



2024

**selecta** <sup>one</sup>®

# Selective Growers

## GROW SELECTA ONE

*EnViva™*  
PETCHOA

**For the best qualities of petunias and calibrachoas —**

**NEW EnViva™** makes its debut as a series of large, colorful flowers dressed to impress in landscapes. They offer excellent cold/hot/rainy weather performance.



**NEW EnViva™**  
Pink Petchoa  
page 81

**For striking ingenuity in breeding —**

**NEW SweetSunshine™ Magenta Sky Double** is the FIRST Sky pattern in a double petunia! These durable, fully double blooms stand up to tough weather, with a semi-trailing habit that is ideal for hanging baskets.



**NEW SweetSunshine™**  
Magenta Sky Double Petunia  
page 89



**NEW MiniFamous® Uno**  
Pink Radiance Calibrachoa  
page 34

**For early-Spring premium options —**

**NEW MiniFamous® Uno Pink Radiance** displays gorgeous blooms that can hit the market early! This uniform series flowers early and continues to grow. Expect it to play a starring role in mixed containers and hanging baskets.





**I Love U**  
Dianthus and  
Pot Carnation  
page 111



**SuperTrouper™**  
Dianthus  
page 115

# NOW LANDING

## Your Proven Dianthus Supply Chain

We are the **ONLY USDA-approved** breeding company supplying you with 14 varieties of dianthus cuttings from offshore production into the U.S.

### Here's your opportunity to:

- Receive any quantity you need, all in one shipment.
- Offer your customers plants for every occasion.
- Keep your costs down and your profits up.



**Unrooted  
Cutting  
(URC)**



**Callused  
Cutting**

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# Terminology

## 24 Upgraded Variety

Varieties noted as 24 represent a significant improvement compared to last year's genetics.

## High Density

Varieties are especially suitable for high-density production and quick-turning crops. Mounding, compact habit, easy-to-control vigor and early flowering allow for high-density growing and shipping.

## Sun Lover

Varieties are especially suitable for hot areas and growing in warmer temperatures.

## No Pinch

Varieties mean savings on labor costs, less sanitary risk and shorter crop times.

## USDA Hardiness Zones

Information on USDA Hardiness Zones for our perennials is provided on a separate line and in bold type below the description of each variety, for your convenience.

## Key

Ⓥ Vigor	🕒 Flowering Time	☀️ Heat Tolerance
1 low	1 very early	A excellent
2 low-medium	2 early	B very good
3 medium	3 standard	C good
4 medium-high		
5 high		

# Heat up early Spring sales!

After a dreary Winter indoors, consumers are excited to get outside and plant! Cash in early with our premium varieties that:

- Command higher retail prices.
- Fit into your early shoulder season for performance.
- Boost profits with efficient, low-energy growing.
- Grab attention with colorful flowers at retail!

We recommend early-season stars, like bacopa (pg 29), calceolaria (pg 118), dianthus (pg 105), erysimum (pg 38), nemesia (pg 74) and osteospermum (pg 75).



NEW  
SuperTrouper  
Yellow 24  
Dianthus

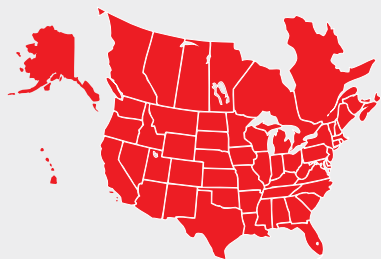


NEW Brightside  
Magenta Glow  
Erysimum



# Bringing Quality Liners to You

You'll save time and labor when you order rooted liners from Selecta One®.



## Trialed and Approved

Selecta One plants are **trialed and approved** at trial sites throughout North America. This strategy ensures the plants we recommend for your region will provide the excellent performance you expect.

Our expansive rooted liner network covers several regions, assuring you of a Root and Sell location, providing our innovative genetics, near you.



## Consistent Quality and Delivery

We use local truck shipments to deliver your order to you quickly, on time and in full. We'll even deliver right to your door.

Thanks to our dependable high order fill rate and consistent quality, you can rely on us to keep you on track and growing sooner this – and every – season.



### UNROOTED CUTTINGS (URCs)

All Selecta One varieties are available as URCs.



### ROOTED CUTTINGS

Selecta One varieties are available as rooted cuttings from Selecta One licensed Root & Sell Stations.



### AUTOSTIX® STRIP CUTTINGS

Same high-quality unrooted cuttings from Selecta One in a biodegradable strip for automated transplanting.



### CALLUSED CUTTINGS

Available in *Osteospermum*, the cuttings can be direct stuck to the finish container, so propagation is cut by 7 to 9 days.



### TRIXI®

Upgraded to customize the treatment of components, Trixi gives you a stronger start for a better finish of 100% complete and balanced color combos.

View additional product form information on page 132.

Introducing NEW Dynamix™

# Combination Inspiration!

Enhance your combination program with fresh ideas from Selecta One! These high-impact recipes feature ideal blends for every season, reason, size and style. Along with our pre-mixed Trixi® program, Selecta One has everything you need to create combinations that stun at retail!



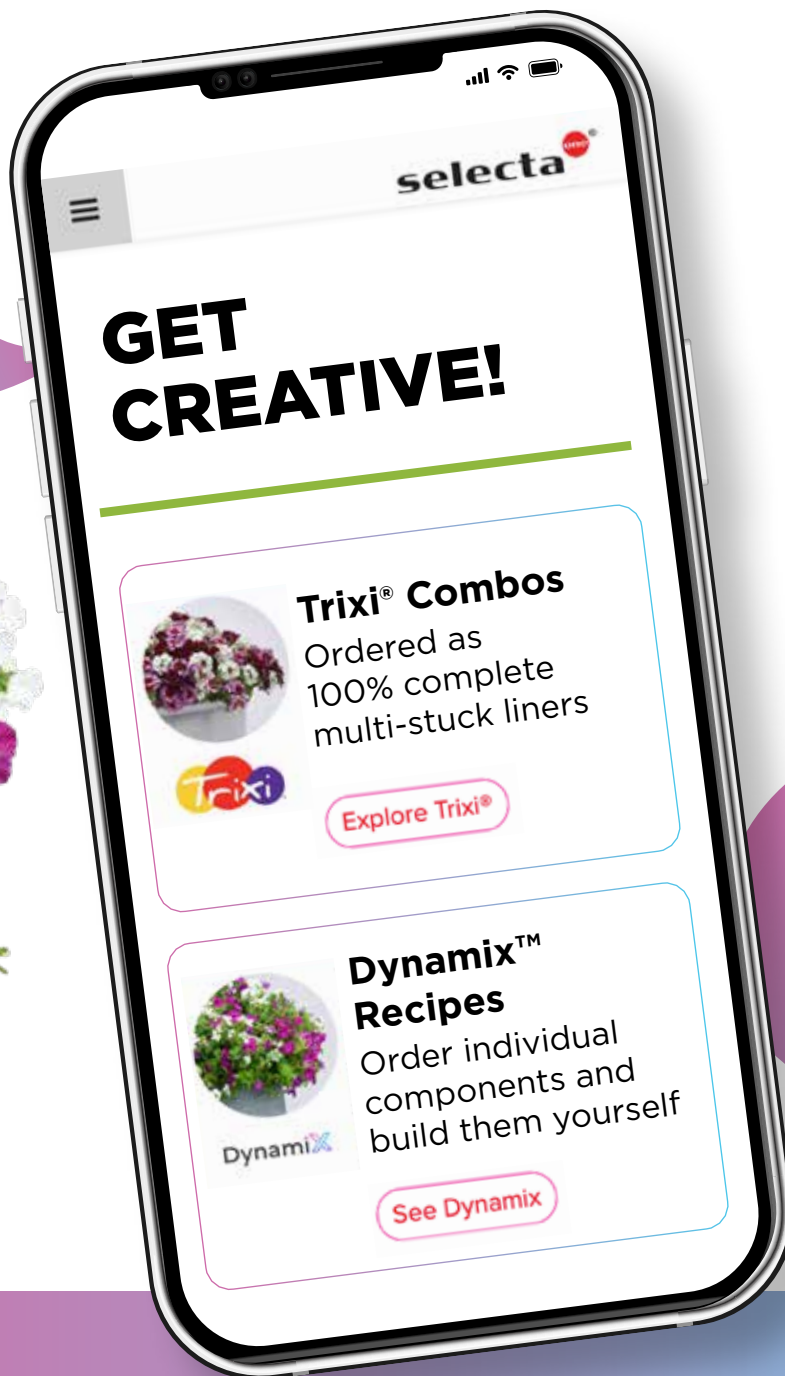
Headliner Enchanted Sky  
Petunia, SweetSunshine  
Magenta Petunia, Lascar  
White Verbena



Watch for Dynamix  
combo ideas throughout  
this catalog!



# DynamiX



- Designed for growers at all levels
- Flexibility to build the combinations yourself rather than ordering as a kit
- Proven to perform well at retail and for the end consumer



*Get in the mix!*





























## What's your DIY mix?

1. Get started at [selectanorthamerica.com/Dynamix](https://selectanorthamerica.com/Dynamix) and explore combinations based on exposure, seasonality, timing and color.
2. Order your components individually as liners or cuttings.
3. To plant, follow our easy "plantograms" found on the Dynamix web page.










# Trixi® Combos at a Glance

Our pre-mixed Trixi combos have been trialed and proven for their excellent performance. They are the best mixes of rooting stations nationwide. Ordered as 100% complete multi-stuck liner kits, your favorite Trixi mixes are available in a range of color combinations and classes.










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# NEW Trixi Combos That WOW



**NEW** Delight Up My Life



**NEW**  
Independence  
Day

**EnViva**  
PETCHOA™

## **NEW** Delight Up My Life

**VERY EARLY**

**MiniFamous® Uno** Double White Calibrachoa  
**MiniFamous® Uno** White Gold Calibrachoa  
**Tsavo™** Compact Yellow Sanvitalia

Ⓢ 2 Ⓢ 1 Ⓢ B

## **NEW** Independence Day

**SUN LOVER | EARLY**

**NEW** EnViva™ Blue Petchoa  
**NEW** EnViva™ Red Petchoa  
**NEW** EnViva™ White Petchoa

Ⓢ 3 Ⓢ 2 Ⓢ A

## **NEW** Red & White Forever

**SUN LOVER | EARLY**

**NEW** EnViva™ Red Petchoa  
**NEW** EnViva™ White Petchoa

Ⓢ 3 Ⓢ 2 Ⓢ A

## **NEW** Romance in Bloom

**EARLY**

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa  
**Headliner™** Strawberry Sky Petunia  
**Blues™** Red Verbena

