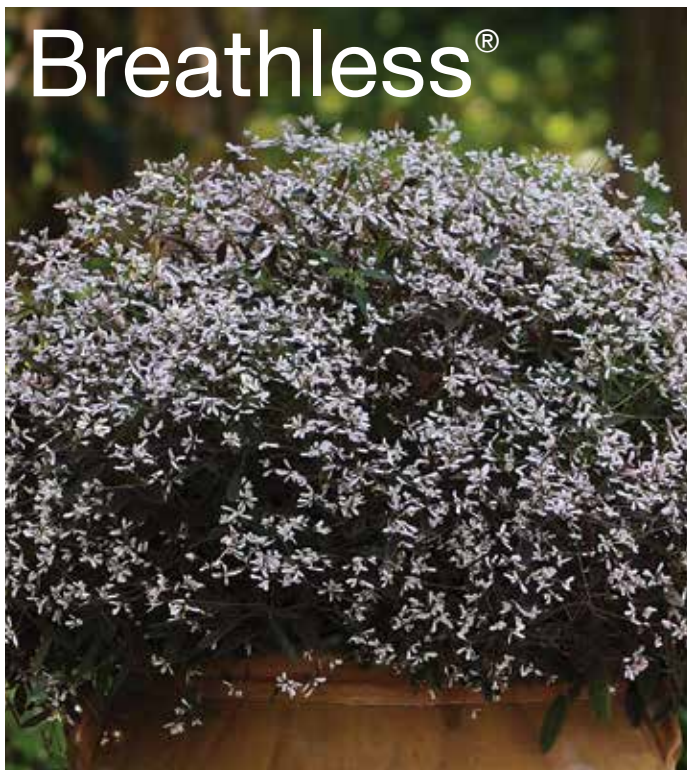
Mounded and trailing plants are useful in baskets, mixed containers and as a groundcover. Bright red and purple flowers top solid green foliage.



‘Allyson Heather’ Cuphea



‘Firecracker’ Cuphea



Breathless Blush Euphorbia



Breathless Blush Euphorbia



Breathless White Euphorbia



'Blue Daze' Evolvulus

**EUPHORBIA** ●●  
*Euphorbia hypericifolia*

**Breathless®**

**White:**  
**Height:** 10 to 15 in. (25 to 38 cm)  
**Spread:** 24 to 28 in. (61 to 71 cm)

**Blush:**  
**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 20 to 24 in. (50 to 60 cm)

Durable Breathless fills in fast.

Long-lasting plants require little water and no deadheading.

Great for sun and shade mixed containers and holiday gift planters.

Available as unrooted cuttings and rooted liners.

**EVOLVULUS** ●●  
*Evolvulus nuttallianus*

**'Blue Daze'**

**Height:** 12 to 14 in. (30 to 36 cm)  
**Spread:** 18 to 20 in. (46 to 51 cm)

Heat-tolerant, trailing plant works well in combination containers and baskets. True blue flowers are a consumer favorite.

# NEW Gardenetta™

Chic color for dazzling gardens



Passion Fruit

**DAHLIA** ●  
*Dahlia pinnata*

## NEW Gardenetta™

**Height:** 16 to 18 in. (41 to 46 cm)

**Spread:** 12 to 16 in. (30 to 41 cm)

The series features big blooms, excellent garden performance and Powdery Mildew tolerance that beats the competition across all varieties.

**NEW Passion Fruit** capitalizes on the coral and orange color trend and is truly stunning with its yellow center.

Great habit and well-branched for gallon and larger pots.



Dark Red



Lavender Swirl



Passion Fruit



Rose



Pink

**DIASCIA** ●●●  
*Diascia barberae*

**Juliet™**

**Height:** 6 to 8 in. (15 to 20 cm)

**Spread:** 4 to 6 in. (10 to 15 cm)

Compact and upright series is great for high-density pot programs.

Super-uniform across all varieties for habit and timing.

Tidy plants won't tangle, so they need less bench space and no PGRs – easier to ship, too.

Suitable for 4 to 6-in. (10 to 15-cm) pots, 10 to 12-in. (25 to 30-cm) containers.

**NEW Orange Improved and NEW White Improved:** Upgraded for a larger flower size, earlier flowering and better timing with the rest of the series.

**NEW Pink:** Offers a larger flower, earlier flowering and better timing with the series.

**NEW Rose:** This bright, new color in diascia boasts a larger flower, earlier flowering and timing to match the series.



White Improved



Orange Improved



Red

# Direct-stick Callused Cuttings

**Sam Hagopian**  
Product Manager



## Genesis cuts down on mist

“We have seen many growers use Genesis cuttings in liners, due to the 100% rooting success and the fact that they can take it off of mist multiple days earlier.”

### Mist recommendations for a Genesis geranium:

TYPE OF PROPAGATION	Genesis - Automated mist in Prop Zone with bottom heat
DAY 1	Day: Once/15 Min. Night: Once/45 Min.
DAY 2	Day: Once/20 Min. Night: Once/60 Min.
DAY 3	Day: Once/60 Min. Night: Once/3 Hours
DAY 4	Hand mist as needed
DAY 5	Off mist



## Genesis offers fantastic benefits

- LESS LABOR** – Genesis can be direct-stuck into a finished container.
- SHORTENED CROP TIME** – The comparison to the right proves the time savings.
- LESS SHRINK** – All Genesis cuttings arrive presorted for uniformity and primed for the best consistency in propagation.
- REDUCED INPUT COST** – It can be direct-stuck in cold frames and minimal heat environments.
- BETTER BRANCHING AND MORE FLOWERS** – Direct-sticking allows for maximum light penetration, leading to more branches, and therefore more color on the plant.

# Retail-ready plants in as few as 6 weeks!

Genesis cuttings offer the same speedy finish and the same top-quality plants as rooted liners, but two weeks faster than unrooted liners. In trials with **night temperatures of 55°F (13°C)**, here is a comparison of Genesis direct-stick vs. traditional unrooted liners.

## Genesis Cuttings



On arrival



3 weeks after direct-stick



At 6 weeks, the same high-quality plants and equal finish timing as the rooted liner

## Traditional Unrooted Liner

Start 2 weeks earlier to get liner ready on time



On arrival



3 weeks after transplant



At 6 weeks, finished plant is ready to ship

### Available as Genesis Direct-stick Callused Cuttings:

Argyranthemum 'Butterfly' .....p. 27  
Argyranthemum Madeira™ .....p. 26  
Bracteantha Dreamtime® .....p. 32  
Geranium, Ivy Focus™ .....p. 60  
Geranium, Ivy Precision™ .....p. 62  
Geranium, Zonal Allure™ .....p. 58

Geranium, Zonal Dynamo™ .....p. 56  
Geranium, Zonal Fantasia® .....p. 54  
Geranium, Zonal Presto™ .....p. 52  
Osteospermum Blue Eyed Beauty .....p. 96  
Osteospermum Blushing Beauty .....p. 97  
Osteospermum Serenity™ .....p. 98


Osteospermum Voltage™ White .....p. 100  
Osteospermum Voltage™ Yellow .....p. 100  
Scaevola 'Blue Fan' .....p. 112  
Scaevola Bondi™ .....p. 112  
Scaevola 'Brilliant' .....p. 112  
Scaevola White Sparkle .....p. 112

# Presto™

Try to keep up with this compact, dark-leaved series



Presto™ – COMPACT HABIT			
VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Brilliant Red <i>TOP SELLER</i>	medium	dark	compact
Dark Fuchsia	medium	dark	compact
Dark Red <i>TOP SELLER</i>	medium	dark	compact
Dark Salmon <i>TOP SELLER</i>	medium	dark	compact
Deep Scarlet	medium	dark	compact
Light Salmon	medium	dark	compact
Pink <i>TOP SELLER</i>	medium	dark	compact
Pink+Eye	medium	dark	compact
Pink Sizzle	medium	dark	compact
Rose Sizzle	medium	dark	compact
Violet <i>TOP SELLER</i>	medium	dark	compact
White	medium	dark	compact

 **REAL SERIES:** All varieties in a series have the same habit, vigor and flowering time for high-density production.



Dark Red



Deep Scarlet



Brilliant Red



Violet



Dark Fuchsia



Dark Salmon



Rose Sizzle



Pink



Pink+Eye



Light Salmon



Pink Sizzle



White



Light Salmon

**ZONAL GERANIUM** ●  
*Pelargonium hortorum*

**Presto™**

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 8 to 10 in. (20 to 25 cm)

**Compact, dark leaf.**

The most uniform, compact, dark-leaved zonal geranium series.

Presto produces a strong first flush of flowers – 3 to 4 blooms.

Naturally compact habit needs no PGRs, saves you time and money.

Best suited to 4 to 6-in. (10 to 15-cm) pots and 10 to 14-in. (25 to 35-cm) baskets.

Also available as Genesis direct-stick cuttings.

**Regional culture recommendations**

Our most compact line generally does not need PGR in the **West, South and Southeast regions.**

To get the best plant habit in the **Midwest and Northeast**, we suggest Cycocel spray at 500 ppm 2 weeks after transplant.

# Fantasia®

Bright blooms, dark leaves — a fantasy come true

GENESIS™



## Fantasia® – MEDIUM HABIT

VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Appleblossom	medium	dark	medium
Cardinal Red <b>TOP SELLER</b>	medium	dark	medium
Coral	early	dark	medium
Cranberry Sizzle	medium	dark	medium
Dark Red <b>TOP SELLER</b>	medium	dark	medium-vigorous
Flamingo Rose	early	dark	medium
Neon Rose	medium	dark	compact
Pink	medium	dark	medium
Purple Sizzle <b>TOP SELLER</b>	medium	dark	compact
Raspberry Twizzle	medium	dark	compact
Salmon <b>TOP SELLER</b>	medium	dark	medium
Scarlet	early	dark	medium
Shocking Pink <b>TOP SELLER</b>	medium	dark	medium
Strawberry Sizzle <b>TOP SELLER</b>	medium	dark	medium
Violet <b>TOP SELLER</b>	medium	dark	medium
NEW White Improved	medium	dark	medium

**GROWER'S CHOICE:** These varieties share uniform timing and habit

## ZONAL GERANIUM



Dark Red



Cardinal Red



Scarlet



Cranberry Sizzle



Violet



Purple Sizzle



Coral



Salmon



Strawberry Sizzle



Flamingo Rose



Neon Rose



Shocking Pink



Pink



Raspberry Twizzle



Appleblossom



**NEW** White Improved

### **Fantasia®**

**Height:** 12 to 14 in. (30 to 36 cm)

**Spread:** 12 to 14 in. (30 to 36 cm)

**Medium vigor, dark leaf.**

Dark leaves offer superb contrast to bright blooms.

Excellent uniformity for more plants per sq. ft. and optimum shipping density.

Targeted range of core and novelty colors simplifies selection.

Best suited to 5-in. (13-cm) and larger pots and hanging baskets.

**NEW White Improved:** Offers better vigor for a habit that matches closer to Cardinal Red.

Also available as Genesis direct-stick cuttings.

### **Regional culture recommendations**

This medium, dark-leaved line is production friendly in the **West**, as our trials only require Cycocel spray at 500 ppm 2 weeks after transplant to make a nice plant habit. In the **Midwest**, where there are lower light conditions, we suggest Cycocel spray at 750 ppm 2 weeks after transplant to give the plants more tone.

# Dynamo™

Powerhouse of color and uniformity



PLANT SIZE

PRESTO   FANTASIA   DYNAMO   ALLURE

Dynamo™ – MEDIUM HABIT			
VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Dark Red <b>TOP SELLER</b>	medium	green	medium
Dark Salmon	medium	green - zoning	medium
NEW Hot Pink Improved	medium	green	medium
Light Pink	medium	green - zoning	medium
Purple	medium	green	medium
Raspberry Sizzle	medium	green	medium-vigorous
Red <b>TOP SELLER</b>	medium	green	medium-vigorous
Salmon <b>TOP SELLER</b>	medium	green - zoning	medium
Scarlet	medium	green	medium
Violet <b>TOP SELLER</b>	medium	green - zoning	medium
White	medium		
<b>GROWER'S CHOICE:</b> <i>These varieties share uniform timing and habit</i>			



Dark Red



Red



Scarlet



Violet



Purple



NEW Hot Pink Improved



Dark Salmon



Salmon



Raspberry Sizzle



Light Pink



White

### Dynamo™

**Height:** 12 to 14 in. (30 to 36 cm)

**Spread:** 12 to 14 in. (30 to 36 cm)

**Medium vigor, green leaf.**

Dynamo is the powerhouse among zonal geraniums: all the key colors you need in a uniform series.

Matches for habit, flower timing and branching to ship all at once.

Powerful first flush of color with more continuous blooms per plant.

### NEW Hot Pink Improved:

Upgraded for a better hot pink flower color, better branching and more flower power in the finished pot or garden.

Also available as Genesis direct-stick cuttings.

# Allure™

Full-bodied and supersized — a tempting combination



PLANT SIZE

▼ ▼ ▼ ▼

PRESTO FANTASIA DYNAMO ALLURE

Allure™ – VIGOROUS HABIT

VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Hot Coral <i>TOP SELLER</i>	medium	green	vigorous
Light Pink	medium	green	medium
Lilac Chiffon	late	green	vigorous
Pink Sizzle	medium	green	medium
Purple Rose	medium	green	medium
Salmon	medium	green - zoning	vigorous
Scarlet <i>TOP SELLER</i>	early	green - zoning	vigorous
Tangerine <i>TOP SELLER</i>	medium	green	vigorous
True Red	medium	green	vigorous
White	medium	green	vigorous



Scarlet



True Red



Hot Coral



Tangerine



Purple Rose



Pink Sizzle



Salmon



Lilac Chiffon



Light Pink



White

**Allure™**

**Height:** 14 to 18 in. (36 to 46 cm)

**Spread:** 12 to 14 in. (30 to 36 cm)

**High vigor, green leaf.**

Large, semi-double blooms last all season.

Upright plants with high stress tolerance.

Best suited to large baskets and mixed containers.

Also available as Genesis direct-stick cuttings.

# Focus™

Zoom in on a compact, controlled habit



PLANT SIZE



FOCUS    PRECISION

Focus™ – COMPACT HABIT			
VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Burgundy	early	dark	compact
Hot Pink	early	dark	compact
NEW Red	early	dark	compact
Red Ice <i>TOP SELLER</i>	early	dark	compact
Rose	early	dark	compact
REAL SERIES: All varieties perfectly timed and uniform in habit			



Burgundy



**NEW** Red



Hot Pink



Rose



Red Ice

**IVY GERANIUM** ●  
*Pelargonium x peltatum*

**Focus™**

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 12 to 14 in. (30 to 36 cm)

**Compact, dark leaf.**

The only compact, dark-leaved ivy geranium series on the market.

Habit stays tight and controlled for growing in pot-tight basket production.

Naturally compact habit simplifies small pot and quart production.

Dark leaves add attractive contrast for greater appeal and value.

Perfect uniformity across all colors.

**NEW Red:** Must-have color addition fits the Real Series designation, with uniform flower timing and habit to match the series.

Also available as Genesis direct-stick cuttings.



# Precision™

Early flowering, exact uniformity — precisely in demand



Precision™ – MEDIUM HABIT			
VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Burgundy	early	green	medium mounded
Burgundy Ice	early	green	medium-compact mounded
Dark Burgundy	early	green	medium mounded
Dark Salmon	early/medium	green	medium mounded
Lavender Blue <i>TOP SELLER</i>	early	dark	medium
NEW Pink Improved (formerly Light Pink)	early	green	medium mounded
NEW Pink Flamingo	early	green	medium mounded
Red Ice <i>TOP SELLER</i>	early	green	medium mounded
Ruby <i>TOP SELLER</i>	early	green	medium mounded
Scarlet Red	early	green	medium mounded
White Red Eye	early	green	medium-compact mounded

**REAL SERIES:** All varieties perfectly timed and uniform in habit



Dark Burgundy



Burgundy



Ruby



Scarlet Red



Burgundy Ice



Dark Salmon



Red Ice



**NEW** Pink Flamingo



Lavender Blue



**NEW** Pink Improved



White Red Eye

**IVY GERANIUM** ●  
*Pelargonium x peltatum*

**Precision™**

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 14 to 18 in. (36 to 46 cm)

**Medium vigor, green leaf.**

Specially selected for early flowering and excellent uniformity.

Oedema-resistant for clean foliage at retail and better show throughout the season.

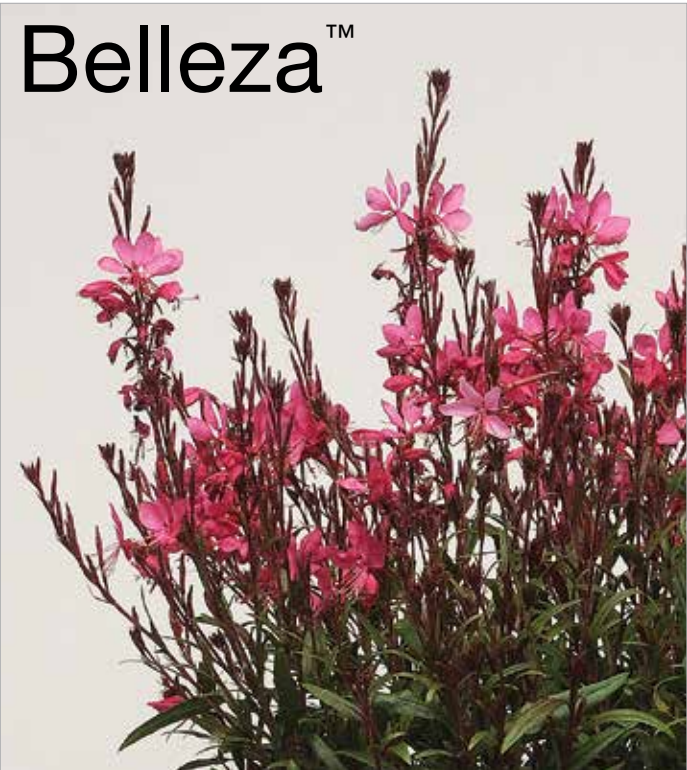
Well-suited for 4.5-in. (11-cm) pots and large baskets.

**NEW Pink Improved:** Formerly Light Pink.

**NEW Pink Flamingo:** Great new color addition fits the Precision Series for habit and flower color saturation.

Also available as Genesis direct-stick cuttings.

GAURA



Belleza Dark Pink Gaura

**GAURA** ●  
*Gaura lindheimeri*

**Belleza™**

**Height:** 12 to 18 in. (30 to 46 cm)  
**Spread:** 16 to 20 in. (41 to 51 cm)

A great companion plant, Belleza features excellent branching with short flower stems. Upright habit, with the exception of Compact Light Pink, which has a mounding habit.

BELLEZA is a U.S. trademark of Selecta Klemm GmbH & Co.

**HELICHRYSUM** ●  
*Helichrysum petiolare*

**‘Licorice’**

**Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 18 to 24 in. (46 to 61 cm)

Low-growing and semi-trailing, silvery green-leafed plant is useful as an accent in containers and baskets.



Belleza White Improved Gaura



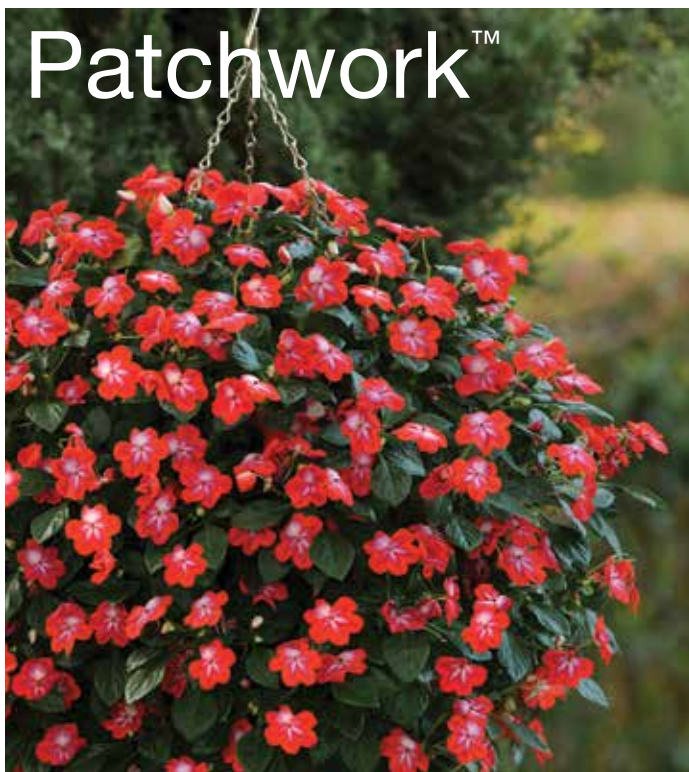
Belleza Compact Light Pink Gaura



Belleza Dark Pink Gaura



‘Licorice’ Helichrysum



Patchwork Cosmic Orange



Fusion Heat Coral



Fusion Glow Yellow



Fusion Heat Coral



Patchwork Cosmic Orange



Patchwork Peach Prism



Patchwork Cosmic Burgundy



Patchwork Pink Shades

#### EXOTIC IMPATIENS *Impatiens walleriana*

##### Patchwork™

**Height:** 10 to 16 in. (25 to 41 cm)  
**Spread:** 12 to 14 in. (30 to 36 cm)

Nothing else has these unique novelty patterns and colors!

Low-maintenance, grower-friendly impatiens require no special culture.