Ⓢ 3 Ⓢ 2 Ⓢ B



**NEW**  
Red & White  
Forever





**NEW Sunshiny Day**

**EARLY**

**MiniFamous® Uno** White Gold Calibrachoa

**MiniFamous® Uno** Yellow+Red Vein Calibrachoa

**Lascar™** Orange Lava Verbena

Ⓢ 2 Ⓢ 2 Ⓢ B



**NEW** Sunshiny Day

**NEW Tight Ship**

**SUN LOVER | VERY EARLY**

**Tsavo™** Compact Yellow Sanvitalia

**Gisele®** Red Phlox

Ⓢ 2 Ⓢ 1 Ⓢ A



**NEW** Tight Ship

**NEW Whimsical Wonder**

**VERY EARLY**

**NEW Whimsy™** Deep Rose Nemesia

**NEW Whimsy™** Red Nemesia

**NEW Whimsy™** Yellow Nemesia

Ⓢ 2 Ⓢ 1 Ⓢ C



**NEW** Whimsical Wonder



**NEW**  
Romance  
in Bloom



### Popular Demand

**VERY EARLY**

**MiniFamous® Neo** Double Deep Yellow Calibrachoa

**MiniFamous® Uno** Violet Star Calibrachoa

**Daisy Falls™** Purple Osteospermum

✓ 4 🕒 1 🌿 B



### Daisy Falls

**VERY EARLY**

**Daisy Falls™** Pink Osteospermum

**Daisy Falls™** Purple Osteospermum

**Daisy Falls™** White Amethyst Osteospermum

✓ 4 🕒 1 🌿 B



### Daisy Dance

**VERY EARLY**

**MiniFamous® Neo** Orange+Red Eye Calibrachoa

**Daisy Falls™** Purple Osteospermum

**Lascar™** Mango Orange Verbena

✓ 4 🕒 1 🌿 B



### Enchanted Evening

**EARLY**

**MiniFamous® Uno** White Calibrachoa

**Headliner™** Enchanted Sky Petunia

**Blues™** Purple+Eye Verbena

✓ 2 🕒 2 🌿 B





### Written in the Stars

EARLY

**MiniFamous® Neo** Deep Yellow Calibrachoa

**MiniFamous® Uno** Violet Star Calibrachoa

Ⓥ3 Ⓢ2 ⓈB



### Out of the Blue

VERY EARLY

**Namid™** Early Yellow Bidens

**Magadi™** Dark Blue Lobelia

**Lascar™** White Verbena

Ⓥ2 Ⓢ1 ⓈC



### Flirtini

EARLY

**MiniFamous® Neo** Double Amethyst Calibrachoa

**MiniFamous® Neo** Double Lemon Calibrachoa

**MiniFamous® Uno** Double Light Pink Calibrachoa

Ⓥ3 Ⓢ2 ⓈB





### **Bolero**

**EARLY**

**MiniFamous® Neo** Dark Blue Calibrachoa

**MiniFamous® Neo** Deep Yellow Calibrachoa

**MiniFamous® Neo** Vampire Calibrachoa

☐ 3 ☐ 2 ☐ B



### **Cajun Flare**

**VERY EARLY**

**Namid™** Early Yellow Bidens

**Starlet™** Blueberry Vein Petunia

**Lascar™** Burgundy Verbena

☐ 2 ☐ 1 ☐ B



### **Night Watch**

**EARLY**

**Namid™** Special Yellow Bidens

**Starlet™** Velvet Petunia

**Blues™** Red Verbena

☐ 2 ☐ 2 ☐ B



**Crazy for Crayons**

**VERY EARLY**

**Namid™** Early Yellow Bidens

**MiniFamous® Neo** Dark Blue Calibrachoa

**Lascar™** Burgundy Verbena

Ⓥ 3 Ⓢ 1 Ⓢ B



**La Bomba**

**EARLY**

**Namid™** Early Yellow Bidens

**MiniFamous® Neo** Dark Blue Calibrachoa

**Headliner™** Red Petunia

Ⓥ 4 Ⓢ 2 Ⓢ B



**Pop the Bubbly**

**EARLY**

**Namid™** Early Yellow Bidens

**Starlet™** Yellow Petunia

**Lascar™** White Verbena

Ⓥ 2 Ⓢ 2 Ⓢ C





TOP  
SELLER



### Double Date

EARLY

**MiniFamous® Neo** Double Dark Blue Calibrachoa  
**MiniFamous® Neo** Double Deep Yellow Calibrachoa  
**MiniFamous® Uno** Double Red Calibrachoa

Ⓟ 3 ⌚ 2 🌀 B

TOP  
SELLER



### Gold & Bold

EARLY

**MiniFamous® Neo** Dark Blue Calibrachoa  
**MiniFamous® Neo** Deep Yellow Calibrachoa  
**MiniFamous® Neo** Purple Calibrachoa

Ⓟ 3 ⌚ 2 🌀 B



TOP  
SELLER



**Lollipop**

**EARLY**

**MiniFamous® Neo** Blue Calibrachoa

**MiniFamous® Neo** Deep Yellow Calibrachoa

**MiniFamous® Neo** Pink Calibrachoa

☑ 3 ☑ 2 ☑ B



**Lip Sync**

**VERY EARLY**

**MiniFamous® Uno** Yellow Calibrachoa

**Magadi™** Dark Blue Lobelia

**Headliner™** Lipstick Petunia

☑ 4 ☑ 1 ☑ B



**Charged Up Cherry!**

**EARLY**

**MiniFamous® Neo** Double Lemon Calibrachoa

**MiniFamous® Neo** Pink Hawaii Calibrachoa

**Blues™** Magenta+Eye Verbena

☑ 2 ☑ 2 ☑ B



### Who Knew Orleans

**EARLY**

**MiniFamous® Uno** Yellow+Red Vein Calibrachoa

**Headliner™** Red Petunia

**Lascar™** Mango Orange Verbena

⓪ 4 ⌚ 2 🌀 B



### Sunset

**EARLY**

**MiniFamous® Neo** Deep Orange Calibrachoa

**MiniFamous® Neo** Vampire Calibrachoa

**MiniFamous® Uno** Yellow Calibrachoa

⓪ 3 ⌚ 2 🌀 B



TOP  
SELLER



### Caribbean Cocktail

EARLY

**MiniFamous® Neo** Blue Calibrachoa

**MiniFamous® Neo** Orange+Red Eye Calibrachoa

**MiniFamous® Neo** Vampire Calibrachoa

⓪ 3 ⌚ 2 Ⓢ B



### Double The Heat

VERY EARLY

**MiniFamous® Neo** Double OrangeTastic Calibrachoa

**MiniFamous® Uno** Double Red Calibrachoa

⓪ 3 ⌚ 1 Ⓢ B



### Batting Eyes

EARLY

**MiniFamous® Neo** Orange+Red Eye Calibrachoa

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa

**MiniFamous® Uno** Yellow+Red Vein Calibrachoa

⓪ 3 ⌚ 2 Ⓢ B





**NEW**

### Can't Be Beat 24

**HIGH DENSITY | NO PINCH | VERY EARLY**

**NEW Beats™** Bright Purple Verbena

**Beats™** Purple+White Verbena

**Beats™** White Verbena

✓ 1 🕒 1 🌱 B

**TOP  
SELLER**



### Geisha Girl

**EARLY**

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa

**Headliner™** Red Petunia

**Lascar™** Red Rose Verbena

✓ 4 🕒 2 🌱 B



### Heartbeat

**HIGH DENSITY | NO PINCH | VERY EARLY**

**Beats™** Red Verbena

**Beats™** Red+White Verbena

✓ 1 🕒 1 🌱 B



### Two to Tango

**EARLY**

**MiniFamous® Neo** Double Purple Calibrachoa

**MiniFamous® Uno** Double PinkTastic Calibrachoa

✓ 3 🕒 2 🌱 B

TOP  
SELLER



### Strawberry Shortcake

VERY EARLY

**Big Falls™** Trixi White Bacopa

**MiniFamous® Neo** Light Pink+Eye Calibrachoa

**Lascar™** Burgundy Verbena

☑ 4 ☑ 1 ☑ B



### Berry Daring

EARLY

**MiniFamous® Neo** Dark Blue Calibrachoa

**MiniFamous® Neo** Purple Calibrachoa

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa

☑ 3 ☑ 2 ☑ B



### Hotter than You Pink

EARLY

**Headliner™** Lipstick Petunia

**Headliner™** Pink Vein Petunia

**Headliner™** White Petunia

☑ 4 ☑ 2 ☑ B



### You PINKed My Interest

VERY EARLY

**Gisele®** Hot Pink Phlox

**Gisele®** Pink Phlox

**Gisele®** White Phlox

☑ 2 ☑ 1 ☑ A





TOP  
SELLER



### Raspberry Sorbet

EARLY

**MiniFamous® Neo** White Calibrachoa

**Starlet™** Magenta Star Petunia

**Blues™** Magenta+Eye Verbena

🌱 2 🕒 2 🌀 B

TOP  
SELLER



### Cherry Kiss

EARLY

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa

**Headliner™** Lipstick Petunia

**Blues™** Light Pink+Eye Verbena

🌱 4 🕒 2 🌀 B



### Twice As Nice

EARLY

**MiniFamous® Neo** Double Dark Blue Calibrachoa

**MiniFamous® Neo** Double Purple Calibrachoa

**MiniFamous® Uno** Double Red Calibrachoa

🌱 3 🕒 2 🌀 B



### Wild Berry

EARLY

**MiniFamous® Neo** Blue Calibrachoa

**MiniFamous® Neo** Purple Calibrachoa

**MiniFamous® Neo** White Calibrachoa

🌱 3 🕒 2 🌀 B





### Double Take

VERY EARLY

**MiniFamous® Uno** Double Dark Blue Calibrachoa

**MiniFamous® Uno** Double PinkTastic Calibrachoa

**MiniFamous® Uno** Double Red Calibrachoa

Ⓥ 2 Ⓢ 1 Ⓢ B



### Chemical Attraction

VERY EARLY

**MiniFamous® Uno** White Calibrachoa

**Magadi™** Electric Purple Lobelia

**Headliner™** Electric Purple Sky Petunia

Ⓥ 4 Ⓢ 1 Ⓢ C



### Party Favor

EARLY

**MiniFamous® Neo** Blue Calibrachoa

**MiniFamous® Neo** Pink Calibrachoa

**MiniFamous® Neo** White Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



### Starspinner

EARLY

**MiniFamous® Uno** Pink Star Calibrachoa

**MiniFamous® Uno** Violet Star Calibrachoa

Ⓥ 2 Ⓢ 2 Ⓢ B



### Blueberry Parfait 24

EARLY

**NEW** Big Falls™ Trixi White Bacopa  
**MiniFamous® Neo** Light Blue Calibrachoa  
**Blues™** Light Pink+Eye Verbena

⓪ 4 Ⓜ 2 Ⓢ B



### Break the Ice

EARLY

**MiniFamous® Neo** Blue Calibrachoa  
**MiniFamous® Neo** Double Silver Blue Calibrachoa  
**MiniFamous® Neo** Violet Ice Calibrachoa

⓪ 2 Ⓜ 2 Ⓢ B



### Purple Lace

EARLY

**MiniFamous® Neo** Dark Blue Calibrachoa  
**MiniFamous® Neo** Double PlumTastic Calibrachoa  
**Blues™** Lavender+Eye Verbena

⓪ 2 Ⓜ 2 Ⓢ B



### Sky's the Limit

EARLY

**Headliner™** Night Sky® Petunia  
**Headliner™** Sky Blue Petunia  
**Headliner™** White Petunia

⓪ 4 Ⓜ 2 Ⓢ B





**Purple with a Purpose**

**EARLY**

**MiniFamous® Neo** Dark Blue Calibrachoa  
**MiniFamous® Neo** Light Blue Calibrachoa  
**MiniFamous® Neo** White Calibrachoa