Best for premium 12 to 14-in. (30 to 35-cm) baskets and large container programs. Also suitable for 6-in. (15-cm) pots, quarts and gallons.

#### EXOTIC IMPATIENS *Impatiens hawkeri*

##### Fusion™

**Height:** 10 to 16 in. (25 to 41 cm)  
**Spread:** 10 to 16 in. (25 to 41 cm)

Heat-tolerant plants shine in the shade with high-voltage colors.

Vigorous and well-branched plants feature uniquely shaped flowers held over the foliage – great for retail.

Fusion can be grown in the same environment as Fiesta varieties.

Can withstand cool temperatures; prefers morning sun/afternoon shade in the garden.

Ideal for large, high-margin containers and baskets.

DOUBLE IMPATIENS

# Fiesta Bonita™

A celebration of supersized double blooms



White

## DOUBLE IMPATIENS



White



Stardust Lavender



Pink



Salmon



Rose



Cherry



Burgundy

**DOUBLE IMPATIENS**   
*Impatiens walleriana*

### Fiesta Bonita™

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

Extremely uniform series pairs large, colorful blooms with a controlled habit for easy production.

Ideal for 4-in. (10-cm), quart and 2.5-quart containers, as well as 10 to 12-in. (25 to 30-cm) hanging baskets.



DOUBLE IMPATIENS

# Fiesta™

Big and bold double blooms for the shade



Stardust Pink and Appleblossom

## DOUBLE IMPATIENS



 White



 Appleblossom



**NEW**  Lavender Orchid Improved



Pink Ruffle



 Stardust Pink



Sparkler Hot Pink



Stardust Purple



Sparkler Cherry



 Salsa Red



 Deep Orange



Sunrise Red



 Purple



Burgundy

### Fiesta™

**Height:** 10 to 16 in. (25 to 41 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

Elegant shade selection has the biggest, most fully double roselike blooms.

Includes 7 Grower's Choice varieties – these top performers deliver the most uniform habit and timing across the key double impatiens colors.

Fast, easy and economical to grow in bench-run programs.

Excellent branching and uniformity mean fewer PGRs and less stretching.

Suitable for 4 to 6-in. (10 to 15-cm) pots, 10 to 12-in. (25 to 30-cm) containers.

### NEW Lavender Orchid

**Improved:** Upgraded for a more vigorous habit to better match the series.

SPREADING AND VIGOROUS INTERSPECIFIC IMPATIENS

# SunPatiens®

Masses of nonstop color for landscapes



Vigorous Magenta

## INTERSPECIFIC

### IMPATIENS

*Impatiens hawkeri*

#### SunPatiens® Spreading

**Height:** 20 to 34 in. (51 to 86 cm)

**Spread:** 24 to 36 in. (61 to 91 cm)

Provides twice as much coverage and color as standard bedding plants.

Plants get better looking the longer they're in the garden.

Robust, disease-resistant variety performs right up until hard frost with nonstop color.

#### SunPatiens® Vigorous

**Height:** 24 to 42 in. (61 to 107 cm)

**Spread:** 24 to 30 in. (61 to 76 cm)

Thrives in sun and shade.

Ideal for large areas – produces masses of fast color.

Flourishes in extreme heat, yet tolerates light frost, so it still looks great in the Fall.

Sturdy plants stand up to wind and rain.

SUNPATIENS is bred by Sakata. SUNPATIENS is a registered trademark of Sakata.



## SPREADING AND VIGOROUS INTERSPECIFIC IMPATIENS



Spreading Clear White



Spreading White V/L



Spreading Pink Kiss



Spreading Shell Pink



Spreading Salmon V/L



Spreading Corona



Spreading Clear Orange



Spreading Carmine Red



Spreading Tropical Orange



Spreading Scarlet Red



Spreading Pink Flash



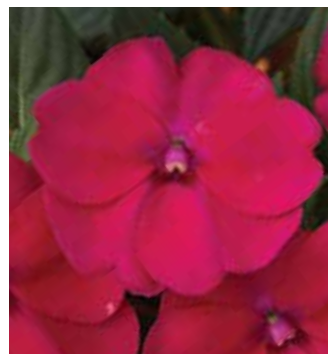
Spreading Lavender



Vigorous White



Vigorous Lavender



Vigorous Magenta



Vigorous Orange

# SunPatiens® Compact

Flower power for containers in sun and shade



Compact Electric Orange

## SunPatiens® Compact

**Height:** 14 to 28 in. (36 to 71 cm)

**Spread:** 14 to 24 in. (36 to 61 cm)

Tolerates all weather, Spring through hard frost.

Unique varieties love sun as well as shade.

Compact series is bred for small pot production and is resistant to disease.

Exceptional outdoor performance.

Roots fast, reduced crop time.

SunPatiens offers 3-color mixes that have been trialed and proven to grow well together. The components are packaged and shipped together, so you can stick them in the same container to create these sensational color combos.

Best Friends Mix contains Compact White, Compact Royal Magenta and Compact Lilac impatiens.

Desert Sun Mix contains Compact Electric Orange, Compact Hot Coral and NEW Compact Coral Pink impatiens.

**NEW Kiss'n Cousins Mix** contains Compact Royal Magenta, Spreading Pink Kiss and Spreading Shell Pink impatiens.

**NEW Summer Salsa Mix** contains Compact Coral Pink, Compact Hot Coral and Compact Red impatiens.

SUNPATIENS is bred by Sakata. SUNPATIENS is a registered trademark of Sakata.

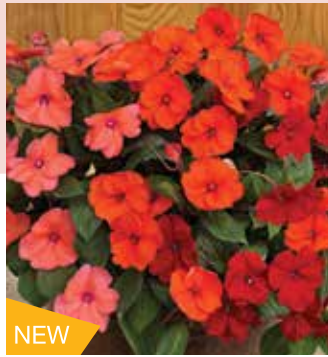


## COMPACT INTERSPECIFIC IMPATIENS



NEW

Kiss'n Cousins Mix

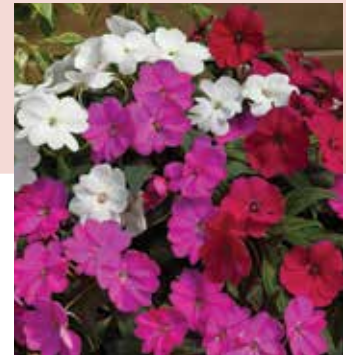


NEW

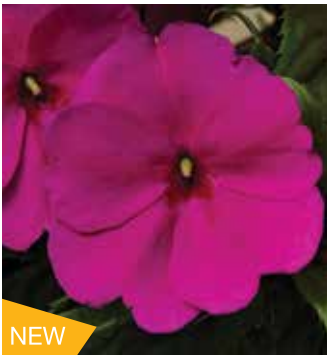
Summer Salsa Mix



Desert Sun Mix



Best Friends Mix



NEW

Compact Purple



Compact Orange



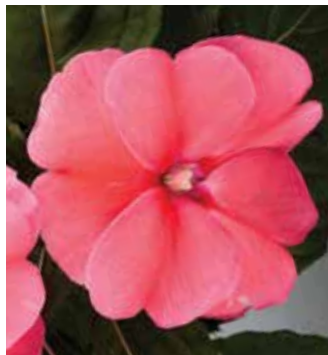
Compact Orchid



Compact Fire Red



Compact Deep Rose



Compact Pink



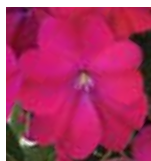
Compact White



Compact Tropical Rose



Compact Blush Pink



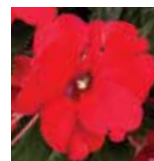
Compact Royal Magenta



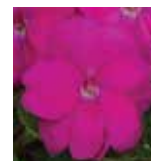
Compact Hot Coral



Compact Coral Pink



Compact Red



Compact Neon Pink



Compact Lilac



Compact Electric Orange

NEW GUINEA IMPATIENS

# ClockWork™

Extremely uniform, and all colors ship at the same time



Orange, Purple and Orange Stripe  
Right: Purple





Red



Appleblossom



Orange Stripe



Pink Star



Appleblossom



Purple



Orange



White

**NEW GUINEA IMPATIENS** ●  
*Impatiens hawkeri*

**Clockwork™**

**Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 10 to 12 in. (25 to 30 cm)

Bred to be extremely uniform in habit and flower timing across all colors, blooming all in the same week. Beneficial to greenhouse growers, as culture does not need adjusting. Since all colors finish together, they can be shipped to retail at the same time. Series truly performs like clockwork.

Large blooms.

Ideal for quart and gallon containers, and for hanging baskets.

# Celebrette

Celebrate this mid-sized stunner for small pots



NEW GUINEA IMPATIENS Celebrette			
VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Appleblossom	early	dark green	compact-medium
Bonfire Orange	medium	bronze	compact
Cherry Stripe	medium	dark green	compact
Frost	early	green	compact-medium
Grape Crush	early	dark green	compact-medium
Hot Pink	early	green	medium-vigorous
Lavender	medium	dark green	compact
Light Coral	medium	variegated	medium
Orange Crush	early	dark green	compact-medium
Orange Stripe	early	dark green	compact-medium
Orchid Star	early	dark green	compact-medium
NEW Red Improved	medium	green	compact
Salmon Frost	medium	green	compact-medium
Strawberry Star	medium	bronze	compact
GROWER'S CHOICE: These varieties share uniform timing and habit			



Appleblossom



Frost



Salmon Frost



Strawberry Star



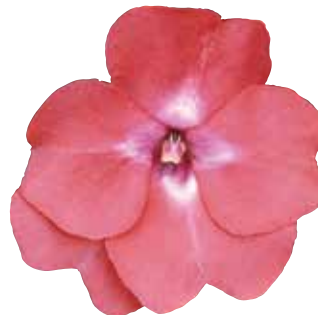
Appleblossom



Orange Stripe



Lavender



Light Coral



Orchid Star



Cherry Stripe



Hot Pink



Orange Crush



**NEW** Red Improved



Grape Crush



Bonfire Orange

### Celebrette

**Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 10 to 12 in. (25 to 30 cm)

Includes 6 Grower's Choice varieties for the most uniform habit and timing across key colors.

Mid-size Celebrette delivers early, continuous flowering, with excellent branching, controlled habit and large blooms.

Thrives in both hot and cool conditions.

Ideal for small pot programs.

**NEW Red Improved:** Upgraded for uniformity and flower timing to better match the series.

# Celebration

Keeps rockin' in bigger pots and baskets



NEW GUINEA IMPATIENS Celebration			
VARIETY	FLOWER TIMING	LEAF TYPE	HABIT
Apricot	early	dark green	vigorous
Bright Salmon	medium	dark green	vigorous
Deep Red	medium	green	compact-medium
Electric Rose	medium	green	vigorous
Icy Blue	early	dark green	vigorous
Lavender Glow	medium	green	vigorous
Orange	medium	green	vigorous
Pink	medium	green	vigorous
Purple	early	dark green	vigorous
Purple Star	medium	bronze	medium
Rose Star	medium	bronze	vigorous
Tropical Peach	medium	dark green	medium
White	early	dark green	medium-vigorous

Purple Star

## NEW GUINEA IMPATIENS



White



Icy Blue



Pink



Lavender Glow



Rose Star



Electric Rose



Tropical Peach



Apricot



Bright Salmon



Purple



Deep Red



Purple Star



Orange

### Celebration

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

Big impact for larger container programs.

Vigorous and well branched, fills in fast with fewer plants per pot.

Full color range delivers excellent greenhouse performance.

Large blooms cover the plant even in high heat.

IPOMOEA

# Spotlight™

A rising star in small pots and mixed combos

**Manda Vuksanaj**  
Product  
Representative



## Shine the light on color and texture

"**Spotlight** is ideal for combos, because it's compact and doesn't take over in a mix. They provide gorgeous accents with stunning texture in any small combo planter."



Black, NEW Mysty Salvia, EnduraScape Red Verbena

SEASON  
EXTENDER



Black, Lime and Red



Black



Lime



Red

**IPOMOEA** ●  
*Ipomoea batatas*

**Spotlight™**

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

The first compact ipomoea series!

Spotlight's compact, naturally branched habit is ideal for packs and small pots. Great for mixes, too.

The series features three bold, eye-catching colors and holds its color in extreme heat.

A compact solution for southern regions.



Black, Archangel Dark Rose Angelonia, Little Lucky Hot Pink Lantana, Goldilocks Lysimachia

IPOMOEA

# SolarPower™

Add energy and color to containers and landscapes

SEASON  
EXTENDER



NEW Lime Improved  
Right: NEW Black Improved



Black Improved



Lime Improved



Red



Red

**IPOMOEA** ●  
*Ipomoea batatas*

**SolarPower™**

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 24 to 36 in. (61 to 91 cm)

Densely branched SolarPower holds its shape and color in the landscape and mixed combos all Summer long, and it works well with companion plants.

Medium vigor and a well-branched habit.

Most efficient in production.

SolarPower's tidy habit allows for more plants per rack at retail. Best for gallon containers, 10 to 12-in. (25 to 30-cm) hanging baskets, mixed containers and landscapes.

A small-pot solution for northern regions.

NEW Black Improved and Lime Improved are a perfect match with the existing Red, and make the three varieties in the series more uniform.

**NEW Black Improved:** Upgraded for bigger plant vigor.

**NEW Lime Improved:** New version is more compact.

# NEW SolarTower™

First-ever self-climbing ipomoea

**Monique Hakkert**  
Marketing Manager



## Social climbers

"Ready to move up? Check out this first-ever self-climbing ipomoea! **NEW SolarTower** climbs a trellis and fills large pots quickly. Combine it with Sunny™ Thunbergia (page 115) for an eye-opening mix that makes a big impact at retail. Plus, you can let it climb a bamboo stick as a thriller in mixed combos, then watch those retail sales rise!"



NEW Lime, Lucky Red Lantana, FlameThrower Chili Pepper Coleus

SEASON  
EXTENDER



NEW

Lime



NEW

Black



NEW

Lime

**IPOMOEA**   
*Ipomoea batatas*

**NEW SolarTower™**

**Spread:** 36 to 48 in. (91 to 122 cm)

The first-ever self-climbing ipomoea! SolarTower climbs very quickly and fills a large pot on a quick turn.

Climbing plant is ideal for use with a trellis, as a topiary or on a vertical wall planting.

Recommended pot size is 1 gallon and up with some kind of trellis, making a huge impact at retail.

Also recommended as a thriller in mixed combos, climbing up a small bamboo stick.

Easy for the grower to maintain and produce, as it should not need any trimming, PGRs or training to climb the trellis.

Provides instant garden décor for consumers.

# NEW Bloomify™

First certified sterile lantana

## Kris Carlsson

Product Launch  
and Assortment  
Manager



## Keeps on blooming

"My passion is lantana and always has been. At home, my yard is a collection of lantana from everywhere. While my wife does not always like this, it gives me the opportunity to see this product every day when I am home. I was excited to see **NEW Bloomify Red** look excellent all Summer long in California with full flower coverage. There was a noticeable difference comparing it to the competing red later in Summer, because the competing red developed seeds and had reduced flowering, while Bloomify Red never stopped flowering and never had seed pods."



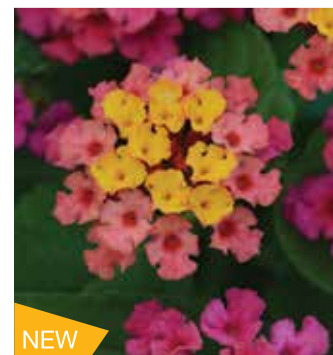
NEW Bloomify Red bursts with continuous flowers and color



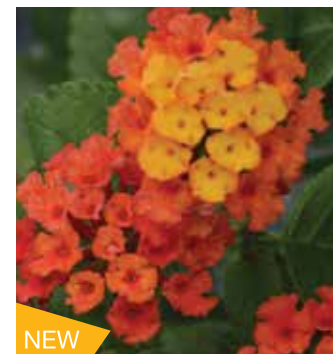
Competitive red has slowed-down flowering and shows seed pods



Red



Rose



Red



Rose, Red

**LANTANA**   
*Lantana camara*

## NEW Bloomify™

**Height:** 12 to 14 in. (30 to 36 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

The first certified sterile lantana series on the market!

Completely sterile, so it won't go out of flower in the heat of Summer.

Features better branching than the competition for a better appearance at retail.

Two weeks later to flower than the Lucky series, with a nice ball-shaped habit.

LANTANA

# Little Lucky<sup>w</sup>

This one's the charm for pot-tight production



Red



Red, Peach Glow, Orange and Lemon Cream

**Little Lucky™**

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

Uniform across all colors; great for bench runs and pot-tight production.

Up to 3 weeks earlier than other compact lantanas.

Low-maintenance varieties have long flowering into Summer with low seed set.

Across all colors of Little Lucky lantana, the simple growing solution is to pinch, with no PGRs.

Perfect for 4.5-in. (11-cm) programs.



Lemon Cream



Pot of Gold



Orange



Peach Glow



Hot Pink



Red

# Lucky™

Magically stands up to hot, dry conditions

## Luis Munoz

Culture Research  
Technician



## Regional culture recommendations

### West region

To successfully produce **Lucky** in our trials, we found it helpful to give a 5-week liner time and pinch once. We like to use PGR with a tank mix of B-Nine at 2,500 ppm and Cycocel at 750 ppm 2 weeks after transplant. Most of the time, we additionally apply a second application of the same tank mix at approximately 4 to 5 weeks after transplant.

### Midwest, Canada and Northeast region

We found B-Nine spray at 2,500 ppm to be a successful PGR for the prefinished stage, applied 2 weeks after transplant. Because of the low-light conditions, we used a Bonzi drench at 1.5 ppm 4 weeks after transplant to tone the plant habit.

### South or Southeast region

Pinch is recommended along with a light B-Nine spray at 1,250 ppm to help tone liners. In our trials, if Lucky Lantana is produced outdoors at appropriate temperatures, no PGR is needed. Please consult lantana finishing temperatures in the culture section on page 130 to make sure your outdoor conditions are warm enough.



SEASON  
EXTENDER



Flame

Right: Rose, Flame and Pot of Gold  
in MixMasters Lucky Charm





Red



White



Lemon Glow

**Lucky™**

**Height:** 12 to 16 in. (30 to 41 cm)

**Spread:** 12 to 14 in. (30 to 36 cm)

Excellent branching means less pinching, fewer PGRs.

Stands up to heat, drought and other stressful conditions.

Works well in small pots, baskets and mixed combos.



Lavender



Yellow



Pot of Gold



Pure Gold



Sunrise Rose



Flame

LANTANA

# Landmark™

Makes its mark in the landscape with vivid color, high vigor

SEASON  
EXTENDER

Yellow



Rose Glow



NEW

Red



White



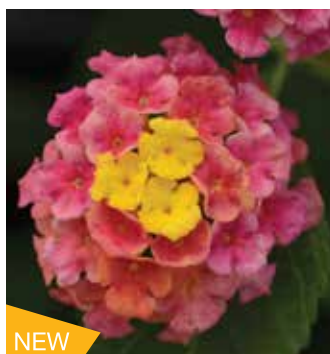
Yellow



Gold



Citrus



NEW

Sunrise Rose Improved



Rose Glow

#### Landmark™

**Height:** 15 to 20 in. (38 to 51 cm)

**Spread:** 18 to 24 in. (46 to 61 cm)

Consistent vigor for fast fill and fuller canopies.

Stays controlled from bench to garden.

Thrives in extreme heat, humidity and drought.

Best suited for 6-in. (15-cm) pots to gallons.

**NEW Red:** This red is a huge color expansion for the top-selling, vigorous, landscape lantana series.

**NEW Sunrise Rose Improved:** A core upgrade in one of the top-selling varieties in the series offers improved flower color, more flower power and better branching.

For more lantana, see page 94.

LOBELIA

# Early Springs™

Early to rise for Spring sales, but takes the heat, too



Lavender Pink in MixMasters  
Pink Outside The Box

**LOBELIA** ●●●  
*Lobelia hybrida*

## Early Springs™

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 8 to 14 in. (20 to 36 cm)

Early Springs is a series of highly uniform plants.

Try mixing colors for a great-looking monoculture basket.

Compact habit allows for pot-tight production with minimal PGRs and easy shipping.

Can be grown cool for energy savings, but performs beautifully in heat.

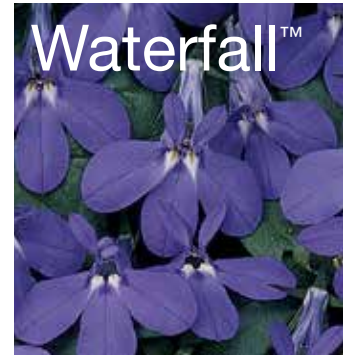
Just one plant fills a quart or gallon container.



Early Springs Dark Blue



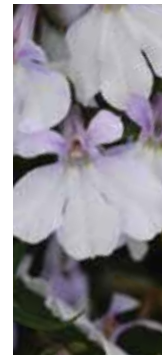
Early Springs Magenta



Waterfall Blue



Waterfall Purple



Waterfall White Blush



Early Springs Lavender Pink



Early Springs Sky Blue



Early Springs White

**LOBELIA** ●  
*Lobelia erinus*

**Waterfall™**

**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 24 to 30 in. (61 to 76 cm)

Vigorous, well-branched Waterfall is well-suited to pot-tight growing.

Less pinching is needed to send fast, full plants to market.

Covered with free-flowering blooms, the mounded, semi-trailing plants fill mixed baskets and containers.

Early flowering and daylength neutral for early-Spring programs.

Performs well in many Fall markets for season-extending sales.



Early Springs Dark Blue



Early Springs Sky Blue



Early Springs Lavender Pink



Early Springs White

HELIOTROPE



'Marine' Heliotrope

**HELIOTROPE**   
*Heliotropium arborescens*

**'Marine'**

**Height:** 10 to 14 in. (25 to 36 cm)  
**Spread:** 12 to 18 in. (30 to 46 cm)

Upright plant performs well in landscapes, baskets and patio planters.



'Blazin' Lime' Iresine



'Blazin' Rose' Iresine

**IRESINE**   
*Iresine herbstii*

**'Blazin' Lime'**

**Height:** 12 to 16 in. (30 to 41 cm)  
**Spread:** 16 to 20 in. (41 to 51 cm)

Vigorous, upright and full plants feature variegated foliage with vibrant rose stems; shows more chartreuse in higher light. Perfect for large mixed containers, landscapes.

**IRESINE**   
*Iresine hybrid*

**'Blazin' Rose'**

**Height:** 18 to 30 in. (46 to 76 cm)  
**Spread:** 16 to 20 in. (41 to 51 cm)

Striking multi-color leaves and strong vigor assure that the plant won't get lost in large mixed plantings; also ideal for landscapes.



'Dallas Red' Lantana



'New Gold' Lantana

**LANTANA**   
*Lantana camara*

**'Dallas Red'**

**Height:** 15 to 20 in. (38 to 51 cm)  
**Spread:** 18 to 24 in. (46 to 61 cm)

Mounded; useful in combination plantings. Clusters of red flowers fade to orange and yellow.

**'New Gold'**

**Height:** 15 to 20 in. (38 to 51 cm)  
**Spread:** 18 to 24 in. (46 to 61 cm)

Mounded and spreading; well-suited to landscapes.



'Purple Trailing' Lantana



'Goldilocks' Lysimachia

**LANTANA**   
*Lantana montevidensis*

**'Purple Trailing'**

**Height:** 20 to 24 in. (51 to 61 cm)  
**Spread:** 15 to 20 in. (38 to 51 cm)

Good selection for combination plantings.

**LYSIMACHIA**   
*Lysimachia nummularia*

**'Goldilocks'**

**Height:** 2 to 4 in. (5 to 10 cm)  
**Spread:** 12 in. (30 cm)

Low-care, trailing plant has lime green leaves that turn iridescent in the sun. Self-cleaning. Recommended for use in mixed containers. Temperate perennial in Zones 3 to 10.



'Jade Frost' Lamium



'Beacon Silver' Lamium



'Anne Greenaway' Lamium



'White Nancy' Lamium

**LAMIUM** ● ●*Lamium galeobdolon***'Jade Frost'****Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 36 to 48 in. (91 to 122 cm)

Fast-growing, trailing accent plant is well-suited to mixed planters and baskets.

**LAMIUM** ● ●*Lamium maculatum***'Anne Greenaway'****Height:** 6 to 8 in. (15 to 20 cm)  
**Spread:** 36 to 48 in. (91 to 122 cm)

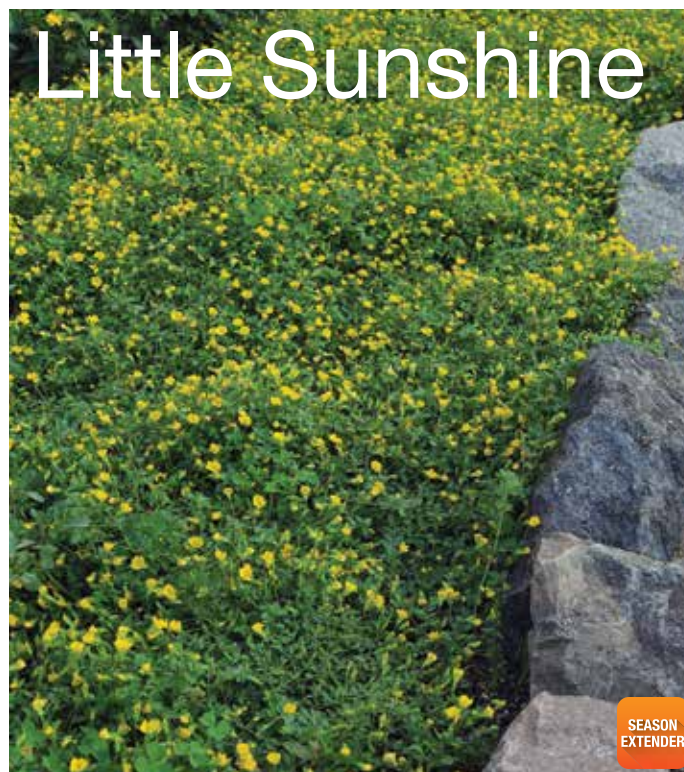
Groundcover features a mixture of green, silver and chartreuse leaves that turn mauve in the Spring.

**'Beacon Silver'****Height:** 6 to 8 in. (15 to 20 cm)  
**Spread:** 36 to 48 in. (91 to 122 cm)

Trailing, mounded variety has silver leaves with green margins, and pinkish-purple flowers at the end of the stems all Summer. Prefers evenly moist, well-drained soil.

**'White Nancy'****Height:** 6 in. (15 cm)  
**Spread:** 36 to 48 in. (91 to 122 cm)

One of the fastest-growing groundcovers has silver and green variegated foliage, and pure white flowers in early Summer.



Little Sunshine Mecardonia

SEASON  
EXTENDER

Little Sunshine Mecardonia

**MECARDONIA** ●*Mecardonia hybrida***Little Sunshine****Height:** 4 to 6 in. (10 to 15 cm)  
**Spread:** 14 to 18 in. (36 to 46 cm)  
**USDA Zones:** to Zone 10

This easy-to-produce variety flowers from Spring to Fall, making it versatile in programs all year long.

It is very tolerant of cool and warm conditions, and it will not cycle out of color at the point of sale.

It works well in 4-in. (10-cm) pots to hanging baskets, and offers great performance in the landscape.



# Blue Eyed Beauty

Eye-opening bicolor boasts early-season sales

**Rick Mast**  
Sales Manager



## Pretty, perfect pair

“Combine **Blue Eyed Beauty** and **NEW Blushing Beauty** for an ideal match in habit and timing – a pretty pair that attracts attention with exciting colors and patterns. These two work great alone...but they're even better together.”



Extensive trialing of NEW Blushing Beauty shows outstanding performance and compatability with Blue Eyed Beauty

GENESIS™



Blue Eyed Beauty

# NEW Blushing Beauty

Gorgeous, bicolor blooms generate compliments



Blushing Beauty

## OSTEOSPERMUM ●

*Osteospermum ecklonis*

### Blue Eyed Beauty

**Height:** 10 to 14 in. (25 to 36 cm)

**Spread:** 14 to 20 in. (36 to 51 cm)

Change the way you look at osteos – perfect for premium, early Spring sales.

The bright Spring yellow and contrasting center grab your eye from afar.

Exceptional bicolor has excellent habit, flower presentation and shelf life.

Also available as Genesis direct-stick cuttings.

### New Blushing Beauty

**Height:** 10 to 14 in. (25 to 36 cm)

**Spread:** 14 to 20 in. (36 to 51 cm)

Makes a colorful pair with Blue Eyed Beauty, matching well in habit and timing.

The golden yellow color and purple/pink center offer a warm, romantic touch.

Fits in our collection of exciting colors for unique-looking osteospermum.

Also available as Genesis direct-stick cuttings.

OSTEOSPERMUM

# Serenity™

Low-stress production with high-interest color



Spring Day

## Serenity™

**Height:** 10 to 14 in. (25 to 36 cm)

**Spread:** 14 to 20 in. (36 to 51 cm)

Exceptional habit and uniform timing for early-season bench-run production.

“Magic” colors change as flowers fully open – a plus in consumers’ eyes!

Low-energy crop produces full, mounded plants with tighter bench spacing and fewer PGRs.

All varieties feature the same excellent branching.

Well-suited to cool-season containers and landscapes: a full-season performer in coastal markets.

Also available as Genesis direct-stick cuttings.



Pink Magic



Rose Magic



White



Lavender Frost



Spring Day



Lemonade



Deep Yellow



Bronze



Pink



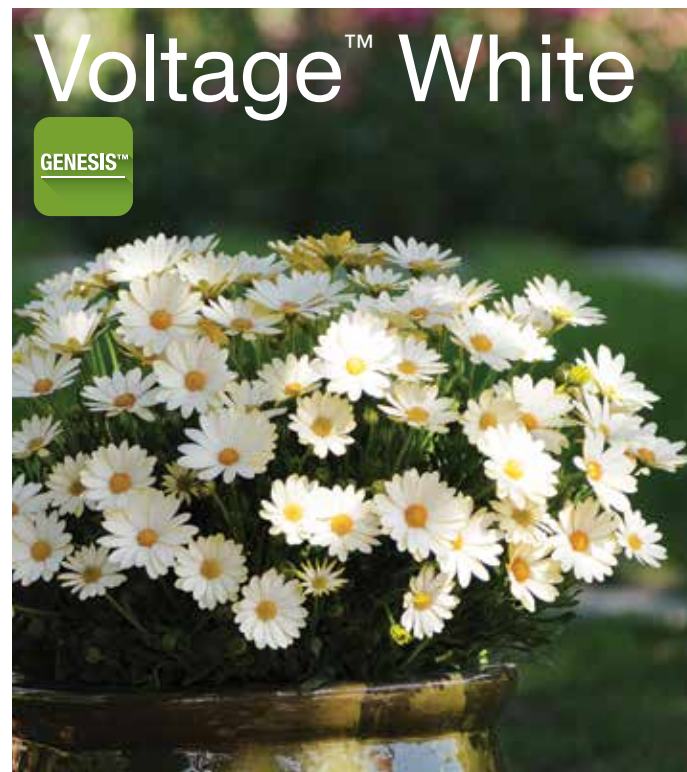
Dark Purple



Red



Voltage Yellow



Voltage White

**OSTEOSPERMUM** ●  
*Osteospermum hybrid*

#### **Voltage™ Yellow**

**Height:** 10 to 16 in. (25 to 41 cm)  
**Spread:** 24 to 28 in. (61 to 71 cm)

First osteo in bloom is also the last out of bloom – vibrant color shouts SPRING!

Mounded habit with flexible stems that sleeve, ship and show well.

Needs fewer PGRs to produce naturally full and compact plants.

Ideal for large baskets, quarts and gallons.

Also available as Genesis direct-stick cuttings.

#### **Voltage™ White**

**Height:** 12 to 18 in. (30 to 46 cm)  
**Spread:** 14 to 20 in. (36 to 51 cm)

The best Summer-performing osteo is great for growing in all climates.

Traditional daisy has white petals with a bright yellow center.

Blooms a little later than Voltage Yellow, with a more compact habit.

Also available as Genesis direct-stick cuttings.



# Direct-stick Callused Cuttings

Less labor. Shortened crop time. Less shrink. Reduced input costs.  
Get retail-ready, top-quality osteospermums in as little as 14 weeks.

## Genesis™ Cuttings

All our osteos are also available as Genesis cuttings. For more information on Genesis cuttings, see pages 50-51.



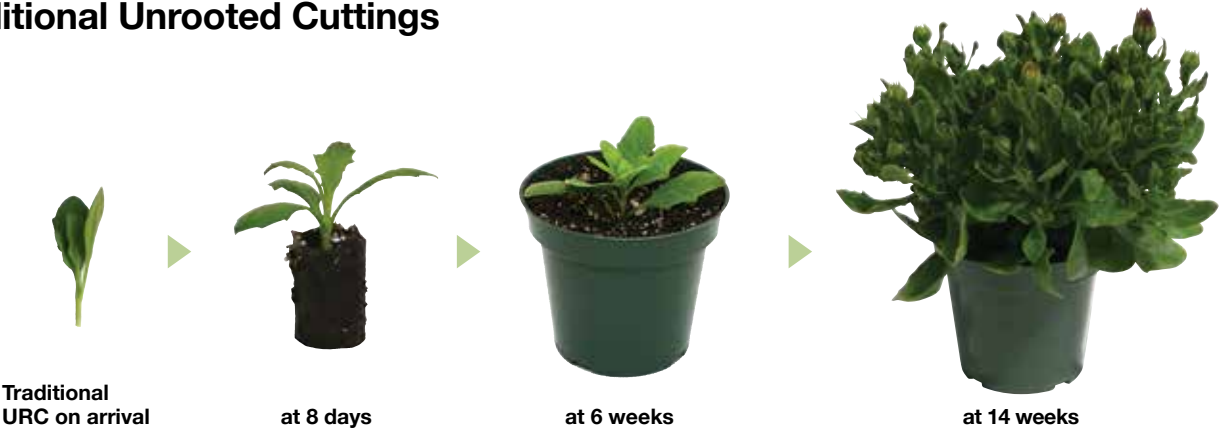
**Genesis cuttings** arrive ready to direct-stick in the finish container.

**Genesis cuttings 8 days:** With the callus already on, roots initiate quickly.

**Genesis cuttings 6 weeks:** Direct-stuck Genesis cuttings branch sooner and stronger for a better-quality finished plant.

**Genesis cuttings 14 weeks:** The Genesis osteo is in full bloom, out the door and ready to sell, while the traditional URC osteo is just starting to open flowers.

## Traditional Unrooted Cuttings



# ColorRush™

Bursting with color



**Gail Shaffer**  
Breeder

## Regional culture recommendations

"We've trialed **ColorRush** in the ground in various climates. Time and time again, it lives up to its name by providing massive mounds of vibrant color. Here are some best practices you can follow to get ColorRush ready for landscape applications."

### West region

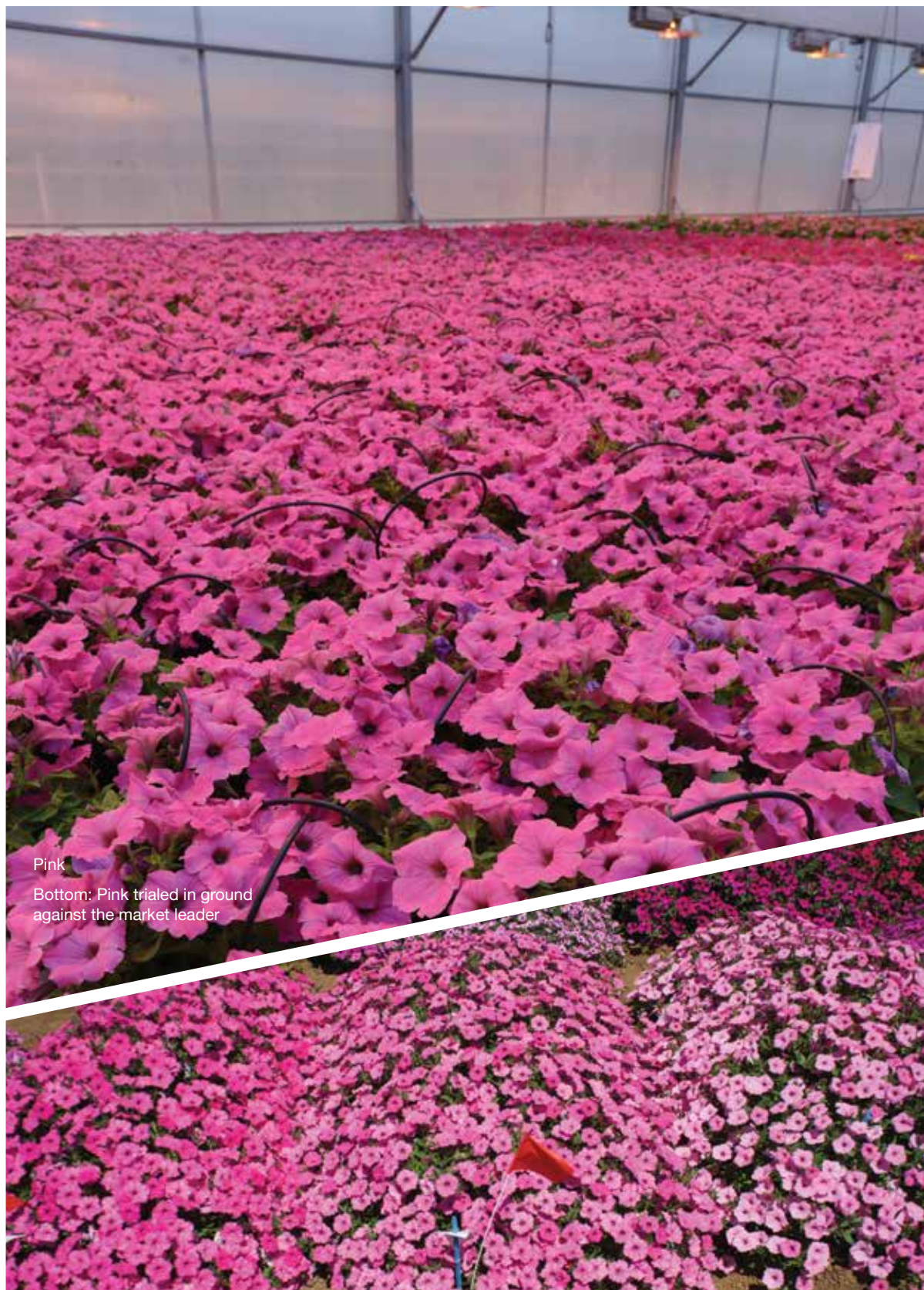
Finish in an outdoor cold frame, where it can receive natural night temperatures as low as 32°F (0°C), but have some form of greenhouse roof protection to avoid frost exposure. PGR in our trials were not needed when average daily temperature was below 54°F (12°C) in outdoor tunnels.

### Midwest, Canada and Northeast regions

Based on our Midwest trials, we recommend a Bonzi spray at 5 ppm 10 days after stick and a Bonzi drench at 5 ppm 3 to 4 weeks after transplant, if needed. This keeps plants from growing together on the bench.

### South or Southeast region

Finish in an outdoor cold frame, where it can receive natural night temperatures as low as 32°F (0°C), but should not be exposed to frost during the production cycle. Since many locations in the South or Southeast will not be able to provide an average daily temperature under 54°F (12°C), we recommend a Bonzi drench between 1 to 3 ppm to control finished growth.



Pink

Bottom: Pink trialed in ground against the market leader



NEW

Pink Vein



Pink



Blue



Blue and Pink

## PETUNIA ●

*Petunia x hybrida*

### ColorRush™

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 24 to 36 in. (61 to 91 cm)

Notable for big vigor and big garden performance.

Our most vigorous line is ideal for 12-in. (30-cm) and larger containers and baskets, as well as landscapes.

Mounds of color hold up in the heat and rain.

Includes a range of bright, eye-catching colors and novelties.

These varieties have nicely matched habits, making production planning easier.

**NEW Pink Vein:** A more intense light pink coloration makes this variety stand out, plus it matches ColorRush Pink closely in habit and vigor.

# NEW ColorBlitz™

Redefining medium petunias

## Santiago Brown

Director of  
Research and  
Development



## Putting on the blitz

"The **ColorBlitz** series is the result of a selection process to redefine Ball FloraPlant's medium petunia offering. First, we look at habit to find plants that have similar vigor and uniform branching across all colors. The second attribute that is very important to us is looking for petunias with strong garden performance. This makes ColorBlitz a perfect choice for 10 to 12-in. (25 to 30-cm) baskets that will hold up well for the end consumer."



NEW Redtastic



NEW Bluerific in MixMasters  
Eye Caramba

### NEW ColorBlitz™

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 16 to 22 in. (41 to 56 cm)

Series of bicolors and solid colors that match in vigor and habit.

Medium-vigor series is well-suited for gallon and larger production. The colors also make great additions to mixed containers, and are best for gallon and 12-in. (30-cm) hanging baskets. Early flowering.

Proven greenhouse performance under lower light and low-temperature production.

**NEW Amethyst:** One of the most vigorous varieties in the series.

**NEW Bluerific:** This unique color creates excitement in the market.

**NEW Bright Red:** A bright red color with a uniform habit.

**NEW Ocean Blue:** This strong, solid blue color currently does not exist in the market.

**NEW Pink Morn:** Exceptional bicolor that does not exist currently in the market.

**NEW Pinkceptional:** Wow bicolor with a good definition between the white and pink in the flower.

**NEW Redtastic:** The only red morn flower color on the market.

**NEW Rose Stardust:** This unique bicolor doesn't exist currently in the market.

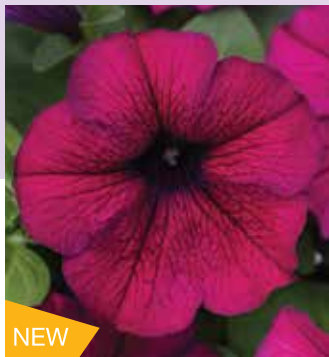
**NEW Snowy White:** A key solid color that is a better white than the competition.