☑ 3 ☑ 2 ☑ B



**Crystallize**

**EARLY**

**Headliner™** Crystal Sky Petunia  
**Headliner™** Night Sky® Petunia

☑ 4 ☑ 2 ☑ B



**Starlight Starbright**

**EARLY**

**MiniFamous® Neo** Blue Calibrachoa  
**Headliner™** Blackberry Vein Petunia  
**Blues™** Lavender+Eye Verbena

☑ 3 ☑ 2 ☑ B



**On the Double**

**VERY EARLY**

**MiniFamous® Neo** Double PlumTastic Calibrachoa  
**MiniFamous® Uno** Double Dark Blue Calibrachoa

☑ 2 ☑ 1 ☑ B



TOP  
SELLER



### Old Glory

EARLY

**MiniFamous® Neo** Dark Blue Calibrachoa

**MiniFamous® Neo** Vampire Calibrachoa

**MiniFamous® Neo** White Calibrachoa

Ⓟ 3 Ⓟ 2 Ⓟ B



NEW

### Ball Game 24

EARLY

**NEW Headliner™** Blue 24 Petunia

**Headliner™** Red Petunia

**Headliner™** White Petunia

Ⓟ 4 Ⓟ 2 Ⓟ B



### Walk on a Cloud

EARLY

**Magadi™ Basket** White Lobelia

**Starlet™** White Petunia

**Lascar™** White Verbena

Ⓟ 2 Ⓟ 2 Ⓟ C



TOP  
SELLER



### Liberty Bell

EARLY

**MiniFamous® Neo** Dark Blue Calibrachoa

**Headliner™** Red Petunia

**Lascar™** White Verbena

Ⓥ4 Ⓢ2 ⓈA



### Little Liberty

HIGH DENSITY | NO PINCH | VERY EARLY

**Beats™** Blue Verbena

**Beats™** Red Verbena

**Beats™** White Verbena

Ⓥ1 Ⓢ1 ⓈB



### Star Spangled Glamour

VERY EARLY

**MiniFamous® Uno** Double Dark Blue Calibrachoa

**MiniFamous® Uno** Double Red Calibrachoa

**MiniFamous® Uno** Double White Calibrachoa

Ⓥ2 Ⓢ1 ⓈB



### True North

VERY EARLY

**MiniFamous® Uno** Double Red Calibrachoa

**MiniFamous® Uno** Double White Calibrachoa

Ⓥ2 Ⓢ1 ⓈB



# Culture Information for TrixiLiner®



## Starting with TrixiLiner

*After their arrival, open the boxes and plant TrixiLiner as soon as possible. TrixiLiner can be temporarily stored in the trays. Take trays out of the box and place them on a table in the greenhouse with sufficient light and temperature. Avoid keeping them in too harsh a climate, as this may negatively influence rooting and branching after transplant.*

## Growing On

**Scheduling:** TrixiLiner is a quick-to-finish crop and should not be started too early. Consider the climate for your specific area and how it may influence scheduling; know your desired sales date. Depending on the time of the season, calculate for quarts and 6-inch pots with 5 to 7 weeks using 1 plant per pot. For gallons and 8-inch pots, use 2 plants per pot and calculate with 5 to 7 weeks as well. For 10-inch baskets, use 2 to 3 plants, and for 12-inch baskets, use 3 to 4 plants per pot and calculate with 8 to 12 weeks, depending on the time of the season and the desired size.

**Preparation:** Have the growing area ready prior to arrival of TrixiLiners. Thoroughly clean and disinfect the area, and use only new pots and fresh, high-quality media. If you notice any problems upon arrival, make sure to notify your supplier immediately.

**Media:** Choose a well-drained, aerated, peat-moss-based media.

**pH:** 5.4-5.8; pH levels above 6.0 may result in deficiencies (calibrachoa are in most mixes).

**Media EC:** 1.0-1.5 to start with; high salt levels may result in slower and irregular rooting.

**Getting Ready:** Moisten finish media before transplanting, but avoid saturating the media. Best, if possible, to water the pots the day before planting. Before transplanting, thoroughly water the TrixiLiner until media is saturated.

**Transplanting:** Plant into the finish container by dibbling a hole. Plant the TrixiLiner deep enough so the rooting media is level with the media in the container. Avoid planting too deep, as this will promote diseases, and avoid planting too high, as this will dry out the cutting much quicker.

**Temperature:** After transplanting the TrixiLiner, keep the temperature up. Maintain night temperatures of 61-64°F (16-18°C) and day temperatures of 68-72°F (20-22°C) until plants have nicely branched, covering almost all the media surface of your pot, and have rooted well into the new media. Afterwards, lower temperatures to 55-60°F (13-16°C) and day temperatures of 64-72°F (18-22°C). Cool morning drops will result in a better plant habit and nicer colors. Drop temperature 2 hours before sunrise by 8-12°F (-13 to -11°C) until about 2 hours after sunrise. Flowering will not be delayed as long as the average day temperature is maintained consistently. In order to keep the average day temperature up during cold and cloudy days, you may want to raise the night temperature. Toward the end of the crop, you can lower the temperature further to 55-60°F (13-16°C) day and night.

**Humidity:** Below 70%.

**Ventilation:** Proper venting is one of the most important tools for preventing diseases (especially botrytis). Horizontal air flow fans will greatly improve results, especially in areas where venting during the Winter is difficult.

**Light:** High light levels promote compact growth. Provide 4,000 - to maximum 5,000 - foot candles during the main growing period.

**Watering:** Start with a moist media (wet, but not saturated); slightly water the TrixiLiner after transplant, but avoid saturation of media. Avoid excessive irrigation until after roots have established, keep the media constantly moist (but not saturated), and avoid going from one extreme to the other (from dry to wet and so on). Water in the morning so foliage is dry during the night. Excessive watering will leach out nutrients and raise the pH, resulting in nutrition deficiencies (especially iron = Fe) and root diseases. Don't allow plants to dry out. Drought stress will increase crop time and may raise the salt level, which may burn the roots, promoting root diseases.

**Fertilizer:** Start a constant feed program as soon as roots show with 200-250 PPM N, using a well-balanced fertilizer, including minor elements (especially Fe). Acid-based fertilizers will help to maintain pH levels below 6.0. Additional iron may be needed if pH levels rise above 6.0. Provide sufficient drainage to avoid excess salt accumulation. Optimum media EC levels are 1.8-2.2. Avoid high salt levels and fertilize in the morning. High salt levels or applications during high light levels and heat may result in burns. Use slow-release fertilizers to keep plants green at retail and at consumer.

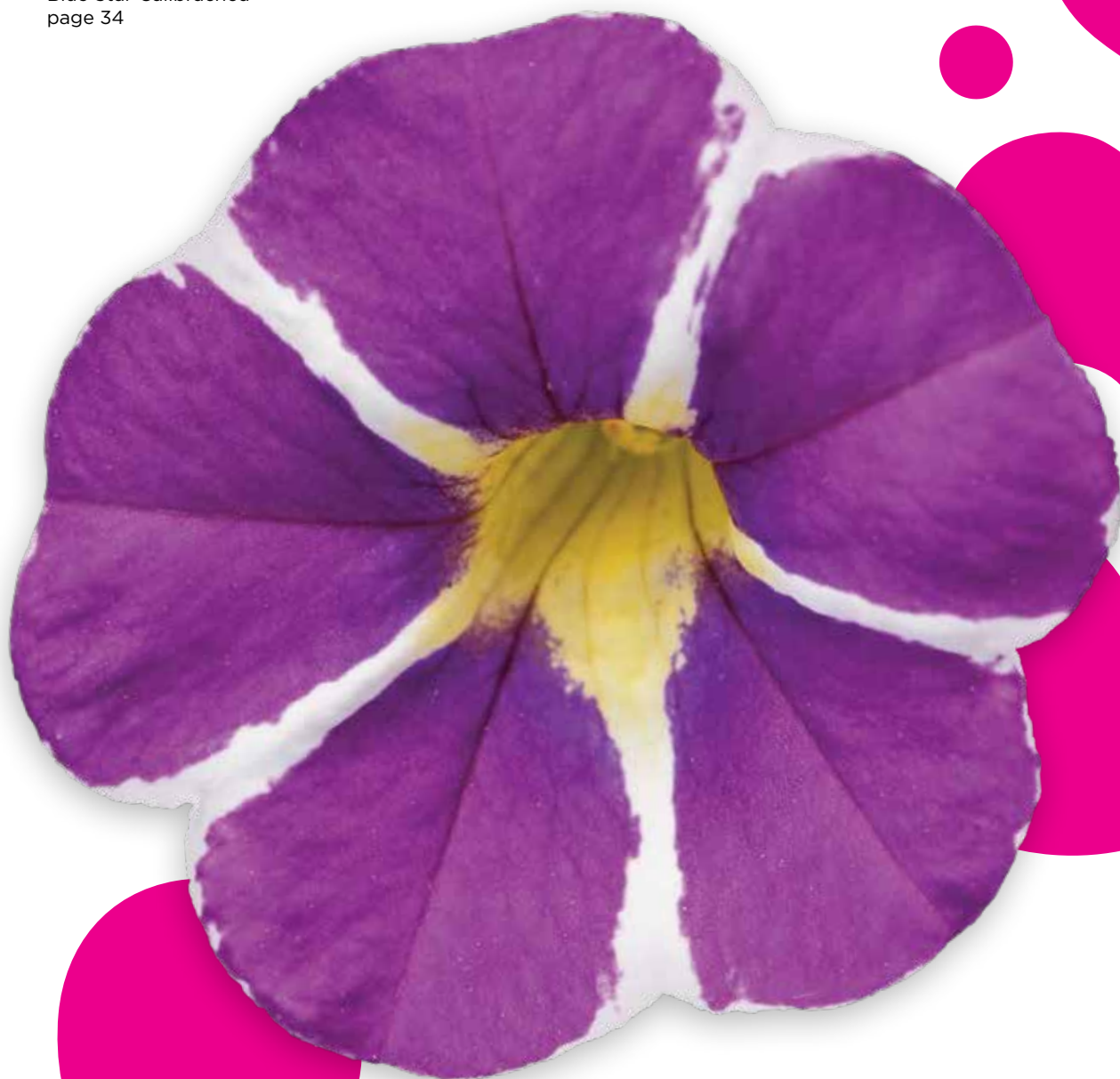
**Pinching:** TrixiLiner is pinched and a 2nd pinch is recommended. The 2nd pinch will improve branching and help to better fill larger pots and containers. Avoid stretch, which leads to poor branching and an unstable plant (and you may have to pinch another time).

**Spacing:** Start pot tight (2 finger spacing!) and space before plants start to touch each other. Provide enough space so plants don't grow into each other, reducing the overall quality. An additional pinch to correct late spacing will extend the crop time! Hanging the baskets will improve the overall look.

**PGR:** Sprays with 2,500 PPM B-Nine or 5-20 PPM Sumagic can start about a week after transplant. Drenching the TrixiLiner works very well. For pots, use 0.25-0.5 PPM Sumagic as a drench the moment side shoots are about 1 inch long. Apply the drench before lowering the temperature of the crop. Baskets will get 1 or 2 more sprays when side shoots are about 1 inch long. Drench baskets with 2-4 PPM Bonzi when plants reach about 50-75% of the desired size. More spray application or a second drench application can be applied, if necessary. For very vigorous mixes, increasing the drench rates is recommended. Late PGR applications may delay the crop, especially when using B-Nine or Florel.

**Pests and Diseases:** Aphids (TMV virus vector), Thrips (TOSPO virus vector), Pythium, Botrytis, and Thielaviopsis. Always follow the labels.





# ANNUALS

## Key

### ⑤ Vigor

- 1 low
- 2 low-medium
- 3 medium
- 4 medium-high
- 5 high



### Flowering Time

- 1 very early
- 2 early
- 3 standard



### Heat Tolerance

- A excellent
- B very good
- C good

## New Burgundy Glow Ajuga

*Ajuga reptans*

**COMPACT VIGOR | SPREADING**  
**HIGH DENSITY | SUN LOVER**

- Striking variegated leaves in shades of white, purple, rose and green
- Adds contrast with dark foliage in mixed containers
- Leaves change to deep bronze in the Fall
- Provides a spreading groundcover in a dark chocolate brown color

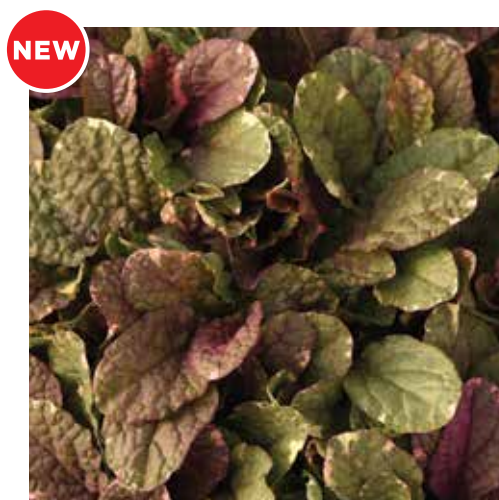
**Height:** 3 to 6 in. (8 to 15 cm)

**Spread:** 18 to 36 in. (46 to 91 cm)

**USDA Hardiness Zone:** 3a to 9b

**Ideal Pot Sizes:** Packs, Quarts

**Uses:** Pots, Combos, Landscapes



Burgundy Glow

Ⓟ 2 Ⓡ 3 Ⓢ B

## NEW Chocolate Chip Ajuga

*Ajuga x tenorii*

**COMPACT VIGOR | SPREADING**  
**HIGH DENSITY | SUN LOVER**

- Features miniature rounded leaves
- Attracts hummingbirds
- Excellent for small spaces, at garden's edge or in rock gardens
- Disease resistant

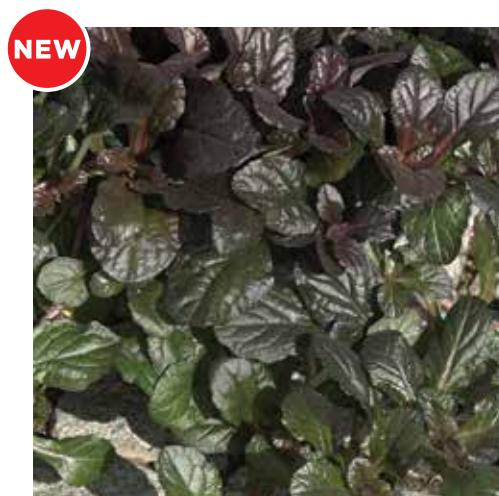
**Height:** 4 in. (10 cm)

**Spread:** 6 to 9 in. (15 to 23 cm)

**USDA Hardiness Zone:** 3a to 9b

**Ideal Pot Sizes:** Packs, Quarts

**Uses:** Pots, Combos, Landscapes



Chocolate Chip

Ⓟ 2 Ⓡ 3 Ⓢ B



# Big Falls™ Bacopa

*Sutera grandiflora*

## COMPACT VIGOR | SEMI-TRAILING

- Series improvements this year in all colors!
- Better branching
- Larger blooms
- Shorter crop time
- More controlled habit

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots, Baskets, Combos



**Big Falls Trixi White** is our top pick for making mixes. The larger vigor ensures it won't get overtaken by other components.

NEW



White 24

Ⓥ2 Ⓢ1 ⓈB

NEW



Pink+Rose Eye

Ⓥ2 Ⓢ1 ⓈB

NEW



Pearl 24

Ⓥ2 Ⓢ1 ⓈB

NEW



Dark Pink 24

Ⓥ2 Ⓢ1 ⓈB

NEW



Dark Blue 24

Ⓥ2 Ⓢ1 ⓈB



Trixi White

Ⓥ3 Ⓢ1 ⓈB

# Orange Lantern Begonia

*Begonia boliviensis*

## MEDIUM VIGOR | SEMI-TRAILING

## HIGH DENSITY | SUN LOVER

- Upright, super-dense habit – won't fall apart
- Compact for small pots and baskets
- Bright orange color against dark foliage
- Dependable supply chain

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Baskets



Orange Lantern

Ⓥ2 Ⓢ1 ⓈA

# Mistral® Begonia

*Begonia boliviensis*

**MEDIUM VIGOR | SEMI-TRAILING | SUN LOVER**

- Excellent branching
- The BEST begonia for hanging baskets
- Large, eye-catching flowers
- Heat and drought tolerant

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Baskets



**Mistral**  
Yellow



Yellow

Ⓥ 2 Ⓢ 2 Ⓢ B



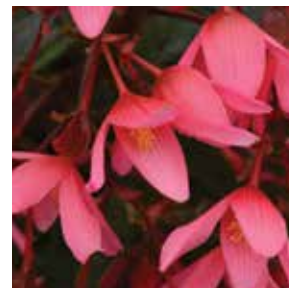
Double Orange

Ⓥ 2 Ⓢ 2 Ⓢ B



Orange

Ⓥ 3 Ⓢ 2 Ⓢ B



Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Dark Red

Ⓥ 4 Ⓢ 2 Ⓢ B

# Compact Double Apricot Begonia

*Begonia boliviensis*

**COMPACT VIGOR | MOUNDED | SUN LOVER**

- Strong performer in small pots
- Attractive, two-toned blooms
- Dark, serrated foliage

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets



Compact Double Apricot

Ⓥ 1 Ⓢ 2 Ⓢ B



# Namid™ Bidens

*Bidens ferulifolia*

- Fills all your bidens needs
- Strong, well-branched varieties
- Controlled growth
- Long flower performance

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

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

## Compact Yellow

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots

## Early Yellow

**MEDIUM VIGOR | UPRIGHT**

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Baskets, Combos

## Special Yellow

**LARGE VIGOR | SPREADING**

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Baskets

## Red+Yellow Eye

**MEDIUM VIGOR | SEMI-TRAILING**

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos



Compact Yellow

Ⓟ 1 Ⓢ 1 Ⓢ B



Early Yellow

Ⓟ 3 Ⓢ 1 Ⓢ A



Special Yellow

Ⓟ 2 Ⓢ 2 Ⓢ B



Red+Yellow Eye

Ⓟ 2 Ⓢ 2 Ⓢ B



Trixi **La Bomba**  
Featuring **Namid** Early Yellow



**Compact Yellow** is the go-to Southern mix component! It won't overgrow the other components. **Special Yellow** is ideal for mixing in the North. Its spreading habit with larger vigor can be controlled with minimal PGRs.

# Mohave™ Bracteantha

*Bracteantha bracteata*

**MEDIUM VIGOR | MOUNDED**  
**HIGH DENSITY | NO PINCH**

- Blooms from Spring to Fall
- Superior branching
- Big, brilliant flowers
- Try Basket Yellow in mixes!

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

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

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Baskets

**NEW**



White 24

Ⓥ3 Ⓢ2 ⓈB

**NEW**



Fire Red

Ⓥ3 Ⓢ2 ⓈB



Yellow

Ⓥ3 Ⓢ2 ⓈA



Basket Yellow

Ⓥ3 Ⓢ2 ⓈA



Apricot

Ⓥ3 Ⓢ2 ⓈB



Pink

Ⓥ3 Ⓢ2 ⓈB



Purple Red

Ⓥ2 Ⓢ2 ⓈB



**Basket Yellow** is a surprising yellow element for mixes. Give it a try!

Mixed Container  
Featuring **Mohave** Yellow Bracteantha  
and **Lascar** Mango Orange Verbena



# Calibrachoa

For classic, reliable core colors and vibrant, new, showstopping hues — unique, surprising patterns, and Selecta One-exclusive Tastic double bicolors — plus, early finishing and reliable uniformity for quarts, gallons and baskets — **choose early, compact MiniFamous® Uno and medium-vigor MiniFamous® Neo.**

## COMPACT Vigor

pages 34-35



**NEW MiniFamous® Uno**  
Pink Radiance  
page 34

## MEDIUM Vigor

pages 36-37



**MiniFamous® Neo**  
Pink Hawaii  
page 37

# MiniFamous® Uno Calibrachoa

*Calibrachoa hybrida*

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**

- Early to finish, medium-compact series
- Uniformity in flower timing
- Classic core colors, doubles and stars
- Screened for powdery mildew resistance

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons,  
Larger than Gallons

**Uses:** Pots, Baskets, Combos

**NEW**



Pink Radiance

Ⓟ 2 Ⓢ 2 Ⓢ A

**NEW**



Rose+Eye

Ⓟ 2 Ⓢ 1 Ⓢ B

**NEW**



Blue Star

Ⓟ 2 Ⓢ 3 Ⓢ A



Double White

Ⓟ 2 Ⓢ 1 Ⓢ A



White

Ⓟ 2 Ⓢ 1 Ⓢ A



White Gold

Ⓟ 2 Ⓢ 1 Ⓢ A



**NEW MiniFamous Uno**  
Pink Radiance



Yellow

Ⓟ 3 Ⓢ 1 Ⓢ A





Yellow+Red Vein  
V2 C1 A



Orange+Red Vein  
V2 C1 A



Double Light Pink  
V2 C3 A



Double PinkTastic  
V2 C1 A



Pink Strike  
V2 C1 A



Pink  
V2 C1 A



Pink Star  
V3 C1 A



Double Orange Flame  
V2 C1 A



Red  
V1 C1 A



Double Red  
V2 C2 A



Violet Star  
V3 C1 B



Double Dark Blue  
V1 C2 A



Dark Blue  
V1 C1 A



Choose **MiniFamous Uno** for combinations when mixing with other compact, mounded and early components.