Snowy White



Sky Blue



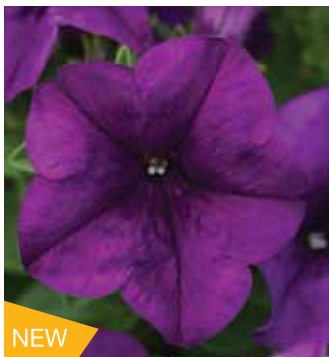
Purple



Blue Stardust



Redtastic



Amethyst



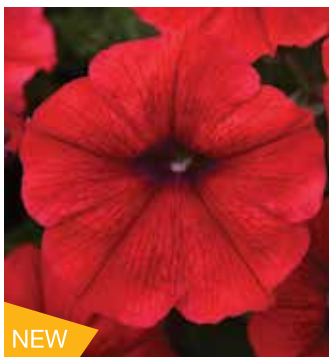
Pink Morn



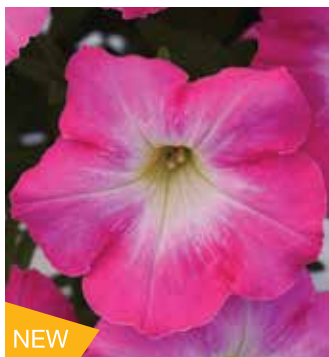
Rose Stardust



Bluerific



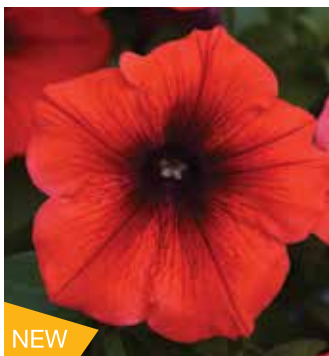
Bright Red



Pinkceptional



Lavender Shades



Fire



Yellow



Ocean Blue

PETUNIA

# Sun Spun

Spin early-season selling gold from these compact performers



Burgundy in MixMasters  
Jazzberry Jam



Yellow Improved



White



Neon Pink



Pink Ice



Coral



Blue



Pink



Silver



Red



Burgundy



Lavender Star



Raspberry Star



Purple Star



Burgundy

**MOUNDED TRAILING**

**PETUNIA** ●

*Petunia x hybrida*

**Sun Spun®**

**Height:** 6 to 10 in. (15 to 25 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

Tight, compact habit stays tangle-free on the bench.

Early to flower, fast to finish, quick to sell!

Low energy-input crop is highly programmable for high-density, high-efficiency quart production.

Perfect for premium pots and in hanging baskets.

**NEW Yellow Improved:** More reliable rooting and improved vigor.

## PETUNIA



Black Magic



Cascadias Indian Summer

### PETUNIA ●

*Petunia x hybrida*

#### Black Magic

**Height:** 10 to 16 in. (25 to 41 cm)  
**Spread:** 16 to 20 in. (41 to 51 cm)

The blackest black petunia on the market! Features stable, non-stripping blooms with excellent flower form and a controlled, mounded, trailing habit.

#### Cascadias™ Indian Summer

**Height:** 10 to 12 in. (25 to 30 cm)  
**Spread:** 12 to 18 in. (30 to 46 cm)

Striking blooms open orange and mature to salmon pink – sure to drive impulse sales. Well-branched habit is ideal for 12-in. (30-cm) hanging baskets and patio pots. Unique color option pairs with excellent garden performance.



Cha-Ching Cherry

#### Cha-Ching Cherry

**Height:** 10 to 16 in. (25 to 41 cm)  
**Spread:** 16 to 20 in. (41 to 51 cm)

Exciting multi-color variety wows with cherry red blooms and creamy yellow star pattern. Easy to grow – times with other Ball FloraPlant novelty petunia varieties. Mounding habit, vigor and timing match other Ball FloraPlant novelty varieties like Pinstripe for efficient production. Mixes well with other species in combinations.

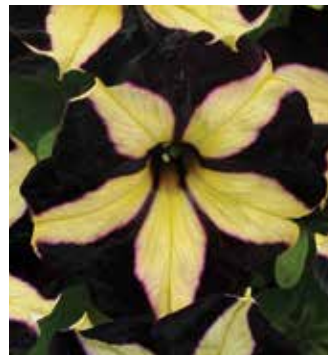


Lime Light

#### Lime Light

**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 8 to 12 in. (20 to 30 cm)

This distinctive compact variety has trumpet-shaped blooms in rose with a lime border. Lime Light is early blooming and highly floriferous, with a mounding habit. With its premium, sought-after color on cost-effective, grower-friendly plants, Lime Light is perfect for small pots and hanging baskets. Extremely sensitive to any PGR treatment.



Phantom

#### Phantom

**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 8 to 12 in. (20 to 30 cm)

A must-have for any petunia program – alone or in combos. Phantom shows off a black base color with a distinctive yellow star pattern. It's the perfect companion to Black Magic and Pinstripe at retail and in the garden.

#### Pinstripe

**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 8 to 12 in. (20 to 30 cm)

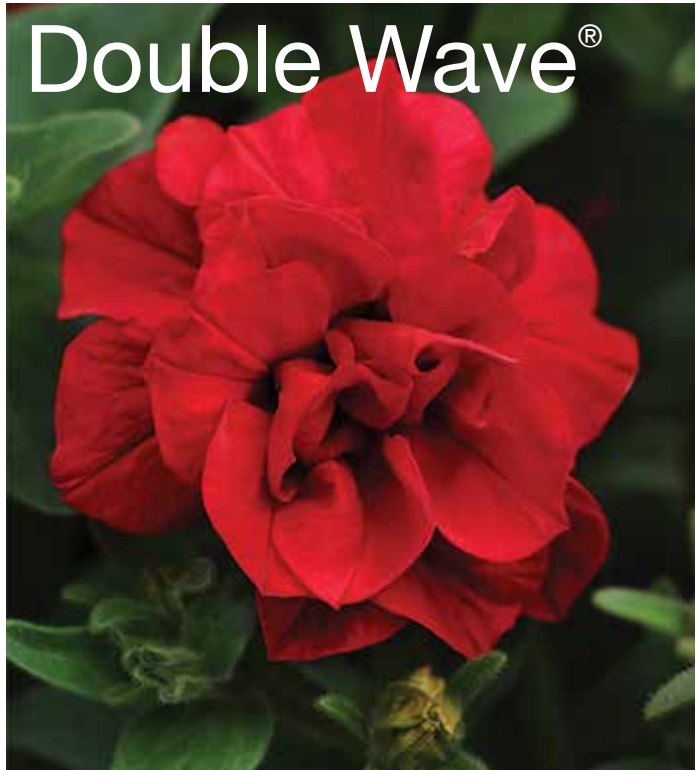
Adds a stylish and sophisticated look to mixed containers. Each of the dark purple blooms shows off a creamy white star pattern. Easy-to-grow mounded habit matches Sun Spun.





NEW

Ragtime Improved



Double Wave Red



Rhythm And Blues

**TRAILING PETUNIA** ●  
*Petunia x hybrida*

**New Ragtime Improved**

**Height:** 12 to 18 in. (30 to 46 cm)  
**Spread:** 24 to 48 in. (61 to 122 cm)

Improved for a more upright habit, and it is slightly more compact in early finished pot production, making it easier to grow in a basket or gallon pot. Excellent purple and white picotee flowered petunia pairs nicely with Rhythm and Blues. Early-flowering variety has the perfect habit for dramatic displays in hanging baskets at retail and in the garden.

**Rhythm And Blues**

**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 12 to 16 in. (30 to 41 cm)

This mounded, spreading and very free-flowering petunia is adaptable to cold finishing programs, making it a low-energy input item. Rhythm And Blues has a stable white rim and excellent vigor, and is easy to grow for early-season premium baskets and containers.



Double Wave Pink



Double Wave White



Double Wave Purple



Double Wave Rose



Double Wave Blue Vein



Double Wave Blue Velvet

**SPREADING DOUBLE PETUNIA** ●  
*Petunia X hybrida*

**Double Wave®**

**Height:** 6 to 8 in. (15 to 20 cm)  
**Spread:** 18 to 24 in. (46 to 61 cm)

Delivers the same high performance and versatile uses that have made the entire Wave® family the most asked-for-by-name plant brand ever! Fully double flowers in vibrant colors cover the mounded and spreading, dark green-leaved plants to make outstanding mixed containers, baskets and gardens.



PETCHOA

# SuperCal®

Best of petunias and calibrachoas combined



Neon Rose and Blue

## PETCHOA ●

*Petunia (Inter-generic hybrid)*

### SuperCal®

**Height:** 12 in. (30 cm)

**Spread:** 15 in. (38 cm)

The best characteristics of petunias and calibrachoas in one exceptional collection.

Unique, vibrant colors, large blooms and high pH tolerance.

Early-flowering varieties can be grown cool for cost-efficient production.

Excellent heat tolerance and weather recovery.

SuperCal offers 3-color mixes that have been trialed and proven to grow well together. The components are packaged and shipped together, so you can stick them in the same container to create these sensational color combos.

Garden Magic Mix contains Blue, Light Yellow and Cherry petchoa.

**NEW Summer Sensation Mix** contains Blue, Light Yellow and Pink petchoa.

SUPERCAL is bred by Sakata.  
SUPERCAL is a registered trademark of Sakata.

**SUPER ● CAL.**  
The All Weather Petunia™



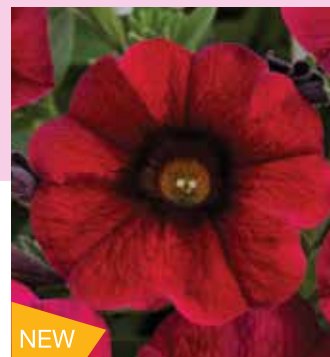
Garden Magic Mix



Summer Sensation Mix



Buttercream



Crimson Red



Light Yellow



Salmon Glow



Artist Rose



Blushing Pink



Pink Ice



Neon Rose



Violet



Terracotta



Cherry



Purple



Pink



Blue

## NEMESIA



Aromatic Royal  
Blue Nemesis



Aromatic Rose  
Pink Nemesis



'Nico'  
Plectranthus



'Brilliant' Scaevola



Bondi Blue Scaevola



Aromatic White Nemesis



'Nicolleta'  
Plectranthus



Variegata  
Plectranthus



White Sparkle  
Scaevola



'Blue Fan'  
Scaevola



Bondi White Scaevola

### NEMESIA

*Nemesis fruticans*

#### Aromatic™

**Height:** 12 to 14 in. (30 to 36 cm)  
**Spread:** 10 to 12 in. (25 to 30 cm)

The best-matched nemesias for size and flower timing, with a wide color array. Very free-flowering, well-branched plants are economical and easy to produce. Compact, upright, fragrant plants.

#### PLECTRANTHUS

*Plectranthus coleoides*

##### 'Nico'

**Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 12 to 36 in. (30 to 91 cm)

Vigorous accent plant is known for its dark green foliage and semi-prostrate habit. Useful in combos, patio planters and landscapes.

##### 'Nicolleta'

**Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 12 to 36 in. (30 to 91 cm)

Fuzzy, silvery gray leaves make this a stunning container accent plant.

#### Variegata

**Height:** 8 to 10 in. (20 to 25 cm)  
**Spread:** 12 to 18 in. (30 to 46 cm)

Trailing and vigorous, this white-edged foliage plant is useful in combinations and baskets.

#### SCAEVOLA

*Scaevola hybrid*

##### 'Brilliant'

**Height:** 12 to 20 in. (30 to 51 cm)  
**Spread:** 24 to 28 in. (61 to 71 cm)

Well-branched plants with medium, controlled vigor won't fall apart in final stages of production. Habit complements White Sparkle.

Also available as Genesis direct-stick cuttings.

BRILLIANT is bred by J & H Westhoff Interpel.



#### White Sparkle

**Height:** 12 to 20 in. (30 to 51 cm)  
**Spread:** 24 to 28 in. (61 to 71 cm)

Starts flowering white, then displays light blue stripes later in the season. Medium, controlled vigor means plants won't fall apart in final stages of production. Ideal for 1-gallon pots and hanging baskets.

Also available as Genesis direct-stick cuttings.

WHITE SPARKLE is bred by Kings Park and Botanic Garden, Western Australia.



#### SCAEVOLA

*Scaevola aemula*

##### 'Blue Fan'

**Height:** 12 to 14 in. (30 to 36 cm)  
**Spread:** 8 to 10 in. (20 to 25 cm)

Trailing variety is well-suited to baskets, containers and landscapes.

Also available as Genesis direct-stick cuttings.

#### Bondi™

**Height:** 6 to 10 in. (15 to 25 cm)  
**Spread:** 12 to 18 in. (30 to 46 cm)


Compact series is easy to grow in small pots for high-density production. Upright habit and good branching keep Bondi looking neat and tidy at retail. Ideal for Summer heat programs – nice in hanging baskets and mixed containers.

Also available as Genesis direct-stick cuttings.


BONDI is bred by Kings Park and Botanic Garden, Western Australia..






 Río Grande Magenta Purslane




 Río Grande Scarlet Purslane



 Río Grande Orange Purslane



 Río Grande Yellow Purslane



Río Grande White Purslane

**PURSLANE** ●  
*Portulaca oleracea*

### Río Grande™

**Height:** 3 to 4 in. (8 to 10 cm)  
**Spread:** 10 to 12 in. (25 to 30 cm)

Well-matched in vigor, controlled habit and good branching. Exceptionally large, vibrant flowers – beautiful in baskets. Rugged performer thrives in heat and keeps flowering all Summer.

**PURSLANE** ●  
*Portulaca grandiflora*

### Fairytales Cinderella

**Height:** 4 to 8 in. (10 to 20 cm)  
**Spread:** 14 to 16 in. (36 to 41 cm)

The largest double blooms on the market. Heat and drought-tolerant, this easy-care, low-spreading plant works well in baskets, large containers, landscapes and rock gardens.



Fairytales Cinderella Purslane



Mona Lavender Plectranthus



Magilla Purple Perilla



'Persian Shield' Strobilanthes

**PERILLA** ● ●  
*Perilla frutescens*

### Magilla® Purple

**Height:** 24 to 36 in. (61 to 91 cm)  
**Spread:** 12 to 18 in. (30 to 46 cm)

Striking, multi-color accent plant is extremely well-branched and vigorous, so fewer inputs are needed. Fills in mixed containers fast, and delivers great heat tolerance and Summer performance.

**PLECTRANTHUS** ● ●  
*Plectranthus x hybrida*

### Mona Lavender

**Height:** 12 to 16 in. (30 to 41 cm)  
**Spread:** 24 to 36 in. (61 to 91 cm)

Easy to program for flower timing. Stands up to high heat in production – it's a terrific northern Fall product and a staple in the South. Requires short days to flower.

**STROBILANTHES** ● ●  
*Strobilanthes dyerianus*

### 'Persian Shield'

**Height:** 18 to 24 in. (46 to 61 cm)  
**Spread:** 24 in. (61 cm)

Vigorous with excellent heat tolerance. Works well in mixed containers, baskets and window boxes.

KIRSTENBOSCH is a U.S. registered trademark of the South African National Biodiversity Institute.



# NEW Mysty & Mystic Spires Improved

## Mystical pinnacles of success

**Allan Davidson**  
President



### Compact for containers

"We think you will be as pleased as we are with the addition of **NEW Mysty**, which is more compact than **Mystic Spires**. While both have the same outstanding garden performance, Mysty is ideal for the front of a border versus placing **NEW Mystic Spires Improved** in the back.

Mysty also brings a whole new spec to salvia, and actually produces well in small pots and plays well in combos."



NEW Mysty, Lucky Flame Lantana, Spotlight Red Ipomoea



NEW Mysty versus NEW Mystic Spires Improved



Mysty



Mystic Spires Improved

### SALVIA ●

*Salvia longispicata x farinacea*

#### New Mysty

**Height:** 12 to 18 in. (30 to 46 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

This compact new salvia is about 25 to 35% less vigorous than Mystic Spires, making it a better variety for mixes. Covered with true blue flowers all season, the dark green-leafed plants are naturally more compact, well-branched and very free-flowering. Heat-hardy plants are great for late Spring/Summer programs. Ideal for middle of the garden borders and 10 to 12-in. (25 to 30-cm) mixed containers.

#### New Mystic Spires Improved

**Height:** 18 to 24 in. (46 to 61 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

This impressive salvia has been improved for better Summer garden performance, with longer flower hold for a brighter blue flower color in the garden. A 2009 Texas Superstar Variety. This premium variety can command a higher price point. The sturdy, dark green-leafed plants are naturally compact, well-branched and very free-flowering. Heat-hardy plants are great for late Spring/Summer programs. This dwarf 'Indigo Spires' type is well-suited to landscapes and mixed containers.



'Black & Bloom' Salvia



'Black & Blue' Salvia



Sunny Arizona Glow Thunbergia



Sunny Lemon Star Thunbergia



Sunny Orange Wonder Thunbergia

**SALVIA** ●  
*Salvia guaranitica*

**'Black & Bloom'**

**Height:** 36 to 48 in. (91 to 122 cm)  
**Spread:** 36 to 48 in. (91 to 122 cm)

Makes a big impact with a thicker leaf, bigger bloom and darker stem than Black & Blue. Tough as nails – it thrives in heat, drought and humidity. Very fast to finish and easy to grow, requiring very little attention. Desirable deep blue color against a black stem stands out in every landscape or container. Ideal for 4-in. (10-cm), 1-gallon and 2-gallon pots.

**'Black & Blue'**

**Height:** 24 to 36 in. (61 to 91 cm)  
**Spread:** 12 to 18 in. (30 to 46 cm)

Very vigorous, well-branched plants show off large, dark blue flowers over dark green, velvety leaves. Heat-hardy plants are great for late Spring/Summer programs.

**THUNBERGIA** ●  
*Thunbergia alata*

**Sunny™**

**Height:** 60 to 96 in. (152 to 244 cm)  
**Spread:** 16 to 24 in. (41 to 61 cm)

Ball FloraPlant is the only source for in-demand unrooted thunbergia cuttings. This vigorous vine produces very large, brightly colored flowers all Summer. Sunny has a short crop time under warm conditions. Great for baskets, large containers and upright vining areas.

VERBENA

# EnduraScape™

Color that won't quit



**Kris Carlsson**  
Product Launch  
and Assortment  
Manager

## A true winner!

"**EnduraScape Pink Bicolor**, a 2017 All-America Selections winner, is described by judges as 'tough as nails' for being the first verbena that can tolerate drought and heat, plus survive cooler temps. This long-blooming verbena is spectacular in the landscape, as well as in large containers and baskets. These vigorous, sturdy plants pop with abundant soft pink blooms that darken in intensity toward the center. AAS Judges have deemed it truly spectacular!"



Pink Bicolor versus a competitive red



SEASON  
EXTENDER



Pink Bicolor

Bottom: Hot Pink



## VERBENA



White Blush



Magenta



Blue Improved



Pink Bicolor



Hot Pink



Dark Purple



Red



Purple



Blue Improved

**VERBENA** ●  
*Verbena hybrida*

### EnduraScape™

**Height:** 8 to 12 in. (20 to 30 cm)  
**Spread:** 18 to 24 in. (46 to 61 cm)

The first verbena that's hardy in the hottest days of Summer, but can take the cold down to the low teens and still rebloom in Spring.

EnduraScape revs up the color with 8 high-octane varieties.

Superior branching: finished product has a full habit with a high bloom count in gallon containers.

Excellent Powdery Mildew resistance.

**NEW Blue Improved:** Upgraded for better center flower fill and a more upright habit that matches Dark Purple.

VERBENA


# Aztec®

Legendary color for baskets and combos



Burgundy Wink in MixMasters  
Berry Basket



 White



Coral



Pink

**Aztec®**

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

Excellent Powdery Mildew resistance – needs fewer chemical applications.

Fast off the bench and on to retail shelves.

Expanded color range for easy “one-stop” shopping.

Performs beautifully in baskets, mono and mixed containers.




Lavender




Wild Rose




 Red Velvet




 Dark Red



 Burgundy Wink




 Violet Wink



 Violet



 Blue Velvet

## VERBENA



Foliage detail

### Aztec Magic™

**Height:** 8 to 10 in. (20 to 25 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

The best trailing verbenas.

Distinguished by their fine, serrated foliage, the bright and colorful plants thrive in heat and sun.

Delivers a quick crop time, uniform flowering and the same exceptional Powdery Mildew resistance as Aztec.

Ideal for early to mid-season pots and baskets.

# Aztec Magic™



Red



White



Silver



Orchid



Magenta



Purple



Plum

# Ball Seed Sales Reps



**Jim Kennedy,**  
Director of North  
American Sales

## Our team is rooting for you.

All Ball FloraPlant products are sold exclusively through **Ball Seed®**. To help you win with these great products, we've established a knowledgeable, reliable, service-oriented team of over 60 sales reps. Our goal is to serve every greenhouse in the U.S. and Canada with excellence and personalized care.

Together with the Ball FloraPlant sales and customer service teams, you can count on us for the latest trends, culture tips and new product information. We are here to cheer you on and help your business keep growing stronger.