# MiniFamous<sup>®</sup> Neo Calibrachoa

*Calibrachoa cultivars*

## MEDIUM VIGOR | SEMI-TRAILING

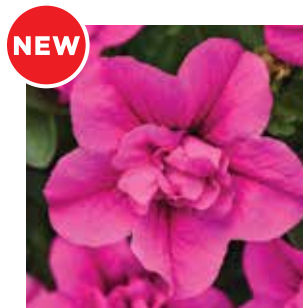
- Uniform habit
- Large, single and double blooms
- Exclusive double bicolors

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

**Spread:** 12 to 15 in. (30 to 38 cm)

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos



Double Pink 24

✓ 3 ⌚ 2 ⌘ A



Red Hawaii

✓ 3 ⌚ 1 ⌘ A



Double White

✓ 3 ⌚ 2 ⌘ A



White

✓ 4 ⌚ 3 ⌘ A



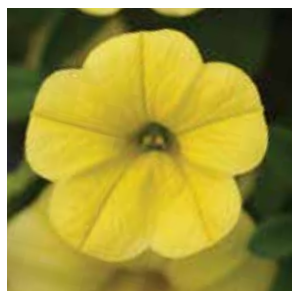
White+Yellow Eye

✓ 3 ⌚ 3 ⌘ A



Double Lemon

✓ 3 ⌚ 3 ⌘ A



Deep Yellow

✓ 3 ⌚ 3 ⌘ A



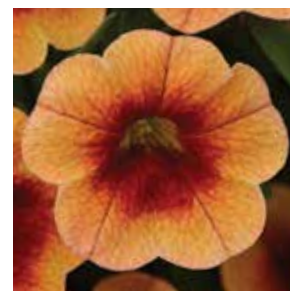
Double Deep Yellow

✓ 3 ⌚ 3 ⌘ A



Double OrangeTastic

✓ 3 ⌚ 2 ⌘ A



Orange+Red Eye

✓ 3 ⌚ 2 ⌘ A



Lava+Red Eye

✓ 2 ⌚ 1 ⌘ A



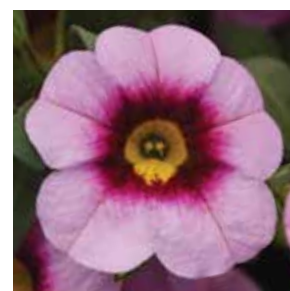
Deep Orange

✓ 3 ⌚ 1 ⌘ A



Light Pink

✓ 3 ⌚ 2 ⌘ A



Light Pink+Eye

✓ 2 ⌚ 1 ⌘ A





Salmon Pink+Eye  
V3 C2 A



Pink  
V3 C2 A



Pink Hawaii  
V3 C2 A



Double Red  
V3 C2 A



Vampire  
V3 C2 A



Violet Ice  
V3 C1 A



Double PlumTastic  
V3 C2 A



Light Blue  
V3 C1 A



Double Silver Blue  
V3 C2 A



Double Amethyst  
V3 C2 A



Blue  
V2 C2 B



Double Dark Blue  
V3 C3 B



Double Purple  
V3 C3 A



Purple  
V3 C2 A



Dark Blue  
V4 C1 A



Scan to watch a  
MiniFamous Neo Pink  
Hawaii video!

# NEW Brightside™ Erysimum

*Erysimum cultivars*

**MEDIUM VIGOR | UPRIGHT | EARLY SEASON**

- Medium vigor and bright colors
- Continuous blooming allows for a wider sales window – can be sold mid-February to June
- Reduced crop times, daylength neutral and no vernalization required
- Series offers more flowers, richer colors and better habits than standard erysimum

**Height:** 18 to 22 in. (46 to 56 cm)

**Spread:** 18 to 22 in. (46 to 56 cm)

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Landscapes

**NEW**



Lemon Glow

Ⓥ3 Ⓢ1 ⓈB

**NEW**



Dark Yellow

Ⓥ3 Ⓢ1 ⓈB

**NEW**



Orange Glow

Ⓥ1 Ⓢ2 ⓈB

**NEW**



Magenta Glow

Ⓥ2 Ⓢ2 ⓈB

**NEW**



Purple Glow

Ⓥ3 Ⓢ1 ⓈB



**NEW Brightside**  
Orange Glow



# Cuphea

*Cuphea hyssopifolia*

**MEDIUM VIGOR | MOUNDED | SUN LOVER**

- Fine, fernlike foliage
- Plethora of small blooms
- Heat loving and very easy to grow

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

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

**USDA Hardiness Zone:** 9b to 11

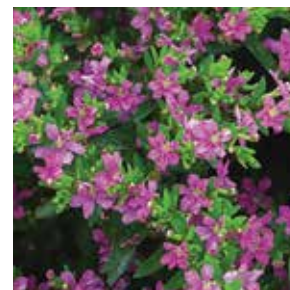
**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Landscapes



White

Ⓥ2 Ⓢ2 ⓈA



Pink

Ⓥ2 Ⓢ2 ⓈA



Purple

Ⓥ2 Ⓢ2 ⓈA

# Loreen™ Euphorbia

*Euphorbia hypericifolia*

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**

- Excellent branching
- Dense flowering
- Eye-catching displays at retail

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons

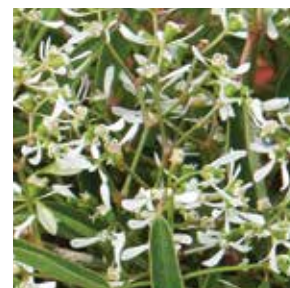
**Uses:** Pots, Combos

NEW



Compact White

Ⓥ2 Ⓢ1 ⓈA



Loreen White

Ⓥ3 Ⓢ2 ⓈA

# Variegata Glechoma

*Glechoma hederacea*

**LARGE VIGOR | TRAILING | SUN LOVER**

- Variegated, trailing perennial
- Excellent component in mixes
- Works well as a groundcover

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

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

**USDA Hardiness Zone:** 4b to 9a

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



Variegata

Ⓥ5 Ⓢ3 ⓈB

# Dahlia

Selecta One offers diversity in dahlias across five series, including Dahlita™, our compact, fastest-to-flower option! The lineup also includes Dahlietta® for quart pots; medium, dark-leaf City Lights™ and medium, green-leaf Dalaya® for gallons; and large, double-flowered Venti™ to fill your gallons or larger. One variety you won't want to miss is our top-selling Dalaya Fireball, a bright orange color on a novel anemone flower form.

## COMPACT Vigor

pages 42-45



**Dahlita™**  
Bright Red  
page 43



**Dahlietta®**  
Candy  
page 44

## MEDIUM Vigor

pages 46-47



**City Lights™**  
Golden Yellow  
page 46



**MEDIUM**  
Vigor

pages 46-47



**Dalaya®**  
Raspberry  
page 47

**LARGE**  
Vigor

page 49



**Venti™**  
Passion Fruit Dahlia  
page 49

Dahlita Red+Yellow Eye Dahlia





# Dahlita™ Dahlia

*Dahlia pinnata*

**COMPACT VIGOR | UPRIGHT | HIGH DENSITY**

- Most compact, fastest-to-flower dahlia
- Early sales, as soon as February 14
- Abundance of small, long-lasting blooms
- Versatile and space efficient
- Great for color bowls

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

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

**Ideal Pot Sizes:** Packs, Quarts

**Uses:** Baskets, Combos



White  
V1 ☺1 ⓈB



Yellow  
V1 ☺1 ⓈB



Purple+White Eye  
V1 ☺1 ⓈB



Rose Pink  
V1 ☺1 ⓈB



Red+Yellow Eye  
V1 ☺1 ⓈB



**Dahlita**  
Bright Red



Bright Red  
V1 ☺1 ⓈB

# Dahlietta® Dahlia

*Dahlia pinnata*

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**

- Uniform series for early sales
- Flowers in as little as 7 weeks
- Wide range of colors and patterns
- Best-in-class, easy-to-grow assortment

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

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

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots



**Dahlietta**  
Candy





Blanca  
V2 ☺1



Shirley  
V2 ☺2



Julia  
V2 ☺1



Coby  
V2 ☺1



Candy  
V2 ☺2



Emily  
V2 ☺1



Paula  
V2 ☺2



Louise  
V2 ☺1



Anna  
V2 ☺1



Rachel  
V2 ☺1



Tessy  
V2 ☺1



Patty  
V2 ☺1



Scan to  
watch a  
video about  
our Dahlia  
lineup!

# City Lights™ Dahlia

*Dahlia hybrida*

## MEDIUM VIGOR | UPRIGHT

- Dark leaves contrast with bright blooms
- Habit and vigor match Dalaya®
- Magnet for butterflies and birds
- Well-branched garden powerhouse

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



Golden Yellow

Ⓟ 3 Ⓢ 2 Ⓢ A



Lavender Pink

Ⓟ 3 Ⓢ 2 Ⓢ A



Neon

Ⓟ 3 Ⓢ 3 Ⓢ A



Orange

Ⓟ 4 Ⓢ 2 Ⓢ A



Red

Ⓟ 3 Ⓢ 2 Ⓢ A



Purple

Ⓟ 3 Ⓢ 3 Ⓢ A



**City Lights**  
Golden Yellow



# Dalaya® Dahlia

*Dahlia hybrida*

**MEDIUM VIGOR | UPRIGHT | SUN LOVER**

- Green leaves
- Big blooms; exotic bicolors
- Top choice for the garden
- Well-branched, exceptional habit

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



White  
V3 L3 B C



Yellow  
V3 L2 B C



Yellow+Red Eye  
V3 L2 B



Apricot  
V4 L2 B A



Pink+Lemon  
V4 L2 B



Pink+White  
V4 L2 B A



Pink+Rose Eye  
V4 L2 B



Red+Yellow Eye  
V3 L2 B A

TOP  
SELLER



Fireball  
V3 L3 B



Raspberry  
V3 L2 B A



Vampire  
V3 L3 B A



Purple+White  
V3 L3 B







# Venti™ Dahlia

*Dahlia pinnata*

**LARGE VIGOR | UPRIGHT | SUN LOVER**

- Our most vigorous dahlia series
- Core colors and bicolors on double blooms
- More controlled habit than competition
- Top pick for “thriller” in combos

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



**Venti Dahlia** looks fantastic as a “thriller” item in combinations.

**NEW**



Royal Purple 24

Ⓟ 4 Ⓢ 3 Ⓢ B



Pink+White Eye

Ⓟ 3 Ⓢ 2 Ⓢ B



Passion Fruit

Ⓟ 5 Ⓢ 3 Ⓢ B



Light Rose

Ⓟ 4 Ⓢ 3 Ⓢ C



Lemon

Ⓟ 4 Ⓢ 2 Ⓢ B



Golden Yellow

Ⓟ 4 Ⓢ 2 Ⓢ A



Tequila Sunrise

Ⓟ 3 Ⓢ 2 Ⓢ A



Mango

Ⓟ 4 Ⓢ 3 Ⓢ A



Red+White

Ⓟ 3 Ⓢ 3 Ⓢ A



**Venti**  
Tequila Sunrise

# Bellinto™ Fuchsia

*Fuchsia cultivars*

## TRAILING

- Day neutral
- Free flowering
- Easy to grow

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

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



**Bellinto**  
Red+Blue

## Compact Red+White

### COMPACT VIGOR | HIGH DENSITY

**Ideal Pot Sizes:** Gallons

**Uses:** Pots, Baskets



Compact Red+White

Ⓟ 2 Ⓢ 2 Ⓢ B



Compact Red+Violet

Ⓟ 2 Ⓢ 2 Ⓢ B

## Compact Red+Violet

### COMPACT VIGOR | HIGH DENSITY

**Ideal Pot Sizes:** Gallons

**Uses:** Pots, Baskets

## Red+White

### MEDIUM VIGOR

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Baskets



Red+White

Ⓟ 3 Ⓢ 2 Ⓢ B



Red+Blue

Ⓟ 3 Ⓢ 2 Ⓢ B

## Red+Blue

### MEDIUM VIGOR

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Baskets



# Piccadilly™ Diascia

*Diascia cultivars*

**MEDIUM VIGOR | MOUNDED | HIGH DENSITY**

- Early-flowering plants
- Large flowers on short stems
- Performs best in cool weather
- Extended color range

**Height:** 7 to 9 in. (18 to 23 cm)

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

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Baskets, Combos



White

Ⓥ3 Ⓢ1 ⓈB



Appleblossom

Ⓥ3 Ⓢ1 ⓈB



Dark Salmon

Ⓥ3 Ⓢ1 ⓈB



Pink

Ⓥ3 Ⓢ1 ⓈB



Dark Red

Ⓥ3 Ⓢ1 ⓈB



Mixed Container Featuring:  
**Piccadilly** Dark Salmon

Super Moon Red Zonal Geranium





# Geranium

Selecta One offers a well-rounded geranium selection backed by leading European breeding and production from our consistent, reliable farm in Kenya. Choose from zonal, ivy and interspecific geraniums, available in a wide range of colors that work great in containers, combos, hanging baskets and the landscape. Plus, our wide selection of sizes will help you find the best options for your program.