# Canada



**Yves Cournoyer**  
Regional Sales Director



**Brenda Bliss-Cooling**  
Beamsville, ON  
**289 668-2810**  
Fax: 630 520-9075  
[bbcooling@ballhort.com](mailto:bbcooling@ballhort.com)  
Eastern portion of  
Ontario's Niagara Region



**Mireille Bourgon**  
1051 Rte. 340  
Saint-Telephore, QC  
J0P 1Y0  
**450 269-2580**  
Fax: 450 269-1004  
[mbourgon@ballhort.com](mailto:mbourgon@ballhort.com)  
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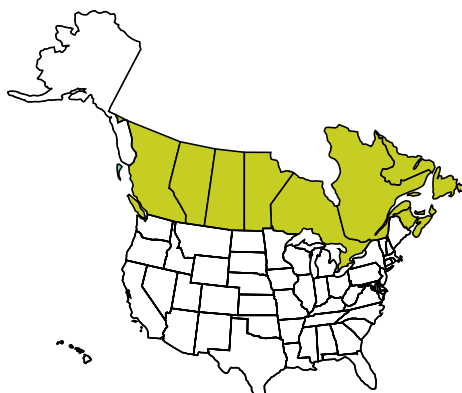
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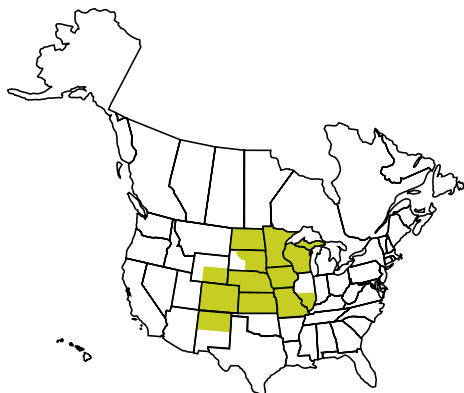
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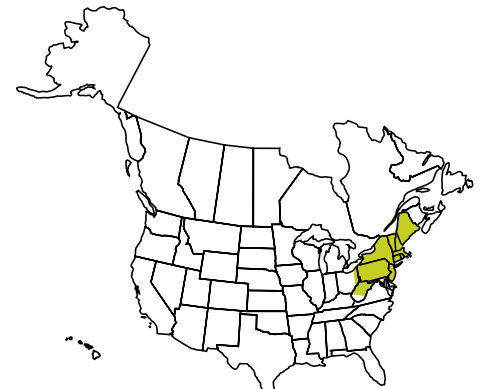
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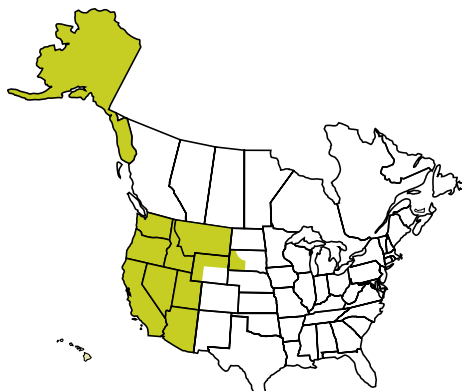
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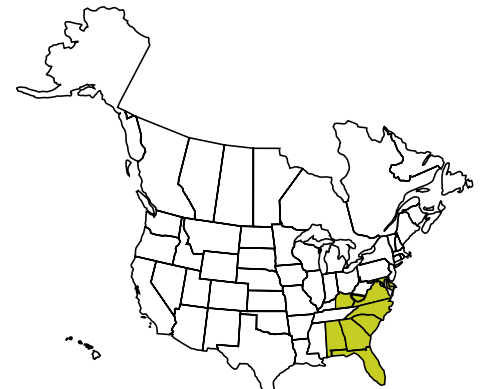
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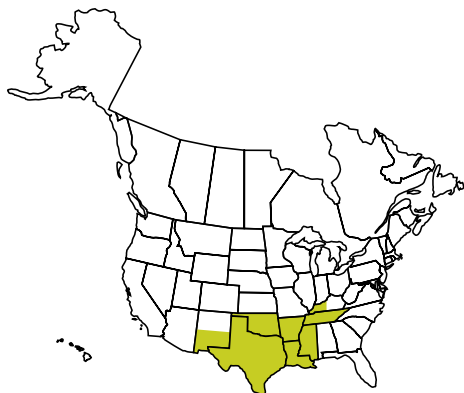
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# Product Forms

Ball FloraPlant offers the most flexible options of any producer, including unrooted and Genesis™ cuttings plus several liner choices and pre-finished material. The freshest cuttings and liners from the top regional supply network grow into the most fantastic plants.



## UNROOTED CUTTINGS

- Wide range of products from a single supplier...“one-stop shopping”
- Lowest input cost
- Cuttings arrive in-line in perforated bags for easy handling
- Guaranteed freight rates

NOTE: Minimum order of 1,000 quantity for GE and SG cuttings



## GENESIS™ DIRECT-STICK CUTTINGS

- Shorter crop time than URCs – cuts rooting time in half
- Reduces propagation time and eliminates transplanting labor
- Faster root development, improved branching, better-quality plants
- Requires less heat, so input costs are lower



## MIXMASTERS™ MULTILINERS

- All components sourced from Las Limas
- Three single-stuck cuttings grow together into one healthy multiliner to produce perfectly balanced combos
- Offers 100% complete “recipes” with nothing missing
- Produces more predictable, programmable mixes



## STANDARD ROOTED LINERS

- 100% transplantable yield means reduced shrink
- Widest range of products available
- Truck delivery from the Ball Regional Supplier Network assures economical, efficient shipping – see more on our rooting stations on page 4. FedEx delivery is also available.
- Many varieties are available in the Ball Spring Speculation program – fill your last-minute needs easily and affordably



## HIGH-DENSITY LINERS

- 100% transplantable yield means reduced shrink
- Eliminates handling of unrooted cuttings
- Freight savings compared to standard liners
- Similar finish time as standard liners



## QUICK TURN LINERS

- 4-week finish time on 4-in. (10-cm) and quarts for quick turns and added turns
- Saves energy
- Truck delivery from the Ball Regional Supplier Network assures economical, efficient shipping – see more on our rooting stations on page 4



## PRE-FINISHED PLANTS

- Fast finish for quick turns and added turns
- Saves energy
- Reduces costs – no transplanting, materials or special handling required, and there is no need for specialized expertise or facility
- Truck delivery from the Ball Regional Supplier Network assures economical, efficient shipping – see more on our rooting stations on page 4

## BALL FLORAPLANT LINERS

Bring in liners and benefit from a host of advantages, including more uniform rooting and finished product, fewer losses, reduced labor and materials, the ability to propagate in tighter spacing, no specialized expertise or facility needed for handling, and an easy fit to current production methods.

We offer five profit-building solutions, all of them versatile enough for 4-in. (10-cm) programs to large container and mixed combo programs.

# Propagation guide

CROP	TRAY SIZE(S) (CELLS/TRAY)	ROOTING HORMONE	AVERAGE DAYS WITH MIST	PINCH	AVERAGE PROPAGATION TIME (WEEKS)	COMMENTS
ALTERNANTHERA	50, 72, 84, 104, 209	No	6-8	Yes	3-4	Stick cuttings immediately upon arrival to avoid breakdown.
ANGELONIA	50, 72, 84, 105	No	7-9	Yes	3-4	Avoid stretch. Pinch 18-21 days after sticking.
ARGYRANTHEMUM	50, 72, 84, 105	No	4-7	No	3-4	Avoid water stress.
BACOPA (SUTERA)	50, 72, 84, 105	No	6-8	Yes	3	Stick 2 cuttings per cell.
BIDENS	32, 50, 72, 84, 105	No	6-9	Yes	3-4	Reduce and eliminate mist as soon as possible.
BRACHYSCOME	32, 50, 72, 84, 105	Yes	6-8	Yes	4-5	Avoid burying growing point. Reduce mist as soon as possible. Stick 2 cuttings per cell.
BRACTEANTHA	50, 72, 84, 105	No	6-9	No	3	Reduce mist as soon as possible.
CALIBRACHOA	50, 72, 84, 105	No	6-8	Yes	3-4	Avoid wide fluctuations in soil moisture. Apply preventative fungicide drench at 18-21 days after sticking.
COLEUS	50, 72, 84, 105	No	4-6	No	2-3	Avoid stretch. Transplant on time. A B-Nine spray (1,500-2,000 ppm) 10-12 days after stick can help to reduce stem elongation.
CUPHEA	50, 72, 84, 105	No	6-8	Yes	3-4	Stick 2 cuttings per cell for Allyson Heather.
DAHLIA	50, 72, 84, 105	Yes	7-10	Optional	3-4	Hormone will improve rooting. Night-break lighting (10 p.m. to 2 a.m.) will reduce likelihood of tuber formation.
DIASCIA	50, 72, 84, 105	No	6-9	Yes	3-4	Stick 2 cuttings per cell.
EUPHORBIA	50, 72, 84, 105	Optional	7-10	Yes	3-4	Ethylene sensitive – stick as soon as possible. Flower buds are common in propagation. Reduce mist as soon as possible.
EVOLVULUS	50, 72, 84, 105	Optional	6-10	Yes	3-4	Apply preventative fungicide spray after sticking. Reduce mist as soon as possible.
GAURA	32, 50, 72, 84, 105	No	6-9	Yes	4-9*	Pinch 14-21 days after sticking.
GERANIUM (IVY)	See Comments	Optional (increases uniformity/ speed of rooting)	9-13	No	4-5	Stick immediately upon arrival. Geraniums are best rooted in a media in strip form to allow for maximum air flow and avoid foliage overlap. Ivy geraniums require 25-30% less mist in propagation compared to zonals. Propagate under separate mist programs. Remove flower buds at transplanting.
GERANIUM (ZONAL)	See Comments	Optional (increases uniformity/ speed of rooting)	9-12	No	3-4	Stick immediately upon arrival. Geraniums are best rooted in media in strip form to allow for maximum airflow and avoid foliage overlap. After initial rehydration, careful misting is required to optimize callus and root initiation. Mature leaves should show slight wilting at midday and regain turgor in the late afternoon under ideal mist conditions. Leaf petiole wilting indicates undermisting. Overmisting leads to <i>Botrytis</i> . Remove flower buds at transplanting.
HELICHRYSUM	50, 72, 84, 105	Optional	7-10	Optional	3-4	Propagate in low-volume mist group. Avoid high feed on foliage. High-humidity tents are effective. Pinch as needed to shape plants or hold crop.
HELIOTROPE	50, 72, 84, 105	Optional	6-9	No	3-4	Stick immediately upon arrival. Apply preventative fungicide spray after sticking. Reduce mist as soon as possible.
IMPATIENS (DOUBLE)	50, 72, 84, 105	No	5-8	No	2-3	Reduce mist as soon as possible to reduce stretch. Transplant on time.
IMPATIENS (EXOTIC)	50, 72, 84, 105	No	5-8	No	3	Avoid saturated media. Reduce mist as soon as possible. To reduce stretch, transplant on time.

CROP	TRAY SIZE(S) (CELLS/TRAY)	ROOTING HORMONE	AVERAGE DAYS WITH MIST	PINCH	AVERAGE PROPAGATION TIME (WEEKS)	COMMENTS
IMPATIENS (INTERSPECIFIC)	50, 72, 84, 105	No	6-8	No	3	Reduce mist as soon as possible to reduce stretch. Transplant on time.
IMPATIENS (NEW GUINEA)	50, 72, 84, 105	No	7-8	No	3-4	Apply preventative fungicide spray after sticking. Reduce mist as soon as possible. Scout regularly for <i>Botrytis</i> .
IPOMOEA	50, 72, 84, 105	No	3-4	Optional	3-4	Move rooted cuttings off of mist quickly to avoid stretch.
IRESENE	50, 72, 84, 105	No	4-7	No	3-4	Apply Bonzi spray 3-5 ppm on Blazin' Rose between Days 7-11 to control early stretch.
LAMIUM	32, 50, 72, 84, 105	No	6-9	Yes	3-4*	Reduce mist as soon as possible to reduce stretch. Transplant on time.
LANTANA	50, 72, 84, 105	Optional	7-11	Yes	4-5	Stick immediately upon arrival. Apply preventative fungicide spray after sticking.
LOBELIA	50, 72, 84, 105	Optional	6-9	Optional	4-5	Hormone will improve rooting. Pinch 18-21 days after sticking to improve branching.
LYSIMACHIA	32, 50, 72, 84, 105	No	6-9	Yes	3-4	Reduce mist as soon as possible to reduce stretch. Transplant on time.
MECARDONIA	105, 207	Yes	6-8	Yes	4	Rooting hormone is recommended but not required.
NEMESIA	50, 72, 84, 105	No	6-9	Yes	3-4	Stick 2 cuttings per cell.
OSTEOSPERMUM	32, 50, 72, 84, 105	Yes	9-12	Optional	3-4	Maintain uniformity in mist and soil temperature. Do not allow cuttings to wilt. Pinch to increase branching.
PERILLA	50, 72, 84, 105	No	4-7	No	2-3	Avoid stretch. Reduce mist as soon as possible to reduce stretch. Transplant on time.
PETCHOA	50, 72, 84, 105	No	6-8	Yes	3-4	Avoid wide fluctuations in soil moisture. Apply preventive fungicide drench at 18-21 days after sticking.
PETUNIA	50, 72, 84, 105	No	6-9	No	3-4	Avoid stretch by moving crop to cooler air temperature in second and third weeks of propagation. Transplant on time.
PLECTRANTHUS	50, 72, 84, 105	No	6-10	Optional	3-4	Apply preventative fungicide spray after sticking.
PURSLANE	50, 72, 84, 105	No	4-7	Yes	2-3	Pinch as needed to remove flower buds and improve habit.
SALVIA	32, 50, 72, 84, 105	No	5-8	Optional	3-6*	Average propagation time for perennials includes 3-5 weeks to bulk-up the liner before beginning cold treatment when started in late Summer or early Autumn. Apply B-Nine (2,500 ppm) spray in propagation once between Day 9 and 11. Reapply after transplant if growing under long days.
SCAEVOLA	50, 72, 84, 105	Optional	7-10	Yes	3-4	Reduce mist as soon as possible. Maintain warm soil temperature to optimize rooting.
STROBILANTHES	50, 72, 84, 105	No	7-12	Optional	4-5	Pinch 18-21 days after sticking to improve branching. Allow root system to develop sufficiently before transplanting.
THUNBERGIA	50, 72, 84, 105	No	7-12	Yes	4-5	Stick immediately upon arrival. Spray immediately after sticking with a surfactant such as CapSil to help rehydrate unrooted cuttings. Use night mist for 7-8 days as needed. Avoid wilt during first 24-48 hours.
VERBENA	50, 72, 84, 105	No	6-9	Yes	3-4	Reduce and then eliminate mist as soon as possible. Apply preventative fungicide spray after sticking.

\*Average propagation time for perennials includes 3-5 weeks to bulk-up the liner before beginning cold treatment when started in late Summer or early Autumn.

# Annual culture guide

CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
ALTERNANTHERA	Red Threads	5.8-6.2	4,000-8,000	74-85°F (23-29°C)	62-70°F (16-21°C)	175-225	1	
ANGELONIA	AngelMist® Spreading	5.8-6.2	6,000-10,000	74-85°F (23-29°C)	62-70°F (16-21°C)	175-225	0-2	
ANGELONIA	Archangel™	5.8-6.2	6,000-10,000	74-85°F (23-29°C)	62-70°F (16-21°C)	175-225	0-2	
ARGYRANTHEMUM	Butterfly, Madeira™	5.8-6.2	6,000-9,000	65-79°F (18-26°C)	50-61°F (10-16°C)	225-300	0-1	
BACOPA	MegaCopa™	5.4-5.8	4,000-8,000	65-76°F (18-24°C)	56-61°F (13-16°C)	175-225	1-2	
BIDENS	Bee Alive	5.8-6.2	5,000-9,000	59-76°F (15-24°C)	53-61°F (11-16°C)	175-225	1-3	
BIDENS	Sun Drop Compact, Sun Drop, Sunbeam	5.8-6.2	5,000-9,000	59-76°F (15-24°C)	53-61°F (11-16°C)	175-225	1-3	
BRACHYSCOME	Amethyst, Enduring Blue	5.8-6.2	5,000-9,000	65-73°F (18-22°C)	56-61°F (13-16°C)	175-225	0-1	
BRACHYSCOME	Radiant Magenta	5.8-6.2	5,000-9,000	65-76°F (18-24°C)	62-67°F (16-19°C)	200-225	0-1	
BRACTEANTHA	Dreamtime®	5.8-6.2	5,000-8,000	65-76°F (18-24°C)	56-61°F (13-16°C)	175-225	0-1	
CALIBRACHOA	Cabaret®, Can-Can®	5.4-5.8	5,000-8,000	71-76°F (21-24°C)	50-58°F (10-14°C)	225-300	1-2	
CALIBRACHOA	Conga™	5.4-5.8	5,000-8,000	71-76°F (21-24°C)	50-58° F (10-14° C)	225-300	1-2	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1 ppp, 6-8 weeks	1-2 ppp, 8-10 weeks	3-5 ppp, 10-12 weeks	Generally not needed. B-Nine(S) 2,500 ppm.	Spider mites	None	Pinch for better branching and shape.
	1 ppp, 4-6 weeks	1-3 ppp, 7-9 weeks	3-5 ppp, 10-12 weeks	Generally not needed. B-Nine(S) 1,500-3,000 ppm and Cycocel 750-1,000 ppm tank mix(S). Avoid Florel use.	Whitefly, caterpillars	Root rot, <i>Botrytis</i>	High light will significantly improve plant quality by encouraging branching, earlier flowering and the ideal plant habit growth. Best-suited to mid to late Spring and Summer programs.
	1 ppp, 5-8 weeks	1-3 ppp, 7-9 weeks	3-5 ppp, 10-12 weeks	Generally not needed. B-Nine (S) 1,500-3,000 ppm and Cycocel 750-1,000 ppm tank mix (S). Avoid Florel use.	Whitefly, caterpillars	Root rot, <i>Botrytis</i>	High light will significantly improve plant quality by encouraging branching, earlier flowering and the ideal plant habit growth. Best suited to mid to late Spring and Summer programs.
	1 ppp, 6-9 weeks	1-3 ppp, 7-10 weeks	3-5 ppp, 9-12 weeks	B-Nine 1,500-2,000 ppm and Cycocel 750-1,000 ppm tank mix(S) or Bonzi(D) 2-5 ppm to control growth.	Whitefly, leafminers, aphids	Root rot, <i>Botrytis</i>	High light and cool temperatures produce high-quality plants.
	1-2 ppp, 5-7 weeks	2-3 ppp, 7-10 weeks	4-5 ppp, 8-12 weeks	Generally not needed. B-Nine spray 1,000-1,500 ppm can be used sparingly to tone and control spread. Florel spray 150-200 ppm will reduce early flowering and increase branching.	Thrips, aphids	Root rot, <i>Botrytis</i>	Pinch as needed to shape. Grow Bacopa bright and cool to maximize branching and encourage best possible habit. Test soil regularly for high pH/iron deficiency. Refer to the MegaCopa Series Bacopa Grower Facts at ballfloraplant.com for detailed culture information.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	4-5 ppp, 6-9 weeks	PGR is generally not needed, as the genetic is genetically compact. Bee Alive responds well to B-Nine applications at rates below 2,500 ppm.	Fungus gnats	Root and stem rot	Pinch for better branching and shape.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	4-5 ppp, 6-9 weeks	B-Nine(S) 2,500 ppm. Also responds to Sumagic(S) 3-5 ppm or Sumagic(D) 0.25 ppm.	Fungus gnats	Root and stem rot	Pinch for better branching and shape.
	1 ppp, 4-6 weeks	2-3 ppp, 6-8 weeks	4-5 ppp, 12-14 weeks	Generally not needed. Enduring Blue is more naturally compact than Amethyst.	Thrips, whitefly	<i>Botrytis</i> , <i>Thielaviopsis</i>	Cool temperatures and high light will produce the best habit. Amethyst is best-suited for larger finish containers (1 gallon and up), while Enduring Blue is compact and suitable for finish containers up to 1 gallon.
	1 ppp, 4-6 weeks	1-2 ppp, 6-8 weeks	4-5 ppp, 12-14 weeks	Generally not needed. Grow plants under high light with warm temperatures to achieve the best quality.	Thrips, whitefly	<i>Botrytis</i> , <i>Thielaviopsis</i>	Supplement fertilizers with extra Fe to avoid yellowing foliage. Avoid cold and wet conditions.
	1 ppp, 6-8 weeks	1-2 ppp, 7-9 weeks	3-5 ppp, 10-12 weeks	Generally not needed. Is responsive to Bonzi(S) 20-30 ppm or Sumagic(S) 10-20 ppm to maintain habit as needed.	Thrips, aphids, whitefly	Root and stem rot	High light and cool temperatures will improve plant quality significantly.
	1 ppp, 6-9 weeks	1-2 ppp, 7-11 weeks	3-5 ppp, 8-12 weeks	Use B-Nine(S) 2,500-5,000 ppm, Bonzi(D) 3-8 ppm or Florel(S) 300-500 ppm applied 1 time up to 3 times for large baskets to maintain habit as needed.	Thrips, aphids, leafminers	Root rot	Cooler air temperatures and high light will reduce or eliminate any need for plant growth regulators. Maintain pH at 5.2-5.8 to optimize plant health. Crop times will be shortest as days lengthen in Spring. Apply preventative broad- spectrum fungicide drench early (7-10 days after transplant). Avoid saturated media and excessive feed levels.
	1 ppp, 5-8 weeks	1-3 ppp, 6-10 weeks	3-5 ppp, 8-12 weeks	Plant growth regulators are generally not needed and should only be applied if plants show signs of requiring extra control. B-Nine(S) 1,500- 3,000 ppm applied 1 time up to 3 times should provide adequate control.	Thrips, aphids, leafminers	Root rot	Cooler air temperatures and high light will reduce or eliminate any need for plant growth regulators. Maintain pH at 5.2-5.8 to optimize plant health. Crop times will be shortest as days lengthen in Spring. Apply preventative broad- spectrum fungicide drench.

\* ppp=plants per pot

\*\* Perennial varieties that can be grown cold without treatment for Spring and Summer sales.

# Annual culture guide

CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
COLEUS	Burgundy Wedding Train, Florida Sun Rose, Lava Rose	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
COLEUS	Campfire	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
COLEUS	Coleosaurus, Electric Lime®, Henna, Indian Summer, Mint Mocha, Redhead, Trusty Rusty, Vino, Wasabi	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
COLEUS	FlameThrower™	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
COLEUS	French Quarter, Inferno	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
COLEUS	Ruby Slipper	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
COLEUS	Special Effects	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-2	
CUPHEA	Allyson Heather	5.4-5.8	6,000-12,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-2	
CUPHEA	Firecracker	5.4-5.8	6,000-12,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-2	
DAHLIA	Gardenetta™	5.8-6.2	4,000-6,000	65-76°F (18-24°C)	59-64°F (15-17°C)	225-300	1-2	
DIASCIA	Juliet™	5.8-6.2	5,000-8,000	62-76°F (16-24°C)	35-52°F (1-11°C)	175-225	1-2	
EUPHORBIA	Breathless®	5.8-6.2	6,000-9,000	65-76°F (18-24°C)	59-67°F (15-19°C)	175-225	1	
EVOLVULUS	Blue Daze	5.8-6.2	5,000-9,000	74-79°F (23-26°C)	59-64°F (15-17°C)	175-225	1-2	
GAURA	Belleza™	5.8-6.2	5,000-9,000	71-76°F (21-24°C)	56-61°F (13-16°C)	175-225	1-2	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1 ppp, 5-7 weeks	1-2 ppp, 6-8 weeks	3-4 ppp, 8-11 weeks	Generally not needed. Sumagic(S) 5-10 ppm or a B-Nine 2,500-3,500 ppm and Cycocel 1,000-1,500 ppm tank mix(S) can be used to maintain habit as needed.	Thrips, aphids, whitefly	Root rot	Lava Rose Coleus will generally not require any PGR applications during production. Plants should be pinched only as needed since Lava Rose is extremely free-branching.
	1 ppp, 5-7 weeks	1-3 ppp, 6-8 weeks	4-5 ppp, 8-11 weeks	Is responsive to B-Nine(S) 2,500-3,500 ppm and Cycocel(S) 1,000-1,500 ppm tank mix or Sumagic(S) 5-10 ppm.	Whitefly, aphids, thrips	None	Pinch early to shape. Scout plants regularly for whitefly. Avoid crowding at all stages.
	1 ppp, 5-7 weeks	1-3 ppp, 6-8 weeks	4-5 ppp, 8-11 weeks	Is responsive to B-Nine(S) 2,500-3,500 ppm and Cycocel(S) 1,000-1,500 ppm tank mix or Sumagic(S) 5-10 ppm.	Whitefly, aphids, thrips	None	Pinch early to shape. Scout plants regularly for whitefly. Avoid crowding at all stages.
	1 ppp, 5-7 weeks	1-2 ppp, 6-8 weeks	3-4 ppp, 8-11 weeks	Generally not needed. Sumagic(S) 5-10 ppm or a B-Nine 2,500-3,500 ppm and Cycocel 1,000-1,500 ppm tank mix(S) can be used to maintain habit as needed.	Thrips, aphids, whitefly	Root rot	
	1 ppp, 5-7 weeks	1-3 ppp, 6-8 weeks	4-5 ppp, 8-11 weeks	Is responsive to B-Nine(S) 2,500-3,500 ppm and Cycocel(S) 1,000-1,500 ppm tank mix or Sumagic(S) 5-10 ppm.	Whitefly, leafminer, aphids	None	Pinch early to shape. Scout plants regularly for whitefly. Avoid crowding at all stages.
	1 ppp, 5-7 weeks	1-3 ppp, 6-8 weeks	4-5 ppp, 8-11 weeks	Is responsive to B-Nine(S) 2,500-3,500 ppm and Cycocel(S) 1,000-1,500 ppm tank mix or Sumagic(S) 5-10 ppm.	Thrips, aphids, whitefly	None	Pinch early to shape. Scout plants regularly for whitefly. Avoid crowding at all stages.
	1 ppp, 5-7 weeks	1-3 ppp, 6-8 weeks	4-5 ppp, 8-11 weeks	Is responsive to B-Nine(S) 2,500-3,500 ppm and Cycocel(S) 1,000-1,500 ppm tank mix or Sumagic(S) 5-10 ppm.	Thrips, aphids, whitefly	None	Pinch early to shape. Scout plants regularly for whitefly. Avoid crowding at all stages.
	1-3 ppp, 6-8 weeks	2-5 ppp, 7-9 weeks	3-6 ppp, 10-12 weeks	None	Whitefly, aphids	<i>Botrytis</i> , Root rot	Pinch as needed to shape. Fertilize regularly. Crop times will be shortest under high light.
	1-2 ppp, 6-8 weeks	1-2 ppp, 7-9 weeks	3-5 ppp, 10-12 weeks	None	Whitefly, aphids	<i>Botrytis</i> , <i>Oedema</i> , Root rot	Pinch as needed to shape. Keep soil moderately dry and maintain adequate air circulation during finishing to avoid <i>Oedema</i> . Fertilize regularly. Crop times will be shortest under high light.
	1 ppp, 6-8 weeks	1 ppp, 7-9 weeks	3 ppp, 10-12 weeks	Use B-Nine(S) 2,500-4,000 ppm and Cycocel(S) 1,000- 1,500 ppm tank mix.	Thrips, leafminers, whitefly	<i>Botrytis</i>	Night-break lighting will reduce likelihood of tuber formation.
	1 ppp, 5-7 weeks	1-2 ppp, 7-9 weeks	3-4 ppp, 9-11 weeks	Use B-Nine(S) 3,000-5,000 ppm as needed to maintain habit. Florel(S) 200-300 ppm can be used to improve branching.	Thrips, aphids, leafminers	Root rot	If grown cool and with high light levels, Juliet Diascia will generally require little, if any, PGRs.
	1 ppp, 5-7 weeks	1-3 ppp, 6-9 weeks	3-5 ppp, 9-11 weeks	B-Nine(S) 2,500 ppm, Cycocel(S) 750 ppm tank mix 7-10 days after transplant. Do not use Florel.	None	None	Sensitive to overwatering. Pinch for a better habit especially in larger containers.
	1 ppp, 6-8 weeks	1-2 ppp, 8-9 weeks	3-4 ppp, 10-12 weeks	None	Whitefly, aphids	<i>Pythium</i> , <i>Botrytis</i>	Pinch as needed to shape. Fertilize regularly. Avoid extremely high humidity or saturated media, both of which will encourage <i>Botrytis</i> .
	1 ppp, 7-10 weeks	1-3 ppp, 9-12 weeks	3-4 ppp, 11-13 weeks	Use B-Nine(S) 3,000-4,000 ppm, Bonzi(S) 30-50 ppm or Sumagic(S) 15-30 ppm to control final plant height.	Whitefly, aphids	<i>Botrytis</i> , Root rot	Pinch Gaura shortly after transplanting to encourage a full habit at flowering.

\* ppp=plants per pot

\*\* Perennial varieties that can be grown cold without treatment for Spring and Summer sales.

# Annual culture guide

CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
GERANIUM (IVY)	Focus™	5.8-6.2	2,500-4,000	65-76°F (18-24°C)	62-67°F (16-19°C)	225-300	1-2	
GERANIUM (IVY)	Precision™	5.8-6.2	2,500-4,000	65-76°F (18-24°C)	62-67°F (16-19°C)	225-300	1-2	
GERANIUM (ZONAL)	Allure™	6.2-6.6	3,500-6,000	65-76°F (18-24°C)	62-67°F (16-19°C)	225-300	0	
GERANIUM (ZONAL)	Dynamo™	6.2-6.6	3,500-6,000	65-76°F (18-24°C)	62-67°F (16-19°C)	225-300	0	
GERANIUM (ZONAL)	Fantasia®	6.2-6.6	3,500-6,000	65-76°F (18-24°C)	62-67°F (16-19°C)	225-300	0	
GERANIUM (ZONAL)	Presto™	6.2-6.6	3,500-6,000	65-76°F (18-24°C)	62-67°F (16-19°C)	225-300	0	
HELICHRYSUM	Licorice	5.8-6.2	4,000-9,000	65-76°F (18-24°C)	50-61°F (10-16°C)	175-225	1-2	
HELIOTROPE	Marine	5.8-6.2	5,000-9,000	71-76°F (21-24°C)	50-61°F (10-16°C)	175-225	1-2	
IMPATIENS (DOUBLE)	Fiesta Bonita™	5.8-6.2	4,000-6,000	68-76°F (20-24°C)	56-61°F (13-16°C)	175-225	0-1	
IMPATIENS (DOUBLE)	Fiesta™	5.8-6.2	4,000-6,000	68-76°F (20-24°C)	56-61°F (13-16°C)	175-225	0-1	
IMPATIENS (EXOTIC)	Fusion™, Patchwork™	5.8-6.2	4,000-6,000	68-76°F (20-24°C)	56-61°F (13-16°C)	175-225	0-1	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1 ppp, 8-10 weeks	1-2 ppp, 9-10 weeks	4-5 ppp, 11-13 weeks	Cycocel(S) 750-1,500 ppm to control growth; Florel (S) 200-300 ppm to improve branching. PGR generally not needed for basket production.	Fungus gnats, thrips, aphids, mites	<i>Botrytis</i> , <i>Oedema</i> , <i>Pythium</i> , <i>Xanthomonas</i>	Avoid drastic swings in soil moisture to reduce <i>Oedema</i> .
	1 ppp, 8-10 weeks	1-2 ppp, 9-10 weeks	4-5 ppp, 11-13 weeks	Cycocel(S) 750-1,500 ppm to control growth; Florel(S) 200-300 ppm to improve branching.	Fungus gnats, thrips, aphids, mites	<i>Botrytis</i> , <i>Oedema</i> , <i>Pythium</i> , <i>Xanthomonas</i>	Avoid drastic swings in soil moisture to reduce <i>Oedema</i> .
	1 ppp, 8-9 weeks	1-2 ppp, 9-10 weeks	4-5 ppp, 11-13 weeks	Cycocel(S) 750-1,000 ppm to control growth; Florel(S) 200-300 ppm to improve branching.	Fungus gnats, thrips, aphids, mites	<i>Botrytis</i> , <i>Pythium</i> , <i>Xanthomonas</i>	Keep foliage dry. Provide good air circulation.
	1 ppp, 8-9 weeks	1-2 ppp, 9-10 weeks	4-5 ppp, 11-13 weeks	Cycocel(S) 750-1,000 ppm to control growth; Florel (S) 200-300 ppm to improve branching.	Fungus gnats, thrips, aphids, mites	<i>Botrytis</i> , <i>Pythium</i> , <i>Xanthomonas</i>	Keep foliage dry. Provide good air circulation.
	1 ppp, 8-9 weeks	1-2 ppp, 9-10 weeks	4-5 ppp, 11-13 weeks	Cycocel(S) 750-1,000 ppm to control growth; Florel(S) 200-300 ppm to improve branching.	Fungus gnats, thrips, aphids, mites	<i>Botrytis</i> , <i>Pythium</i> , <i>Xanthomonas</i>	Day and night temperatures of 71 to 76°F (21 to 24°C) are ideal for the earliest stages of plant development. Fantasia Geraniums usually do not require PGRs to produce high-quality plants. Refer to the Fantasia Zonal Geranium Grower Facts at ballfloraplant.com for detailed culture information.
	1 ppp, 8-9 weeks	1-2 ppp, 9-10 weeks	4-5 ppp, 11-13 weeks	Generally not needed. Cycocel(S) 750-1,000 ppm to control growth; Florel(S) 200-300 ppm to improve branching.	Fungus gnats, thrips, aphids, mites	<i>Botrytis</i> , <i>Pythium</i> , <i>Xanthomonas</i>	Presto Geraniums usually do not require PGRs to produce high-quality plants. They are naturally compact, well-branched and early to flower.
	1 ppp, 5-7 weeks	2-3 ppp, 7-9 weeks	3-5 ppp, 9-11 weeks	None	Fungus gnats, whitefly	Root rot	Avoid saturated media at any time. Pinch regularly to shape.
	1 ppp, 6-7 weeks	1-2 ppp, 8-9 weeks	3-5 ppp, 10-12 weeks	Use B-Nine 1,500-3,000 ppm and Cycocel 750-1,000 ppm tank mix(S).	Whitefly, mites, aphids	Root rot	Cool temperatures and high light will reduce or eliminate any need for plant growth regulators.
	1 ppp, 5-7 weeks	1-2 ppp, 6-8 weeks	4-5 ppp, 9-12 weeks	Bonzi(S) 5-10 ppm can be used to control habit early; Bonzi(D) 0.5-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size. Florel(S) 100-200 ppm can be used to improve branching but will usually not be needed.	Leafminers, thrips	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Start feeding immediately after transplanting. Avoid water stress in all stages of crop. Avoid cold stress (night temperatures below 65°F/18°C). Maintain EC above 1.0 (SME). Use early PGR applications to achieve ideal finished plants. Fiesta Bonita Double Impatiens require less PGRs than Fiesta Double Impatiens.
	1 ppp, 6-9 weeks	1-2 ppp, 7-9 weeks	4-5 ppp, 10-12 weeks	Bonzi(S) 5-15 ppm can be used to control habit early; Bonzi(D) 0.5-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size. Florel(S) 100-200 ppm can be used to improve branching but will usually not be needed.	Leafminers, thrips	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Start feeding immediately after transplanting. Avoid water stress in all stages of crop. Avoid cold stress (night temperatures below 65°F/18°C). Maintain EC above 1.0 (SME). Use early PGR applications to achieve ideal finished plants.
	1 ppp, 6-8 weeks	1-2 ppp, 7-9 weeks	3-5 ppp, 10-12 weeks	Bonzi(S) 5-15 ppm is effective for height control. Florel(S) 100-300 ppm can be used to improve branching but will not usually be needed.	Aphids, thrips	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Start feeding immediately after transplanting. Avoid water stress in all stages of crop. Avoid cold stress (night temperatures below 65°F/18°C). Maintain EC above 1.0 (SME). Use early PGR application to achieve ideal finished plants. A light Bonzi drench when plant is three-quarters of finish size will promote flowering above the foliage.

\* ppp=plants per pot

\*\* Perennial varieties that can be grown cold without treatment for Spring and Summer sales.

# Annual culture guide

CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
IMPATIENS (INTERSPECIFIC)	SunPatiens® Compact, SunPatiens® Vigorous	5.8-6.2	4,000-9,000	68-79°F (20-26°C)	59-64°F (15-17°C)	75-150	0	
IMPATIENS (INTERSPECIFIC)	SunPatiens® Spreading	5.8-6.2	4,000-9,000	68-79°F (20-26°C)	59-64°F (15-17°C)	75-150	0	
IMPATIENS (NEW GUINEA)	Celebration	5.8-6.2	4,000-7,000	68-76°F (20-24°C)	59-64°F (15-17°C)	175-225	0	
IMPATIENS (NEW GUINEA)	Celebrette, Clockwork™	5.8-6.2	4,000-7,000	68-76°F (20-24°C)	59-64°F (15-17°C)	175-225	0	
IPOMOEA	SolarPower™	5.8-6.2	6,000-10,000	70-75°F (21-24°C)	65-70°F (18-21°C)	175-225	0-1	
IPOMOEA	SolarTower™	5.8-6.2	6,000-10,000	70-75°F (21-24°C)	65-70°F (18-21°C)	175-225	0-1	
IPOMOEA	Spotlight™	5.8-6.2	6,000-10,000	70-75°F (21-24°C)	65-70°F (18-21°C)	175-225	0-1	
IREFINE	Blazin' Lime, Blazin' Rose	5.8-6.2	4,000-7,000	71-79°F (21-26°C)	62-67°F (16-19°C)	175-225	1-2	
LAMIUM	Anne Greenaway, Beacon Silver, White Nancy	5.8-6.2	4,000-8,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-2	
LAMIUM	Jade Frost	5.8-6.2	4,000-8,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-2	
LANTANA	Bloomify™	5.8-6.2	5,000-10,000	74-85°F (23-29°C)	62-67°F (16-19°C)	225-300	1-3	
LANTANA	Dallas Red, Little Lucky™, New Gold, Purple Trailing	5.8-6.2	5,000-10,000	74-85°F (23-29°C)	62-67°F (16-19°C)	225-300	1-3	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1 ppp, 5-7 weeks	1 ppp, 7-9 weeks	3 ppp, 9-12 weeks	B-Nine/Bonzi (S) 1,000 ppm; B-Nine/2 ppm Bonzi (low rate) for Compact series.	Thrips, aphids, mites	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Dry culture, low to moderate nutrition, and cool temperatures will promote toned plants.
	1 ppp, 5-7 weeks	1 ppp, 7-9 weeks	3 ppp, 9-12 weeks	B-Nine/Bonzi (S) 1,500 ppm; B-Nine/4 ppm Bonzi (med rate) for Spreading series.	Thrips, aphids, mites	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Dry culture, low to moderate nutrition, and cool temperatures will promote toned plants.
	1 ppp, 7-9 weeks	1-2 ppp, 9-10 weeks	3-5 ppp, 10-13 weeks	Bonzi(S) 2-15 ppm can be used to control habit early; Bonzi(D) 0.25-2.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size. Florel(S) 100-200 ppm can be used to improve branching but will usually not be needed.	Thrips, aphids, mites	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Maintain 68°F (20°C) average daily temperature to optimize bloom size and reduce time to flower. Cooler temperatures will extend crop time. Grow crop somewhat dry to help control growth and hasten flowering. Avoid excess micro-nutrients in the soil. With good cultural practices and environmental conditions, no PGRs will be needed.
	1 ppp, 6-8 weeks	1-2 ppp, 7-9 weeks	4-5 ppp, 8-11 weeks	Bonzi(S) 2-10 ppm can be used to control habit early; Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size. Florel(S) 100-200 ppm can be used to improve branching but will usually not be needed.	Thrips, aphids, mites	Impatiens Necrotic Spot Virus, <i>Botrytis</i> , <i>Pythium</i>	Maintain 68°F (20°C) average daily temperature to optimize bloom size and reduce time to flower. Cooler temperatures will extend crop time. Grow crop somewhat dry to help control growth and hasten flowering. Avoid excess micro-nutrients in the soil. With good cultural practices and environmental conditions, no PGRs will be needed.
	1 ppp, 4-5 weeks	1 ppp, 5-6 weeks	3-5 ppp, 8-10 weeks	Generally not required. B-Nine (S) 2,500-3,500 ppm can be effective at controlling growth.	Aphids, whitefly	<i>Pseudomonas</i>	Avoid cold and wet conditions.
	1 ppp, 4-5 weeks	1-3 ppp, 5-6 weeks	3-5 ppp, 8-10 weeks	Generally not required. B-Nine(S) 2,500-3,500 ppm can be effective at controlling growth.	Aphids, whitefly, spider mites	<i>Pseudomonas</i>	Avoid cold and wet conditions. In order for the product to climb pots, it needs to have a stake or trellis included.
	1 ppp, 4-5 weeks	1 ppp, 5-6 weeks	3-5 ppp, 8-10 weeks	Generally not required. B-Nine(S) 2,500-3,500 ppm can be effective at controlling growth.	Aphids, whitefly	<i>Pseudomonas</i>	Avoid cold and wet conditions.
	1 ppp, 7-9 weeks	2-3 ppp, 8-10 weeks	4-5 ppp, 10-13 weeks	Generally not needed. Responsive to Bonzi.	Whitefly	None	Pinch regularly to encourage branching and improve habit.
	1 ppp, 4-5 weeks	2-3 ppp, 5-8 weeks	3-5 ppp, 8-10 weeks	Generally not needed. Soil moisture and cool temperatures are the most effective way to control growth.	Aphids, whitefly	Root and stem rot	Pinch plants to encourage branching and improve habit.
	1 ppp, 4-5 weeks	2-3 ppp, 5-8 weeks	3-5 ppp, 8-10 weeks	Generally not needed. Soil moisture and cool temperatures are the most effective way to control growth.	Aphids, whitefly	Root and stem rot	Pinch plants to encourage branching and improve habit.
	1-2 ppp, 7-8 weeks	1-3 ppp, 8-9 weeks	3-6 ppp, 11-13 weeks	Lantana is responsive to a B-Nine 2,500-5,000 ppm and Cycocel 1,000-1,500 ppm tank mix(S) as well as Florel(S) 300-400 ppm, Bonzi(S) 20-40 ppm and Sumagic(S) 10-20 ppm.	Whitefly, leafminers, aphids	Root rot	Allow plants to dry regularly between waterings. Pinch as needed to shape. Feeding at recommended levels will promote vigorous plants that will continue to actively grow and flower.
	1-2 ppp, 6-7 weeks	1-3 ppp, 7-8 weeks	3-6 ppp, 10-12 weeks	Lantana is responsive to a B-Nine 2,500-5,000 ppm and Cycocel 1,000-1,500 ppm tank mix(S) as well as Florel(S) 300-400 ppm, Bonzi(S) 20-40 ppm and Sumagic(S) 10-20 ppm. Little Lucky should not need growth regulators due to its naturally compact habit.	Whitefly, leafminer, aphids	Root rot	Allow plants to dry regularly between waterings. Pinch as needed to shape. Feeding at recommended levels will promote vigorous plants that will continue to actively grow and flower.