## COMPACT Vigor

pages 54-55, 61



**Moonlight™**  
Dark Fuchsia  
page 54

## MEDIUM Vigor

pages 56, 59-60



**Sunrise™**  
Orange  
page 56

## LARGE Vigor

pages 58 and 62



**Super Moon™**  
Red  
page 58

# Moonlight™ Zonal Geranium

*Pelargonium x hortorum*

**COMPACT VIGOR | UPRIGHT**  
**NO PINCH | LABOR SAVER**

- Dark-foliage, uniform series
- Solution for pot-tight production
- Early flowering; 3-4 flowers at first flush
- Large blooms on an upright plant

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

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

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Landscapes

**NEW**



Hot Coral

Ⓟ 2 Ⓢ 2 Ⓢ B

**NEW**



Red 24

Ⓟ 2 Ⓢ 2 Ⓢ B



**Moonlight**  
Dark Fuchsia





White  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Light Salmon  
 Ⓟ 2 Ⓢ 2 Ⓢ B



Orange  
 Ⓟ 2 Ⓢ 2 Ⓢ B



Light Pink+Big Eye  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Pink  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Pink+Big Eye  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Raspberry Blush  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Dark Fuchsia  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Brilliant Red  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Dark Red  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Lavender  
 Ⓟ 2 Ⓢ 3 Ⓢ A



Blue  
 Ⓟ 3 Ⓢ 2 Ⓢ B

# Sunrise<sup>TM</sup> Zonal Geranium

*Pelargonium x hortorum*

**MEDIUM VIGOR | UPRIGHT**  
**NO PINCH | LABOR SAVER**

- Green-leaf, medium-vigor plant
- Large-flowered series blooms early
- Superior color range

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

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

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Landscapes

**NEW**



Purple+Big Eye

Ⓟ 2 Ⓢ 2 Ⓢ A



White

Ⓟ 3 Ⓢ 2 Ⓢ B



Light Salmon

Ⓟ 3 Ⓢ 2 Ⓢ B



Salmon

Ⓟ 3 Ⓢ 2 Ⓢ A



**Sunrise**  
Orange





Salmon+Red Eye  
 Ⓟ 2 Ⓢ 2 Ⓢ B



Orange  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Appleblossom  
 Ⓟ 3 Ⓢ 2 Ⓢ B



White+Eye  
 Ⓟ 2 Ⓢ 2 Ⓢ A



Raspberry Eye  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Light Pink  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Rose+Big Eye  
 Ⓟ 2 Ⓢ 2 Ⓢ B



Hot Rose+Eye  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Hot Pink  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Brilliant Red  
 Ⓟ 1 Ⓢ 2 Ⓢ B



Red  
 Ⓟ 2 Ⓢ 2 Ⓢ A



Bright Scarlet  
 Ⓟ 2 Ⓢ 2 Ⓢ A



Dark Red  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Lavender  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Bright Lilac  
 Ⓟ 2 Ⓢ 2 Ⓢ A



Violet  
 Ⓟ 4 Ⓢ 1 Ⓢ B

# Super Moon™ Zonal Geranium

*Pelargonium x hortorum*

## LARGE VIGOR | UPRIGHT

- Large-flowered zonal
- Vibrant blooms
- Very dark stems provide contrast

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

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

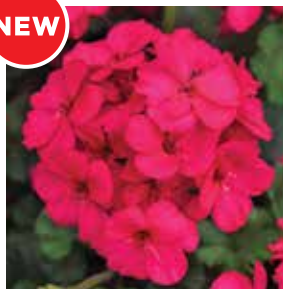
**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



**Super Moon** makes an excellent “thriller” item in combinations.

**NEW**



Compact Violet

Ⓥ 3 Ⓢ 2 Ⓢ A

**NEW**



Compact Bright Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Red

Ⓥ 4 Ⓢ 2 Ⓢ A



**Super Moon**  
Red



# Marcada™ Interspecific Geranium

*Pelargonium cultivars*

## MEDIUM VIGOR | SEMI-TRAILING

- Strong interspecific with an ivy look
- More heat tolerant
- Better flower retention
- Less sensitive to oedema

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos



**Marcada**  
Magenta

NEW



Electric Purple  
✓ 3 ☹ 1 Ⓢ A



White  
✓ 2 ☹ 1 Ⓢ A



Pink  
✓ 4 ☹ 1 Ⓢ A



Pink+Purple Eye  
✓ 3 ☹ 1 Ⓢ A



Magenta  
✓ 4 ☹ 1 Ⓢ A



Orange  
✓ 4 ☹ 1 Ⓢ A



Dark Red  
✓ 3 ☹ 1 Ⓢ A

# Royal™ Ivy Geranium

*Pelargonium peltatum*

**MEDIUM VIGOR | TRAILING | NO PINCH | LABOR SAVER**

- Early flowering for quick turns
- High oedema resistance for clean foliage
- Double-flowered ivy
- Well-branched habit

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

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

**Ideal Pot Sizes:** Larger than Gallons

**Uses:** Baskets, Combos



White

Ⓟ 3 Ⓡ 2 Ⓢ B



Light Pink

Ⓟ 3 Ⓡ 2 Ⓢ B



Candy Cane®

Ⓟ 2 Ⓡ 2 Ⓢ B



Hot Pink

Ⓟ 3 Ⓡ 2 Ⓢ B



Scarlet Red

Ⓟ 3 Ⓡ 2 Ⓢ A



Dark Red

Ⓟ 3 Ⓡ 2 Ⓢ B



Dark Burgundy

Ⓟ 3 Ⓡ 2 Ⓢ B



Blue

Ⓟ 3 Ⓡ 2 Ⓢ C



Purple

Ⓟ 3 Ⓡ 2 Ⓢ B



# Glacier™ Ivy Geranium

*Pelargonium peltatum*

## SEMI-TRAILING

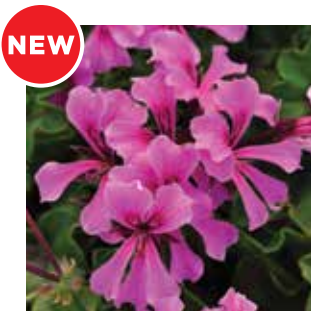
- Stands up to the heat
- Single-flowered ivy
- Unmatched performance in baskets and window boxes

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

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

**Ideal Pot Sizes:** Larger than Gallons

**Uses:** Baskets, Combos



## COMPACT VIGOR

Compact Amethyst+Eye

Ⓟ 2 Ⓢ 2 Ⓢ C



## MEDIUM-HIGH VIGOR

Glacier White

Ⓟ 4 Ⓢ 2 Ⓢ C

# NEW Sidekicks™ Hebe

*Veronica armstrongii*

## COMPACT VIGOR | MOUNDED | HIGH DENSITY

- Grows as a perennial, providing year-round interest
- Dwarf evergreen shrubs have decorative leaves
- Very compact
- Attractive companion plants in Fall and Winter combinations
- Perfect for rock gardens and landscapes
- A genus of *Veroniceae*, like the perennial Veronica, hebe may eventually produce small blue or purple flowers, but it is prized more for its foliage.

**Height:** 6 to 7 in. (15 to 18 cm)

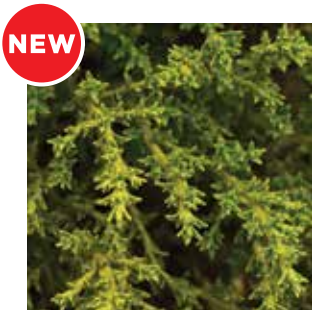
**Spread:** 5 to 6 in. (13 to 15 cm)

**Ideal Pot Sizes:** Quarts

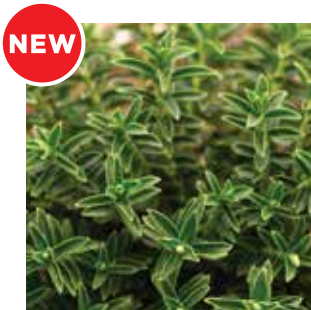
**Uses:** Pots, Combos



Sidekicks  
Luigi



Spock  
Ⓟ 2 Ⓢ B



Watson  
Ⓟ 2 Ⓢ B



Robin  
Ⓟ 2 Ⓢ B



Luigi  
Ⓟ 2 Ⓢ B

## Balcon Ivy Geranium

*Pelargonium peltatum*

**LARGE VIGOR | TRAILING**  
**NO PINCH | LABOR SAVER**

- Large, colorful blooms
- Heat-tolerant ivy
- Cascading baskets and window boxes
- Self-cleaning; stays fresh all Summer

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

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

**Ideal Pot Sizes:** Larger than Gallons

**Uses:** Baskets, Combos

**NEW**



Pink 24  
V4 L2 A



Ice Dance Pink  
V4 L3 A



Shocking Pink  
V4 L2 A



Red  
V4 L2 A



Light Purple  
V4 L2 A

## Decora Ivy Geranium

*Pelargonium peltatum*

**LARGE VIGOR | TRAILING**  
**NO PINCH | LABOR SAVER**

- Large, colorful blooms
- Heat-tolerant ivy
- Cascading baskets and window boxes
- Unique variegated foliage

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

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

**Ideal Pot Sizes:** Larger than Gallons

**Uses:** Baskets, Combos



Pink  
V3 L2 A



Shocking Pink  
V3 L2 A



Pink+Eye  
V4 L2 A



Red  
V4 L2 A



Light Purple  
V2 L2 A



# Silver Helichrysum

*Helichrysum italicum*

**NO PINCH | LABOR SAVER**

- Dwarf helichrysum
- Superior branching; drought tolerant
- Soft, silver foliage accent plant
- Low maintenance; not overly aggressive

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

**Spread:** 6 to 14 in. (15 to 36 cm)

**USDA Hardiness Zone:** 7a to 7b

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots



Add texture to your combinations with the Silver series. **Threads** is ideal for trailing baskets as a spiller, **Ribbon** adds thriller height and **Stitch** is best as a compact filler item.