\* ppp=plants per pot

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# Annual culture guide

CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
LANTANA	Landmark™	5.8-6.2	5,000-10,000	74-85°F (23-29°C)	62-67°F (16-19°C)	225-300	1-3	
LANTANA	Lucky™	5.8-6.2	5,000-10,000	74-85°F (23-29°C)	62-67°F (16-19°C)	225-300	1-3	
LOBELIA	Early Springs™	5.8-6.2	5,000-8,000	71-76°F (21-24°C)	56-61°F (13-16°C)	175-225	1-2	
LOBELIA	Waterfall™	5.8-6.2	5,000-8,000	71-76°F (21-24°C)	56-61°F (13-16°C)	175-225	1-2	
LYSIMACHIA**	Goldilocks	5.8-6.2	4,000-8,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-2	
MECARDONIA	Little Sunshine	5.5-6.0	3,500-6,000	68-77°F (20-25°C)	68°F (20°C)	150-200	2 for pot sizes over 6 in. (15 cm)	
NEMESIA	Aromatica™	5.8-6.2	4,000-7,000	65-76°F (18-24°C)	35-52°F (1-11°C)	175-225	1-2	
OSTEOSPERMUM	Blue Eyed Beauty, Blushing Beauty, Serenity™	5.8-6.2	5,000-9,000	59-76°F (15-24°C)	44-55°F (6-12°C)	225-300	1	
OSTEOSPERMUM	Voltage White™, Voltage Yellow™	5.8-6.2	5,000-9,000	59-76°F (15-24°C)	44-55°F (6-12°C)	225-300	0-1	
PERILLA	Magilla® Purple	5.8-6.2	4,000-10,000	74-85°F (23-29°C)	59-70°F (15-21°C)	175-225	0-1	
PETCHOA	SuperCal®	5.4-5.9	5,000-8,000	60-70° F (16-21° C)	50-58° F (10-14° C)	200-250	1 or 2	
PETUNIA	Black Magic	5.4-5.9	5,000-8,000	65-76°F (18 -24°C)	53-61°F(11-16°C)	225-300	0-1	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1-2 ppp, 6-7 weeks	1-3 ppp, 7-8 weeks	3-6 ppp, 10-12 weeks	Lantana is responsive to a B-Nine 2,500-5,000 ppm and Cycocel 1,000-1,500 ppm tank mix(S) as well as Florel(S) 300-400 ppm, Bonzi(S) 20-40 ppm and Sumagic(S) 10-20 ppm.	Whitefly, leafminers, aphids	Root rot	Allow plants to dry regularly between waterings. Pinch as needed to shape. Feeding at recommended levels will promote vigorous plants that will continue to actively grow and flower. Landmark varieties are more vigorous.
	1-2 ppp, 6-7 weeks	1-3 ppp, 7-8 weeks	3-6 ppp, 10-12 weeks	Lantana is responsive to a B-Nine 2,500-5,000 ppm and Cycocel 1,000-1,500 ppm tank mix(S) as well as Florel(S) 300-400 ppm, Bonzi(S) 20-40 ppm and Sumagic(S) 10-20 ppm.	Whitefly, leafminer, aphids	Root rot	Allow plants to dry regularly between waterings. Pinch as needed to shape. Feeding at recommended levels will promote vigorous plants that will continue to actively grow and flower. Lucky varieties are naturally compact and free-branching.
	1 ppp, 7-9 weeks	1 ppp, 9-11 weeks	4-5 ppp, 10-12 weeks	Generally not needed.	Aphids, thrips	<i>Botrytis</i>	Transplant 24-28 days after stick, and optional pinch again 10-14 days after transplant. 4-in. (10-cm) size may skip second pinch. Keep on dry side.
	1 ppp, 9-10 weeks	2-3 ppp, 10-11 weeks	4-5 ppp, 10-13 weeks	Generally not needed.	Thrips	<i>Botrytis</i>	Blue has a mounded, trailing habit, while Lavender has a trailing habit. Ideal for Spring and Summer throughout North America. Will flower in Autumn, Winter and early Spring in the Sunbelt.
	1 ppp, 4-5 weeks	2-3 ppp, 5-8 weeks	3-5 ppp, 8-10 weeks	Generally not needed. Pinching is best for shaping the plant.	None	None	Goldilocks Lysimachia is grown primarily for its foliage.
	1 ppp, 6-8 weeks	2-3 ppp, 6-8 weeks	5-6 ppp, 10-12 weeks	Plant Growth Regulators not needed when grown in high light.	Aphids, fungus gnats, slugs/snails	<i>Botrytis</i> , root and stem rot	Mecardonia is heat and drought tolerant in the landscape. Generally, finished production pots can be produced with little to no maintenance required.
	1 ppp, 5-7 weeks	2-3 ppp, 7-9 weeks	3-4 ppp, 9-11 weeks	Grow cool and bright to improve habit. Nemesis is responsive to B-Nine(S) 2,500-4,000 ppm, Sumagic(S) 20-30 ppm, and Florel(S) 200-300 ppm.	Thrips, aphids, leafminer	Root rot	If grown cool and with high light levels, Aromatica will generally require little, if any, PGRs. Avoid water-logged media.
	1 ppp, 10-13 weeks	2-3 ppp, 11-14 weeks	3-4 ppp, 11-15 weeks	Is responsive to B-Nine(S) 2,500-4,000 ppm alone or as a tank mix(S) with Cycocel 750-1,000 ppm. Bonzi(S) 15-30 ppm is also effective.	Aphids, whitefly, thrips	Root and stem rot, <i>Botrytis</i>	After transplanting, allow plants to become established for 1-2 weeks at 60-65°F (15-18°C). Once plants are well established, begin growing at recommended cool temperatures. After 4-6 weeks of cool conditions, plants can be forced in 6-8 weeks.
	1 ppp, 8-11 weeks	1-2 ppp, 8-11 weeks	3-5 ppp, 8-11 weeks	Is responsive to B-Nine(S) 2,500-4,000 ppm alone or as a tank mix(S) with Cycocel 750-1,000 ppm. Bonzi(S) 15-30 ppm is also effective.	Aphids, whitefly, thrips	Root and stem rot, <i>Botrytis</i>	After transplanting, allow plants to become established for 1-2 weeks at 60-65°F (15-18°C). Once plants are well established, begin growing at recommended cool temperatures. Pinch optional. After 4-6 weeks of cool conditions, plants can be forced in 6-8 weeks.
	1 ppp, 5-7 weeks	1-2 ppp, 6-8 weeks	3-4 ppp, 8-11 weeks	B-Nine(S) 2,000-4,000 ppm, applied 1-3 times, can be used to control habit.	Thrips, aphids, whitefly	Root rot	Plants should be pinched as needed to control habit. Crop times will be shorter under long days or warmer temperatures.
	1 ppp, 6-8 weeks	1-3 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	Foliar sprays of A-Rest 10-30 ppm or sprays of B-Nine/Bonzi tank mix, B-Nine 2,500-5,000 ppm/Bonzi 10-30 ppm. Drench of A-Rest 1-3 ppm, or drench of Bonzi 1-4 ppm.	Whitefly, thrips, leafminers, aphids, mites	<i>Botrytis</i> , Crown rot, Tobacco Mosaic Virus	Blue, Purple, Terracotta, Velvet are high vigor. Artist Rose, Blushing Pink, Cherry, Neon Rose, Pink Ice, Violet are medium vigor. Cool temperatures and high light reduce need for PGR.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	4-5 ppp, 8-11 weeks	B-Nine (S) 1,000-2,000 ppm, applied 2-4 times, can be used to control habit early; Bonzi(D) 0.25 -1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size.	Whitefly, thrips, leafminer	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce or eliminate any need for PGRs. Monitor pH regularly for high pH and possible iron deficiency.

\* ppp=plants per pot

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CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
PETUNIA	Cascadias™ Indian Summer	5.4-5.8	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA	Cha-Ching Cherry	5.4-5.8	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA	ColorBlitz™	5.4-5.8	5,000-8,000	59-76°F (15-24° C)	53-61°F (11-16° C)	225-300	0-1	
PETUNIA	ColorRush™	5.4-5.8	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA	Lime Light	5.8-6.2	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA	Phantom, Pinstripe, Sun Spun®	5.4-5.8	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA	Ragtime Improved	5.8-6.2	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA	Rhythm And Blues	5.8-6.2	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	
PETUNIA (SPREADING DOUBLE)	Double Wave®	5.4-5.8	5,000-8,000	59-76°F (15-24°C)	53-61°F (11-16°C)	225-300	0-1	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1 ppp, 6-8 weeks	2-3 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	B-Nine(S) 1,500-2,500 ppm, applied 2-4 times, can be used to control habit early; Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size.	Whitefly, thrips, leafminers	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce or eliminate any need for PGRs. Monitor regularly for high pH and possible iron deficiency. Flowering will be best as days lengthen in late Spring and Summer. Daylength of more than 14 hours will hasten flowering.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	3-5 ppp, 8-11 weeks	B-Nine (S) 1,500-2,500 ppm, applied 2-4 times, can be used to control habit early. Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size.	Whitefly, thrips, leafminer	<i>Botrytis</i> , Root Rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce or eliminate any need for PGRs. Monitor regularly for high pH and possible iron deficiency. First blooms in low light/short day will have less star; as crop matures, color pattern intensifies.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	3-5 ppp, 8-11 weeks	B-Nine(S) 1,500-2,500 ppm, applied 2-4 times, can be used to control habit early. Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size.	Whitefly, thrips, leafminers	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce need for PGRs. Monitor regularly for high pH and possible iron deficiency.
	1 ppp, 6-8 weeks	2-3 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	B-Nine(S) 1,500-2,500 ppm, applied 2-4 times, can be used to control habit early. Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size.	Whitefly, thrips, leafminers	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce or eliminate any need for PGRs. Monitor regularly for high pH and possible iron deficiency. Flowering will be best as days lengthen in late Spring and Summer. Daylength of more than 14 hours will hasten flowering.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	3-5 ppp, 8-11 weeks	Generally not needed.	Whitefly, thrips, leafminer	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	This variety is extremely sensitive to growth regulators, and is naturally well-branched and compact.
	1 ppp, 5-7 weeks	2-3 ppp, 6-8 weeks	3-5 ppp, 8-11 weeks	B-Nine(S) 1,500-2,500 ppm, applied 2-4 times, can be used to control habit early. Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size. B-Nine applications late in the crop time can cause instability in flower color.	Whitefly, thrips, leafminer	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce or eliminate any need for PGRs. Monitor regularly for high pH and possible iron deficiency. Flowering will be best as days lengthen in late Spring and Summer. Daylength of more than 14 hours will hasten flowering.
	1 ppp, 6-8 weeks	1-3 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	Early applications of growth regulators are required. B-Nine 1,500-2,000 ppm/Cycocel 750-1,000 ppm spray. Bonzi 2-3 ppm drench. Apply 2-3 times early in the crop cycle.	Whitefly, thrips, leafminers	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	This is a vigorous variety that branches well. Early growth regulator applications help with tone and branching.
	1 ppp, 6-8 weeks	1-3 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	Early applications of growth regulators are required. B-9 1500-2000 ppm/Cycocel 750-1000 ppm spray, Bonzi 2-3 ppm drench. Apply 2-3 times early in the crop cycle.	Whitefly, thrips, leafminer	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	This is a vigorous variety that branches well. Early growth regulator applications help with tone and branching,
	1 ppp, 6-8 weeks	2-3 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	B-Nine(S) 1,500-2,500 ppm, applied 2-4 times, can be used to control habit early; Bonzi(D) 0.25-1.0 ppm applied as crop matures will control final height but not delay flowering or reduce flower size.	Whitefly, thrips, leafminer	<i>Botrytis</i> , Root rot, Tobacco Mosaic Virus	Cool temperatures and high light will reduce or eliminate any need for PGRs. Monitor pH regularly for high pH and possible iron deficiency. Flowering will be best as days lengthen in late Spring and Summer. Daylength of more than 14 hours will hasten flowering.

\* ppp=plants per pot

\*\* Perennial varieties that can be grown cold without treatment for Spring and Summer sales.

# Annual culture guide

CROP	SERIES/VARIETY	SOIL PH	LIGHT LEVELS (FC)	TEMPERATURE DAY	TEMPERATURE NIGHT	FERTILIZATION (PPM N)	NO. OF PINCHES	
PLECTRANTHUS	Mona Lavender	5.8-6.2	4,000-7,000	74-79°F (23-26°C)	59-64°F (15-17°C)	175-225	0-1	
PLECTRANTHUS	Nico, Nicolleta, Variegata	5.8-6.2	5,000-8,000	71-79°F (21-26°C)	56-61°F (13-16°C)	175-225	1-2	
PURSLANE	Fairytales Cinderella, Rio Grande™	5.8-6.2	5,000-10,000	71-79°F (21-26°C)	62-67°F (16-19°C)	225-300	1-2	
SALVIA	Black & Bloom, Black & Blue	5.4-5.8	6,000-9,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-2	
SALVIA	Mystic Spires Improved, Mysty	5.8-6.2	6,000-10,000	71-79°F (21-26°C)	62-67°F (16-19°C)	175-225	1-2	
SCAEVOLA	Blue Fan, Bondi™, Brilliant, White Sparkle	5.8-6.2	5,000-9,000	74-79°F (23-26°C)	59-64°F (15-17°C)	175-225	1-2	
STROBILANTHES	Persian Shield	5.8-6.2	3,000-6,000	74-79°F (23-26°C)	59-64°F (15-17°C)	175-225	1-3	
THUNBERGIA	Sunny™	5.8-6.2	5,000-8,000	71-79°F (21-26°C)	59-64°F (15-17°C)	175-225	1-3	
VERBENA	Aztec Magic™	5.8-6.2	5,000-8,000	71-79°F (21-26°C)	62-64°F (16-17°C)	225-300	1-2	
VERBENA	Aztec®	5.8-6.2	5,000-8,000	71-79°F (21-26°C)	62-64°F (16-17°C)	225-300	1-2	
VERBENA	EnduraScape™	5.8-6.2	5,000-8,000	71-79°F (21-26°C)	62-64°F (16-17°C)	225-300	1-2	

Crop Time from Rooted Cutting\*

	4 TO 5-IN. (10 TO 13-CM) POTS	6-IN. (15-CM) POTS, GALLONS	10 TO 12-IN. (25 TO 30-CM) POTS OR BASKETS	PLANT GROWTH REGULATORS (S) SPRAY (D) DRENCH	PESTS	DISEASES	COMMENTS
	1 ppp, 6-8 weeks	1-2 ppp, 7-9 weeks	3-5 ppp, 9-12 weeks	B-Nine 1,500-2,500 ppm and Cycocel 750-1,000 ppm tank mix(S) or Bonzi(S) 5-20 ppm applied as needed is effective.	Whitefly, worms	Root rot	Mona Lavender requires a short-day treatment to flower. Natural-day crops can be finished in southern climates for January to March sales. Spring, Summer and Fall crops can be achieved using black cloth/short days in all regions.
	1 ppp, 6-8 weeks	1-3 ppp, 7-10 weeks	3-5 ppp, 9-12 weeks	Generally not needed.	Whitefly	<i>Botrytis</i> , <i>Pythium</i> , <i>Rhizoctonia</i>	Regularly allow the media to dry between waterings. Pinch regularly to improve habit.
	1-2 ppp, 5-6 weeks	2-3 ppp, 6-8 weeks	3-5 ppp, 9-12 weeks	Generally not needed.	Whitefly	Root rot	Regularly allow the media to dry moderately between waterings, especially in cool periods. Regular pinching and constant feeding will improve habit and flowering.
	1 ppp, 7-9 weeks	1-2 ppp, 8-10 weeks	2-3 ppp, 10-12 weeks	A B-Nine 2,000-3,500 ppm and Cycocel 1,000-1,500 ppm tank mix(S) will help control height.	Whitefly, fungus gnats, thrips	<i>Botrytis</i> , <i>Pythium</i> , <i>Rhizoctonia</i>	Regularly allow the media to dry between waterings, particularly during cool periods. Black & Blue Salvia prefers warm conditions to ensure early flowering.
	1 ppp, 4-8 weeks	2-3 ppp, 6-10 weeks	4-5 ppp, 8-12 weeks	Responsive to B-Nine 2,500-3,000 ppm. Increase rates as days lengthen in late Spring and Summer.	Whitefly	None	Regularly allow the media to dry moderately between waterings, especially in cool periods. Proper pinching and moderate feeding will improve habit and flowering.
	1 ppp, 5-7 weeks	1-2 ppp, 7-8 weeks	3-5 ppp, 10-12 weeks	Generally not needed. Bonzi(D) 1-3 ppm or Bonzi(S) 20-40 ppm will control growth.	Whitefly	<i>Pythium</i> , <i>Rhizoctonia</i>	Scaevola prefers a well-drained soil. Allow the media to dry between waterings. Night temperatures lower than recommended will significantly slow the crop and lead to problems with root rot.
	—	1-2 ppp, 8-10 weeks	3-5 ppp, 10-13 weeks	Generally not needed.	Whitefly	Root rot	Moderate light levels produce more colorful foliage. Pinch early to shape. Feed regularly to maintain growth.
	1 ppp, 6-8 weeks	1-2 ppp, 7-9 weeks	4-5 ppp, 10-12 weeks	Generally not needed.	Mites, whitefly, thrips	<i>Botrytis</i>	Thunbergia is a warm-season crop that prefers night temperatures above 60°F (15°C). Pinch regularly to shape.
	1 ppp, 5-7 weeks	1-3 ppp, 7-8 weeks	4-5 ppp, 10-13 weeks	Responsive to a B-Nine 2,500-3,500 ppm/Cycocel 750-1,000 ppm tank mix(S) and Florel(S) 250-300 ppm to control growth and improve plant habit.	Whitefly, leafminer, aphids	Root rot	Regularly allow plants to dry between waterings. Pinch as needed to shape. Refer to the Aztec Magic Verbena Grower Facts at ballfloraplant.com for detailed culture information.
	1 ppp, 5-7 weeks	1-3 ppp, 7-8 weeks	4-5 ppp, 10-13 weeks	Responsive to a B-Nine 2,500-3,500 ppm/Cycocel 750-1,000 ppm tank mix(S) and Florel(S) 250-300 ppm to control growth and improve plant habit.	Whitefly, leafminer, aphids	Root rot	Regularly allow plants to dry between waterings. Pinch as needed to shape.
	1 ppp, 5-7 weeks	1-3 ppp, 7-8 weeks	4-5 ppp, 10-13 weeks	Responsive to a B-Nine 2,500-3,500 ppm/Cycocel 750-1,000 ppm tank mix(S) and Florel(S) 250-300 ppm to control growth and improve plant habit.	Whitefly, leafminers, aphids	Root rot	Regularly allow plants to dry between waterings. Pinch as needed to shape. EnduraScape varieties may require more PGR use under normal conditions.

\* ppp=plants per pot

\*\* Perennial varieties that can be grown cold without treatment for Spring and Summer sales.

POLICIES AND LICENSING

Ball Horticultural Company  
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All finished Ball FloraPlant® vegetative varieties must be sold with a Ball Horticultural Company supplied or approved plant label or tag. All materials promoting Ball FloraPlant varieties must include the following:

- Full commercial name to include trademark, as applicable; and full variety name.
- U.S. Plant Patent number or PPAF (Plant Patent Applied For), as applicable; and/or U.S. Utility Patent number or PAF (Utility Patent Applied For), as applicable.
- “Propagation is Prohibited” or “Propagation Prohibited.”

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BFP Cancellation Policy

No cancellations or order reductions based on the schedule below. Exceptions to this policy will be reviewed on a case-by-case basis.

No cancellations within:

- 2 weeks of ship date for unrooted cuttings
- 4 weeks of ship date for Genesis cuttings

**New/add-on orders:** As always, new orders and order additions of unrooted cuttings are still possible within 2 weeks of ship date.

**BFP Production:** Floricultura, Guatemala; Las Limas, Nicaragua; Banner Greenhouse, NC, U.S.; Van Wingerden Greenhouse, Inc., WA, U.S.

Important Plant Protection and  
Licensing Information

**Plant Protection**

All Ball FloraPlant varieties listed herein are covered by the terms and conditions of the Flowering-Only License Agreement. Many are also protected by U.S. Patents and/or Plant Breeders' Rights.

**Licensing**

Flowering Only License terms and conditions apply to the Ball FloraPlant varieties listed herein. By opening the box containing unrooted or rooted cuttings of these Ball FloraPlant varieties, customers agree to these terms and conditions. A copy of the Flowering Only License is available on our website. From the main page of the Ball FloraPlant web page, click on the Propagation and Licensing link at the bottom of the page or enter the following web address in your browser:

[www.ballfloraplant.com/BFP/\\_Propagation.aspx](http://www.ballfloraplant.com/BFP/_Propagation.aspx).

A copy can also be obtained from Royalty Administration International® (RAI) by calling (800) 472-4724. RAI is our U.S. licensing agent.

**Licensed Propagation**

Please see opposite page for more information.

**Flowering-Only Terms**

- Allows for the growing and selling of “Finished Plants,” defined as plants grown for at least five weeks in a 3-in. (7.5-cm) size pot/container or larger for at least four (4) weeks from planting of a rooted cutting, and seven (7) weeks from planting of an unrooted cutting.
- All finished product must be sold with a Ball supplied or approved label or tag.
- Sale of rooted or unrooted cuttings to any other company or individual is strictly prohibited as is propagation and/or the taking of tip cuttings.

Flowering-Only Licensed Varieties	
Commercial Name	Variety Name
<b>Angelonia</b>	
AngelMist® Spreading Bluebird	Balangspird
AngelMist® Spreading Dark Purple	Balangsparkl
AngelMist® Spreading Pink	Balangbakin
AngelMist® Spreading White	Balangspri
Archangel™ Blue Bicolor	Balarclubi
Archangel™ Cherry Red	Balaracher
Archangel™ Dark Purple	Balarckle
Archangel™ Dark Rose	Balarcose
Archangel™ Pink	Balarcorpin
Archangel™ Purple	Balarcpur
Archangel™ Raspberry	Balarcaspin
Archangel™ White	Balarowite
<b>Argyranthemum</b>	
Madeira™ Crested Hot Pink	Bonmad 11277
Madeira™ Crested Merlot	Bonmadmerlo
Madeira™ Crested Yellow	Bonmadcrel
Madeira™ Deep Pink	Bonmadrospi
Madeira™ Primrose	Bonmadprose
Madeira™ Red	Bonmadre
Madeira™ White	Bonmadwitim
<b>Bacopa/Sutera</b>	
MegaCopa™ Blue	Balmecoblu
MegaCopa™ Pink	Balmecopin
MegaCopa™ Sky Blue	Balmecosklu
MegaCopa™ Versa White	Balmecoversi
MegaCopa™ White	Balmecowite

<b>Bidens</b>	
Bee Alive	Bee Alive
Sunbeam	KLEBF07003
Sun Drop Compact	Sun Drop Compact
Sun Drop Improved	Sun Drop Improved

<b>Brachyscome</b>	
Enduring Blue	Enduring Blue
Radiant Magenta	Cherish

<b>Bracteantha</b>	
Dreamtime® Jumbo Pure White	Bondrepuho
Dreamtime® Jumbo Red	Bondre 11100
Dreamtime® Jumbo Rose	Bondre 1051
Dreamtime® Jumbo Yellow	Ohb003790

<b>Calibrachoa</b>	
Cabaret® Bright Red	Balcabrite
Cabaret® Coral Kiss	
Cabaret® Deep Blue	Balcabdelbu
Cabaret® Deep Yellow	Balcabclapy
Cabaret® Hot Pink	Balcabhopi
Cabaret® Lavender	Balcablivim
Cabaret® Lemon Yellow	Balcabliemy
Cabaret® Light Pink	Balcablinikim
Cabaret® Little Pink Kiss	Balcablinpisk
Cabaret® Orange	Balcaborg
Cabaret® Pink	Balcabin
Cabaret® Pink Star	Balcabinsta
Cabaret® Purple	Balcabcpurim
Cabaret® Purple Heart	Balcabart
Cabaret® Rose	Balcabrosim
Cabaret® Rose Kiss	Balcaboski
Cabaret® Sky Blue	Balabsklu
Cabaret® White	Balcabwhite
Can-Can® Apricot	Balcanapt
Can-Can® Bumble Bee Pink	Balcanumbi
Can-Can® Dark Purple	Balcanark
Can-Can® Hot Pink Star	Balcanosar
Can-Can® Magenta Kiss	Balcanmiss
Can-Can® Neon Pink	Balcanconi
Can-Can® Orange	Balcanoran
Can-Can® Pink Flamingo	Balcanpingo
Can-Can® Terracotta	Balcanterra
Conga™ Coral Kiss	Balcongioriss
Conga™ Dark Blue	Balcongariu
Conga™ Deep Yellow	Balcongdel
Conga™ Lavender	Balcongjav
Conga™ Orange Kiss	Balcongrianiss
Conga™ Pink	Balcongcinik
Conga™ Red	Balcabscarim
Conga™ Rose	Balcongossis
Conga™ Rose Kiss Improved	Balcongriissim
Conga™ Sun Kiss	Balconguniiss
Conga™ Sunset Kiss	Balcongietiss
Conga™ White	Balcongite

<b>Coleus</b>	
Burgundy Wedding Train	Kakegawa CE10
Campfire	UF12221
Coleosaurus	UF104512
Electric Lime®	UF04335
FlameThrower™ Chili Pepper	UF81910
FlameThrower™ Chipotle	UF12823
FlameThrower™ Habanero	UF9837
FlameThrower™ Salsa Verde	UF14241
FlameThrower™ Spiced Curry	UF12735
French Quarter	UF134827
Henna	Balcosinna
Indian Summer	Balcosinsu
Inferno	UF13267
Lava Rose	Kakegawa CE1
Mint Mocha	Balcoimoa
Redhead	UF0646
Ruby Slipper	UF13424
Special Effects	PPAF
Trusty Rusty	UF06419
Vino	Balcoovino
Wasabi	UF0643

<b>Cuphea</b>	
Firecracker	Firecracker

<b>Dahlia</b>	
GardenettaTM Dark Red	Baldenrek
GardenettaTM Lavender Swirl	Baldenav
GardenettaTM Passion Fruit	Baldenink

<b>Diascia</b>	
Juliet™ Light Pink	Bajlulink
Juliet™ Orange Improved	Bajlulorim
Juliet™ Pink	Bajlulink
Juliet™ Red	Bajluled
Juliet™ Rose	Bajlulose
Juliet™ White Improved	Bajlulitim

<b>Euphorbia</b>	
Breathless® Blush	Balbreblus
Breathless® White	Balbrewite

<b>Gaura</b>	
Bellezza™ Compact Light Pink	KLEGL06261
Bellezza™ Dark Pink	KLEAU04263
Bellezza™ White Improved	KLEGL14844

<b>Impatiens, Compact</b>	
SunPatens® Compact Blush Pink	SAKIMP013
SunPatens® Compact Coral Pink	SAKIMP042
SunPatens® Compact Deep Rose	SAKIMP017
SunPatens® Compact Electric Orange	SAKIMP025
SunPatens® Compact Fire Red	SAKIMP039
SunPatens® Compact Hot Coral	SAKIMP026
SunPatens® Compact Lilac	SAKIMP012
SunPatens® Compact Neon Pink	SAKIMP033
SunPatens® Compact Orange	SAKIMP011
SunPatens® Compact Orchid	SAKIMP041
SunPatens® Compact Pink	SAKIMP019
SunPatens® Compact Red	SAKIMP030
SunPatens® Compact Royal Magenta	SAKIMP029
SunPatens® Compact White	SAKIMP027

<b>Impatiens, Double</b>	
Fiesta™ Appleblossom	Balfieplos
Fiesta™ Burgundy	Balfiebur
Fiesta™ Deep Orange	Balfiedeor
Fiesta™ Lavender Orchid Improved	Balfielavori
Fiesta™ Pink Ruffle	Pink Ruffle
Fiesta™ Purple	Balfieprim
Fiesta™ Salsa Red	Balfiesaled
Fiesta™ Sparkler Cherry	Balfiespray
Fiesta™ Sparkler Hot Pink	Balfiesink
Fiesta™ Stardust Pink	Balolestop
Fiesta™ Stardust Purple	Balfiestarp
Fiesta™ Sunrise Red	Balfiesunre
Fiesta™ White	Balfiewite
Fiesta™ Bonita Burgundy	Balboniburg
Fiesta™ Bonita Cherry	Balbonicher
Fiesta™ Bonita Pink	Balbonipink
Fiesta™ Bonita Rose	Balbonirose
Fiesta™ Bonita Salmon	Balbonisal
Fiesta™ Bonita Stardust Lavender	Balbonistar
Fiesta™ Bonita White	Balboniwire

<b>Impatiens, Exotic</b>	
Fusion™ Glow Yellow	Balfusimglo
Fusion™ Heat Coral	Balfusheat

<b>Impatiens, New Guinea</b>	
Clockwork™ Appleblossom	DANCEL877
Clockwork™ Orange	Balceborushi
Clockwork™ Orange Stripe	Balceboripi
Clockwork™ Pink Star	Balceborcari
Clockwork™ Purple	Balcebugushi
Clockwork™ Red	Balcebredim
Clockwork™ White	Balcebfro

<b>Impatiens, Spreading</b>	
SunPatens® Spreading Carmine Red	SAKIMP022
SunPatens® Spreading Clear Orange	SAKIMP040
SunPatens® Spreading Clear White	SAKIMP036
SunPatens® Spreading Corona	SAKIMP008
SunPatens® Spreading Lavender	SAKIMP034
SunPatens® Spreading Pink Flash	SAKIMP031
SunPatens® Spreading Pink Kiss	
SunPatens® Spreading Salmon V/L	SAKIMP005
SunPatens® Spreading Scarlet Red	SAKIMP032
SunPatens® Spreading Shell Pink	SAKIMP035
SunPatens® Spreading Tropical Orange	SAKIMP038
SunPatens® Spreading White V/L	SAKIMP018

<b>Impatiens, Vigorous</b>	
SunPatens® Vigorous Lavender	SAKIMP006
SunPatens® Vigorous Magenta	Misato FG3
SunPatens® Vigorous Orange	Misato FG2
SunPatens® Vigorous White	SAKIMP010

<b>Impatiens walleriana</b>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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# Terms & Conditions of Sale

Visit [ballfloraplant.com](http://ballfloraplant.com) for current Terms & Conditions of Sale.

## ACCEPTANCE OF TERMS

These terms and conditions shall govern orders for plants (merchandise) placed with Seller. All negotiations with sales representatives or other agents of Seller are merged herein. No modification of these terms and conditions shall be effective unless in writing signed by Seller. Placement of the order shall constitute Purchaser's acceptance of these terms and conditions. All orders are subject to acceptance by Seller at our offices in West Chicago, Illinois.

## LIMITATION OF WARRANTY

Seller warrants, to the extent required by law, that merchandise conforms to the description appearing in Seller's catalog and on container labels, within recognized tolerances. SELLER MAKES NO OTHER OR FURTHER WARRANTY, EXPRESS OR IMPLIED. ALL OTHER OR FURTHER WARRANTIES, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. Certain merchandise may be separately warranted by the manufacturer. Seller does not adopt or ratify any manufacturer warranties, express or implied, and Seller shall have no liability thereunder. Seller does not adopt or ratify any manufacturer warranties, express or implied, made by Purchaser upon resale of the merchandise, and Seller shall have no liability thereunder.

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PURCHASER'S SOLE AND EXCLUSIVE REMEDY SHALL BE REFUND OF THE PURCHASE PRICE. SELLER'S LIABILITY, WHETHER FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, PRODUCTS LIABILITY OR ANY OTHER THEORY OF LIABILITY, IS LIMITED TO THE AMOUNT OF THE PURCHASE PRICE. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE, OR FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

## MANDATORY ARBITRATION

ANY CLAIM WHICH PURCHASER MAY HAVE AGAINST SELLER ARISING OUT OF OR RELATING TO THE SALE OF THE MERCHANDISE SHALL BE SETTLED BY BINDING ARBITRATION IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, SAID ARBITRATION TO BE VENUED IN COOK OR DUPAGE COUNTIES, ILLINOIS. The laws of several states require arbitration, conciliation or mediation of disputes involving allegedly defective plants before legal action may be taken. Purchaser should contact the State Department Of Agriculture for information. Such laws typically require that a complaint be filed with the State Department of Agriculture in time to permit inspection of the crops or plants. If such a complaint is filed, a copy must be sent to Seller by registered or certified mail.

## GOVERNING LAW, JURISDICTION & VENUE

The laws of the State of Illinois, including but not limited to the Uniform Commercial Code as adopted therein, shall govern all matters arising out of or relating to Seller's sale of merchandise. ANY DISPUTE NOT SUBJECT TO ARBITRATION AND ANY ACTION TO ENFORCE AN ARBITRATION AWARD ARISING OUT OF OR RELATING TO THE SALE OF MERCHANDISE HEREUNDER SHALL BE MAINTAINED IN THE STATE OR FEDERAL COURTS LOCATED IN DUPAGE OR COOK COUNTIES, ILLINOIS, AND PURCHASER SUBMITS TO THE JURISDICTION OF AND VENUE IN SAID COURTS.

## INDEMNITY

By accepting merchandise, Purchaser agrees to defend Seller, to hold it harmless and indemnify it from and against any claim or loss asserted by any or all transferees of such merchandise or users of the products of such merchandise who are not notified by Purchaser in writing of Limitation of Warranty, Limitation of Remedy, Mandatory Arbitration, Governing Law Jurisdiction and Venue, and Notice Regarding Seed-Borne Diseases in language substantially equivalent to that contained in these Terms & Conditions of Sale.

## MINIMUM ORDERS

The minimum quantity for each order is 500 unrooted cuttings. Total orders less than 2,000 unrooted cuttings will be subject to a minimum charge of \$30.

## PRICES

All prices are subject to change without notice. The price in effect at time of shipment will prevail. Prices do not include installation; Seller takes no responsibility, and shall have no liability for installation.

## PAYMENT

Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount when due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF \$25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION.

## FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

The freight and handling charge on Purchaser's invoice covers shipment of the merchandise to Purchaser's destination, and replacement or credit for damaged merchandise if the steps listed here are followed. PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment:

1) Count all cartons. 2) Inspect all cartons for external damage. 3) Check for open or resealed cartons. 4) Note any damages, shortages, open or resealed cartons on the delivery receipt; the carrier's representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage due to weather related issues such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call the Ball Traffic Department at **800 879-BALL** to report the damage and receive details on what is needed to file a claim. Damaged unrooted cuttings will be replaced by Ball FloraPlant. Damaged rooted cuttings will be replaced by Ball Seed.

## CANCELLATION POLICY

Cancellations for unrooted cuttings must be received at least thirty (30) days prior to scheduled ship date. Cancellations for liners or seed-raised plugs must be received prior to stick or sow date.

## NOTICE & RETURN

No returns will be accepted. Seller shall have no liability for any defect unless notice is given promptly, not to exceed five (5) days after receipt of delivery of merchandise. Notice of defect should be addressed to Ball at **800 879-BALL**.

## DELAYS, SHORTAGES & SUBSTITUTIONS

Seller shall not be responsible for delays in delivery or for losses resulting from such delays. Seller reserves the right to make partial shipment. In the event of shortages, Seller may substitute such other, similar merchandise as is available.

## PLANT PROTECTION

Varieties described herein may be covered by the Flowering-Only License Agreement, United States Plant Patents, Utility Patents, and/or Plant Breeders Rights. These varieties may not be reproduced without authorization. The breeder or authorized representative has the right to inspect customers' nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

## TRADEMARKS

Trademarks are the property of Ball Horticultural Company, unless otherwise indicated.

## SALES LIMITATIONS

THE COMPANY'S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSFERRED OR RE-EXPORTED, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION THAT IS SUBJECT TO UNITED STATES OR UNITED NATIONS SANCTIONS PROGRAMS OR EMBARGOS (INCLUDING BUT NOT LIMITED TO OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC'S "SPECIALLY DESIGNATED NATIONALS" LIST) WITHOUT AN APPROPRIATE EXPORT LICENSE.

ALL FOREIGN SHIPMENTS MUST BE SHIPPED IN COMPLIANCE WITH THE FOREIGN CORRUPT PRACTICES ACT AND THE UK BRIBERY ACT.

Discontinued Ball FloraPlant Varieties for 2018

VARIETY

Argyranthemum Grandessa Pink Halo  
Argyranthemum Grandessa Red  
Argyranthemum Grandessa White  
Argyranthemum Grandessa Yellow  
Argyranthemum Madeira Crested Violet  
Argyranthemum Madeira Double White  
Bacopa Scopia Double Indigo  
Bacopa Scopia Double Snowball  
Bacopa Scopia Gulliver Blue  
Bacopa Scopia Gulliver Dynamic White  
Bracteantha Basket Bon Bon  
Calibrachoa Cabaret Mango Tango  
Calibrachoa Cabaret Scarlet  
Calibrachoa Can-Can Red Splash  
Calibrachoa Conga Orange  
Calibrachoa Conga Pink Kiss  
Diascia Romeo Bright Pink  
Diascia Romeo Orange  
Diascia Romeo White  
Erysimum Apricot Twist  
Gaura Belleza White  
Geranium, Ivy Precision Pink  
Geranium, Zonal Dynamo White  
Geranium, Zonal Fantasia White  
Helichrysum Silver Star  
Hibiscus Little Zin  
Impatiens, New Guinea Celebrette Red  
Impatiens, Double Fiesta Lavender Orchid  
Ipomoea SolarPower Black  
Ipomoea SolarPower Lime  
Lantana Landmark Blaze  
Lantana Landmark Peach Sunrise  
Lantana Landmark Sunrise Rose  
Lantana Lucky Peach  
MixMasters PowerPlay  
Petchoa SuperCal Velvet  
Petunia ColorRush Pink Star  
Petunia Glow Amethyst  
Petunia Glow Bright Red  
Petunia Glow Blue Stardust  
Petunia Glow Blue Vein  
Petunia Glow Cappuccino  
Petunia Glow Fire  
Petunia Glow Fluor Rose  
Petunia Glow Hot Pink  
Petunia Glow Lavender Shades  
Petunia Glow Ocean Blue  
Petunia Glow Peach Morn  
Petunia Glow Picotee Blue  
Petunia Glow Pink Morn  
Petunia Glow Purple  
Petunia Glow Rose Blush  
Petunia Glow Rose Stardust  
Petunia Glow Sky Blue  
Petunia Glow Snowy White  
Petunia Sun Spun Yellow  
Petunia Ragtime  
Petunia, Trailing Flash Mob Bluerific  
Petunia, Trailing Flash Mob Pinkceptional  
Petunia, Trailing Flash Mob Redtastic  
Petunia, Trailing Suncatcher Blue Burst  
Petunia, Trailing Suncatcher Burgundy  
Petunia, Trailing Suncatcher Hot Pink  
Petunia, Trailing Suncatcher Midnight Blue  
Petunia, Trailing Suncatcher Pink Lemonade  
Petunia, Trailing Suncatcher Plum Burst  
Petunia, Trailing Suncatcher Purple Rose  
Petunia, Trailing Suncatcher Red  
Petunia, Trailing Suncatcher Vintage Rose  
Petunia, Trailing Suncatcher White  
Petunia, Trailing Suncatcher Yellow  
Salvia Mystic Spires Blue  
Verbena EnduraScape Blue

RECOMMENDED REPLACEMENT

Argyranthemum Madeira Deep Pink  
Argyranthemum Madeira Red  
Argyranthemum Madeira White  
Argyranthemum Madeira Yellow  
Argyranthemum Madeira Crested Hot Pink  
Argyranthemum Madeira White  
Bacopa MegaCopa Blue  
Bacopa MegaCopa White  
Bacopa MegaCopa Blue  
Bacopa MegaCopa White  
Bracteantha Dreamtime Yellow  
Calibrachoa Cabaret Coral Kiss  
Calibrachoa Cabaret Bright Red  
Calibrachoa Can-Can Terracotta  
Calibrachoa Conga Orange Kiss  
Calibrachoa Conga Pink  
Diascia Juliet Pink  
Diascia Juliet Orange Improved  
Diascia Juliet White Improved  
None  
Gaura Belleza White Improved  
Geranium, Ivy Precision Pink Improved  
Geranium, Zonal Dynamo White Improved  
Geranium, Zonal Fantasia White Improved  
Helichrysum Licorice  
None  
Impatiens, New Guinea Celebrette Red Improved  
Impatiens, Double Fiesta Lavender Orchid Improved  
Ipomoea SolarPower Black Improved  
Ipomoea SolarPower Lime Improved  
Lantana Landmark Red  
Lantana Landmark Citrus  
Lantana Landmark Sunrise Rose Improved  
Lantana Lucky Sunrise Rose  
MixMasters Heartland  
Petchoa SuperCal Cherry  
Petunia ColorRush Pink Vein  
Petunia ColorBlitz Amethyst  
Petunia ColorBlitz Bright Red  
Petunia ColorBlitz Blue Stardust  
Petunia ColorBlitz Blue Stardust  
Petunia ColorBlitz Yellow  
Petunia ColorBlitz Fire  
Petunia ColorBlitz Purple  
Petunia ColorBlitz Pinkceptional  
Petunia ColorBlitz Lavender Shades  
Petunia ColorBlitz Ocean Blue  
Petunia ColorBlitz Pink Morn  
Petunia ColorBlitz Blue Stardust  
Petunia ColorBlitz Pink Morn  
Petunia ColorBlitz Purple  
Petunia ColorBlitz Redtastic  
Petunia ColorBlitz Rose Stardust  
Petunia ColorBlitz Sky Blue  
Petunia ColorBlitz Snowy White  
Petunia Sun Spun Yellow Improved  
Petunia Ragtime Improved  
Petunia ColorBlitz Bluerific  
Petunia ColorBlitz Pinkceptional  
Petunia ColorBlitz Redtastic  
Petunia ColorBlitz Blue Stardust  
Petunia ColorBlitz Purple  
Petunia ColorBlitz Pinkceptional  
Petunia ColorBlitz Amethyst  
Petunia ColorBlitz Pink Morn  
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Petunia ColorBlitz Pink Morn  
Petunia ColorBlitz Snowy White  
Petunia ColorBlitz Yellow  
Salvia Mystic Spires Improved  
Verbena EnduraScape Blue Improved

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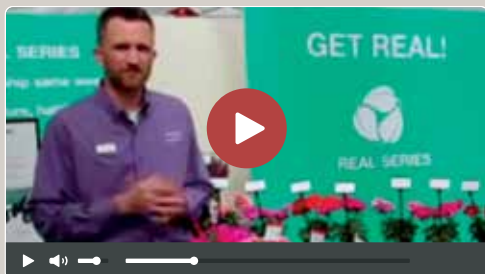
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