Stitch  
V1 3 A



Threads  
V2 3 A



Ribbon  
V3 3 A

# Marino™ Heliotrope

*Heliotropium arborescens*

**MEDIUM VIGOR | UPRIGHT | HIGH DENSITY**

- Superbly scented
- Cuttings ship reliably
- Easy to grow

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

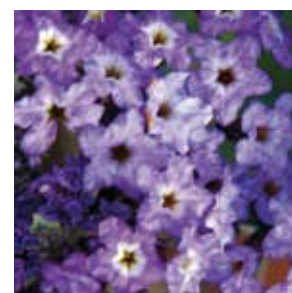
**Spread:** 12 to 18 in. (30 to 46 cm)

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos, Landscapes



White  
V2 2 A



Blue  
V2 1 A

# ImPower™

## New Guinea Impatiens

*Impatiens hawkeri*

**COMPACT VIGOR | UPRIGHT | HIGH DENSITY**  
**NO PINCH | LABOR SAVER**

- Fast to finish; highly programmable
- Uniform series flowers within 1 week
- High-density pots and packs
- Large blooms

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

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

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots



**ImPower**  
Red Flame



NEW



White 24  
(green foliage)  
V3 S1 B



White Pink Eye  
(dark green foliage)  
V3 S1 B



Salmon  
(green foliage)  
V3 S1 B



Pink Frost  
(green foliage)  
V2 S1 B



Orange  
(green foliage)  
V3 S1 B



Red Flame  
(green foliage)  
V2 S1 B



Red  
(green foliage)  
V2 S1 B



Dark Red  
(dark green foliage)  
V2 S1 B



Lavender  
(green foliage)  
V2 S1 B



Violet  
(green foliage)  
V3 S1 B



Purple Blue  
(green foliage)  
V3 S1 B

# ColorPower™ New Guinea Impatiens

*Impatiens hawkeri*

**MEDIUM VIGOR | UPRIGHT**  
**NO PINCH | LABOR SAVER**

- For medium-to-large pots and baskets
- Wide range of colors and novelties
- Outstanding habit and presentation
- Big, bright blooms light up the shade

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Landscapes



White  
(green foliage)  
V3 S2 B



Light Pink+Eye  
(dark green foliage)  
V2 S2 B



**ColorPower**  
Orange





Salmon Pink  
(green foliage)  
V3 Ⓐ 2 Ⓑ A



Peach Frost  
(green foliage)  
V2 Ⓐ 1 Ⓑ B



Coral Flame  
(dark green foliage)  
V3 Ⓐ 2 Ⓑ B



Orange Flame  
(dark green foliage)  
V3 Ⓐ 3 Ⓑ B



Orange  
(green foliage)  
V3 Ⓐ 2 Ⓑ B



Rose  
(green foliage)  
V3 Ⓐ 2 Ⓑ B



Dark Pink Flame  
(dark green foliage)  
V3 Ⓐ 2 Ⓑ B



Cerise Frost  
(green foliage)  
V2 Ⓐ 2 Ⓑ B



White Red Flame  
(dark green foliage)  
V3 Ⓐ 2 Ⓑ B



Red Flame  
(green foliage)  
V3 Ⓐ 3 Ⓑ B



Red  
(green foliage)  
V3 Ⓐ 3 Ⓑ B



Dark Red  
(dark green foliage)  
V2 Ⓐ 2 Ⓑ B



Orchid  
(green foliage)  
V2 Ⓐ 2 Ⓑ B



Lavender Flame  
(dark green foliage)  
V3 Ⓐ 3 Ⓑ B



Violet  
(green foliage)  
V3 Ⓐ 2 Ⓑ B



Purple Blue  
(green foliage)  
V2 Ⓐ 2 Ⓑ B

# Bounce™

## Interspecific Impatiens

*Impatiens hawkeri*

**MEDIUM VIGOR | MOUNDED | SUN LOVER**  
**NO PINCH | LABOR SAVER**

- Best for shade and heat
- Loads of color in the garden
- Great branching; fast flowering
- Downy mildew resistant

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Landscapes



**Bounce**  
Bright Coral and Violet



White

Ⓟ 3 Ⓢ 2 Ⓢ A



Bright Coral

Ⓟ 3 Ⓢ 2 Ⓢ A



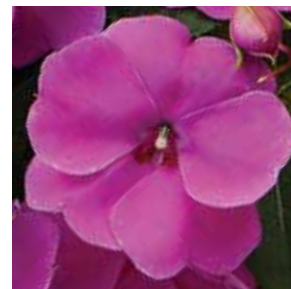
Cherry

Ⓟ 3 Ⓢ 2 Ⓢ A



Pink Flame

Ⓟ 3 Ⓢ 2 Ⓢ A



Violet

Ⓟ 3 Ⓢ 2 Ⓢ A



# Goldilocks

## Lysimachia

*Lysimachia nummularia*

### MEDIUM VIGOR | TRAILING

- Low-care plant
- Lime green leaves turn iridescent in sun
- Great mixed container component
- Temperate perennial

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

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

**USDA Hardiness Zone:** 3a to 10b

**Ideal Pot Sizes:** Packs, Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos



Goldilocks  
V3 A



**Lysimachia** of all kinds  
work wonders in  
combinations!

# Muehlenbeckia

*Muehlenbeckia complexa*

### COMPACT VIGOR | SEMI-TRAILING

- Spiller foliage plant
- Glossy, dark green, rounded leaves
- Great accent plant or groundcover
- Low maintenance; drought tolerant

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

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

**USDA Hardiness Zone:** 8a to 10b

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



Muehlenbeckia  
V3 B

Magadi™ Compact  
Blue Bay Lobelia





# Lobelia

We are your number one source for lobelia, with the comprehensive Magadi™ family. From compact, densely branched varieties that are ideal for quart pots, to trailing varieties that make stunning hanging baskets — Selecta One has your lobelia program covered.

## COMPACT Vigor

page 72



**Magadi™ Compact**  
Blue Bay  
page 72

## MEDIUM Vigor

page 73



**Magadi™**  
Electric Purple  
page 73

## LARGE Vigor

page 73



**Magadi™ Basket**  
White  
page 73

# Magadi™ Compact Lobelia

*Lobelia cultivars*

**COMPACT VIGOR | UPRIGHT | HIGH DENSITY**

- Early-flowering series features brilliant colors
- Densely branched

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons, Larger than Gallons

**Uses:** Pots



White

Ⓥ 3 Ⓢ 2 Ⓢ B



Purple

Ⓥ 2 Ⓢ 2 Ⓢ B



Blue Bay

Ⓥ 2 Ⓢ 1 Ⓢ B



Blue

Ⓥ 2 Ⓢ 1 Ⓢ B



Dark Blue

Ⓥ 2 Ⓢ 2 Ⓢ A



**Magadi Compact**  
Blue Bay



Meet the fabulous two-tone Blue Bay Lobelia!



# Magadi™ Lobelia

*Lobelia cultivars*

## UPRIGHT | SUN LOVER

- Superior collection of Lobelia
- Bred for outstanding heat tolerance
- Versatile in pots or the landscape

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



**Magadi** is a top choice for combinations because of its stellar heat tolerance. It won't die back when Summer kicks in.



### MEDIUM VIGOR

Electric Purple

Ⓢ 3 Ⓢ 2 Ⓢ A



### MEDIUM VIGOR

Electric Blue

Ⓢ 3 Ⓢ 2 Ⓢ A



### LARGE VIGOR

Dark Blue

Ⓢ 4 Ⓢ 1 Ⓢ A

# Magadi™ Basket Lobelia

*Lobelia cultivars*

## LARGE VIGOR | SEMI-TRAILING

- Large, floriferous plants
- Lovely blooms

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos



White

Ⓢ 2 Ⓢ 2 Ⓢ B



Dark Purple

Ⓢ 3 Ⓢ 1 Ⓢ B



Dark Blue

Ⓢ 3 Ⓢ 2 Ⓢ B

# NEW Whimsy™ Nemesia

*Nemesia fruticans*

**COMPACT VIGOR | UPRIGHT**  
**HIGH DENSITY | EARLY SEASON**

- Excellent young plant supply
- Huge blooms
- Uniform series
- Compact habit
- Fragrant

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

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

**Ideal Pot Sizes:** Packs,  
Quarts, Gallons

**Uses:** Pots, Baskets



White

Ⓥ 2 Ⓢ 2 Ⓢ C



Yellow

Ⓥ 3 Ⓢ 2 Ⓢ C



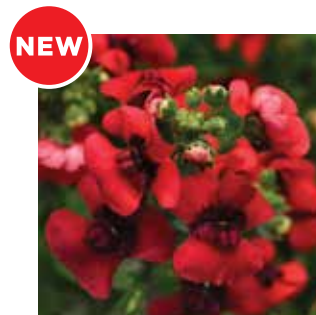
Orange Sunset

Ⓥ 3 Ⓢ 2 Ⓢ C



Deep Rose

Ⓥ 2 Ⓢ 2 Ⓢ C



Red

Ⓥ 3 Ⓢ 2 Ⓢ C

**NEW Whimsy**  
Yellow



# FlowerPower™ Compact Osteospermum

*Osteospermum ecklonis*

**COMPACT VIGOR | MOUNDED  
HIGH DENSITY | EARLY SEASON**

- Early-to-flower, uniform series
- Brilliant colors on large flowers
- Best for cool, low-energy production

**Available as callused cuttings**

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

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

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Landscapes



White

Ⓟ 2 Ⓢ 2 Ⓢ B



Yellow

Ⓟ 2 Ⓢ 3 Ⓢ B



Pink+Eye

Ⓟ 2 Ⓢ 2 Ⓢ B



Purple

Ⓟ 2 Ⓢ 2 Ⓢ B



Purple Red

Ⓟ 3 Ⓢ 3 Ⓢ B

# FlowerPower™ Spider Osteospermum

*Osteospermum ecklonis*

**MEDIUM VIGOR | UPRIGHT | EARLY SEASON**

- Unique, attractive flower shape

**Available as callused cuttings**

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



White

Ⓟ 3 Ⓢ 2 Ⓢ B



Pink

Ⓟ 3 Ⓢ 2 Ⓢ B



Purple

Ⓟ 3 Ⓢ 2 Ⓢ B

# Daisy Falls™ Osteospermum

*Osteospermum ecklonis*

**MEDIUM VIGOR | TRAILING | EARLY SEASON**

- Early-Spring baskets and combos
- Performs longer into the season
- Tolerates inclement weather

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos



White Amethyst

Ⓟ 2 Ⓢ 2 Ⓢ A



Pink

Ⓟ 3 Ⓢ 1 Ⓢ A



Purple

Ⓟ 3 Ⓢ 2 Ⓢ A



**Daisy Falls** is a unique trailing Osteospermum that mixes well with other early-Spring products. Try with other basket Lobelia, Lobularia or Nemesisia.



Trixi **Daisy Falls** Combo  
Featuring **Daisy Falls** Pink, Purple and White Amethyst



# 4D™ Osteospermum

*Osteospermum hybrid*

**MEDIUM VIGOR | UPRIGHT | EARLY SEASON**

- Stays open 24/7
- Excellent branching; masses of blooms
- Superior series uniformity

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



White

Ⓥ 2 Ⓢ 2 Ⓢ B



Berry White

Ⓥ 4 Ⓢ 2 Ⓢ B



Violet Ice

Ⓥ 2 Ⓢ 2 Ⓢ B



Harvest Moon

Ⓥ 2 Ⓢ 3 Ⓢ B



Sunburst

Ⓥ 3 Ⓢ 2 Ⓢ B



Yellow

Ⓥ 3 Ⓢ 2 Ⓢ B



Purple

Ⓥ 3 Ⓢ 3 Ⓢ B



4D

Berry White



Zion Purple Sun Osteospermum





# Zion™ Osteospermum

*Osteospermum ecklonis*

**MEDIUM VIGOR | UPRIGHT | EARLY SEASON**

- Collection inspired by the colors of Zion National Park
- Distinctive, novel colors on large flowers
- Excellent branching on a full habit

**Available as callused cuttings**

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



Rose Surprise  
V3 L2 B



Pink Orbit  
V3 L2 A



Orange Burst  
V2 L2 C



Pure Yellow  
V2 L2 B



Morning Sun  
V3 L2 A



Purple Sun  
V2 L3 A



**Zion**  
Pure Yellow



Copper Amethyst  
V4 L2 C



Pink Sun  
V1 L3 B



Red  
V2 L3 B



Blue Denim  
V2 L3 B

# Discover EnViva™ Petchoa:

1. Start with the flower power and weather tolerance of Calibrachoa...
2. Add the garden performance of Petunia...
3. And saturate with vibrant colors!



**EnViva**™

Trixi **Red & White Forever**  
Featuring **EnViva** Blue, Red and White



# NEW EnViva™ Petchoa

*Calibrachoa x Petunia specialities*

**MEDIUM VIGOR | MOUNDED | SUN LOVER**

- The best attributes of both petunias and calibrachoa!
- Large, colorful flowers can be used in landscapes and containers
- Excellent cold/hot/rain weather performance
- More controlled habit compared to market standards
- Try our rock star, EnViva Pink!

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

**Spread:** 20 to 30 in. (51 to 76 cm)

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



Your imagination has no limit when mixing with **EnViva** Petchoa! Perfect in both multi-genera and mono-genera combinations.



**NEW EnViva**  
Pink

**NEW**



White

Ⓥ 2 Ⓢ 2 Ⓢ A

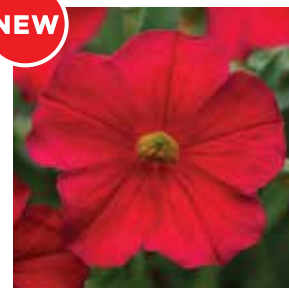
**NEW**



Pink

Ⓥ 4 Ⓢ 2 Ⓢ A

**NEW**



Red

Ⓥ 3 Ⓢ 2 Ⓢ A

**NEW**



Blue

Ⓥ 3 Ⓢ 2 Ⓢ A

# Petunia

No-pinch, labor-saver **Starlet™** is fast to flower and early to finish, with a compact vigor.

Semi-trailing **Headliner™** features large blooms with dramatic colors and medium vigor.

The durable blooms of **Main Stage™** prove why it is Selecta One's most vigorous trailing petunia series.

**COMPACT**  
Vigor

pages 84-85



**Starlet™**  
Midnight Sky  
page 85

**MEDIUM**  
Vigor

pages 86-89



**Headliner™**  
Strawberry Sky  
page 87



# STARRING **A SKY** IN EVERY SIZE

**MEDIUM**  
Vigor

pages 86-89



**NEW SweetSunshine™**  
Magenta Sky  
page 89

**LARGE**  
Vigor

pages 90



**Main Stage™**  
Glacier Sky  
page 90



# Starlet™ Petunia

*Petunia cultivars*

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**  
**NO PINCH | LABOR SAVER**

- Grower friendly and controlled
- Well-matched timing, vigor and habit
- Early to flower and fast to finish
- Exciting color range, including a Sky type

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

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

**Ideal Pot Sizes:** Quarts

**Uses:** Pots, Baskets, Combos



**Starlet Petunia** is the original choice for creating early-Spring combinations. The series has compact vigor and a mounded habit. Select other components with similar features for best success.



Trixi **Cajun Flare** Combo  
Featuring **Starlet** Blueberry Vein





White  
 V2 L3 B



Yellow  
 V2 L2 B



Salmon Red Vein  
 V2 L3 B



Pink Lemonade  
 V2 L3 B



Light Pink  
 V2 L3 B



Dark Pink  
 V2 L2 B



Magenta Star  
 V2 L3 A



Red  
 V1 L3 B



Blueberry Vein  
 V3 L2 A



Burgundy  
 V2 L3 B



Pinot Red  
 V2 L3 A



Midnight Sky  
 V2 L1 B



Blue  
 V2 L3 B



Velvet  
 V2 L3 B

# Headliner™ Petunia

*Petunia cultivars*

## MEDIUM VIGOR | SEMI-TRAILING

- Early flowering for a fast finish
- Dramatic color range on large blooms
- Wide assortment of Sky petunias

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

**Spread:** 20 to 30 in. (51 to 76 cm)

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos

**NEW**



Lavender Picotee

Ⓟ 3 Ⓢ 2 Ⓢ B

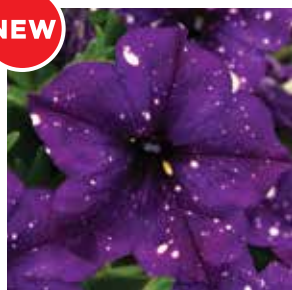
**NEW**



Blue 24

Ⓟ 3 Ⓢ 2 Ⓢ B

**NEW**



Violet Sky

Ⓟ 3 Ⓢ 2 Ⓢ B



White

Ⓟ 3 Ⓢ 3 Ⓢ B



Yellow

Ⓟ 3 Ⓢ 2 Ⓢ B



Dark Saturn

Ⓟ 3 Ⓢ 3 Ⓢ A



Banana Cherry

Ⓟ 4 Ⓢ 3 Ⓢ B



Light Pink Sky

Ⓟ 3 Ⓢ 2 Ⓢ B



Pink Sky

Ⓟ 3 Ⓢ 2 Ⓢ B



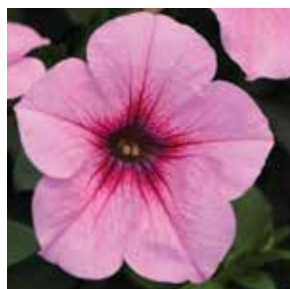
Raspberry Star

Ⓟ 3 Ⓢ 3 Ⓢ B



White Rose Vein

Ⓟ 3 Ⓢ 3 Ⓢ B



Pink Vein

Ⓟ 3 Ⓢ 3 Ⓢ B



Lipstick

Ⓟ 3 Ⓢ 3 Ⓢ A



Raspberry Swirl

Ⓟ 2 Ⓢ 3 Ⓢ B





Enchanted Sky

Ⓟ 3 Ⓢ 3 Ⓢ B



Strawberry Sky

Ⓟ 3 Ⓢ 2 Ⓢ B



Red

Ⓟ 3 Ⓢ 3 Ⓢ B



Electric Purple

Ⓟ 3 Ⓢ 2 Ⓢ B



Sky Blue

Ⓟ 3 Ⓢ 3 Ⓢ B



Blueberry Swirl

Ⓟ 3 Ⓢ 2 Ⓢ B



Blackberry Vein

Ⓟ 3 Ⓢ 2 Ⓢ A



Crystal Sky

Ⓟ 4 Ⓢ 3 Ⓢ B



Dark Violet Picotee

Ⓟ 3 Ⓢ 3 Ⓢ A



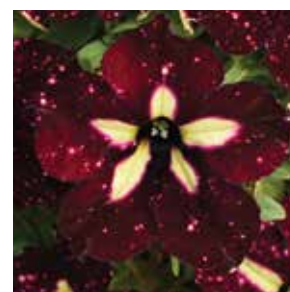
Night Sky®

Ⓟ 4 Ⓢ 3 Ⓢ B



Electric Purple Sky

Ⓟ 3 Ⓢ 2 Ⓢ B



Starry Sky Burgundy

Ⓟ 3 Ⓢ 2 Ⓢ B



Scan to  
watch an  
Enchanted  
Sky Petunia  
video!



**Headliner Petunia** is a top choice for making combinations in Spring. The series has medium vigor with controlled habits that play well with others.

NEW SweetSunshine™ Magenta Sky Petunia





# SweetSunshine™ Petunia

*Petunia cultivars*

## MEDIUM VIGOR | SEMI-TRAILING

- Magenta Sky, the FIRST double Sky!
- Durable, fully double blooms
- Well-branched plants
- Excellent for hanging baskets
- Unique colors and popular flower form

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

**Spread:** 20 to 30 in. (51 to 76 cm)

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos

NEW



Pink+Red Vein

Ⓥ 2 Ⓢ 2 Ⓢ B

NEW



Magenta Sky

Ⓥ 3 Ⓢ 2 Ⓢ B

NEW



Blueberry Vein

Ⓥ 2 Ⓢ 2 Ⓢ A



Magenta

Ⓥ 3 Ⓢ 3 Ⓢ A



Provence

Ⓥ 2 Ⓢ 3 Ⓢ B

**NEW SweetSunshine**  
Magenta Sky

# Main Stage™ Petunia

*Petunia cultivars*

## LARGE VIGOR | TRAILING

- Our most vigorous, trailing petunia line
- Excellent Summer performance
- Unique color range, including a Sky type

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Landscapes



White

Ⓟ 3 Ⓢ 2 Ⓢ A



Pink

Ⓟ 4 Ⓢ 3 Ⓢ A



Pink Vein

Ⓟ 4 Ⓢ 2 Ⓢ A



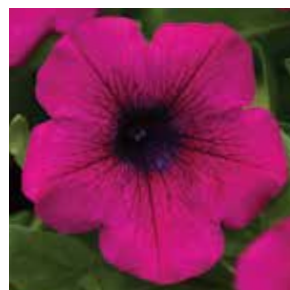
Hot Pink

Ⓟ 4 Ⓢ 3 Ⓢ A



Red

Ⓟ 3 Ⓢ 3 Ⓢ A



Purple

Ⓟ 4 Ⓢ 3 Ⓢ A



Blueberry

Ⓟ 4 Ⓢ 2 Ⓢ A



Violet Picotee

Ⓟ 4 Ⓢ 3 Ⓢ A



Violet

Ⓟ 4 Ⓢ 2 Ⓢ A



Glacier Sky

Ⓟ 4 Ⓢ 3 Ⓢ A



# Senetti® Pericallis

*Senecio x hybrida*

**MEDIUM VIGOR | UPRIGHT**

- Low-maintenance, early-Spring series
- Weather tolerant; thrives in cool temperatures
- Vivid blooms on rounded, compact foliage

**Height:** 12 to 24 in. (30 to 61 cm)

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

**USDA Hardiness Zone:** 9a to 11

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots

**NEW**



White Red Heart

Ⓟ 3 Ⓢ 3 Ⓢ C



Pink Bicolor

Ⓟ 3 Ⓢ 1 Ⓢ C



Magenta Bicolor

Ⓟ 3 Ⓢ 1 Ⓢ C



Magenta

Ⓟ 3 Ⓢ 2 Ⓢ C



Blue Bicolor

Ⓟ 3 Ⓢ 1 Ⓢ C



Cobalt Blue

Ⓟ 3 Ⓢ 1 Ⓢ C



Deep Blue

Ⓟ 3 Ⓢ 2 Ⓢ C

*Senetti*

SENETTI is bred by Suntory Flowers Limited Corporation.  
SENETTI is U.S. registered trademark of Suntory Flowers Limited Corporation.

# Gisele® Phlox

*Phlox cultivars*

**COMPACT VIGOR | MOUNDED**  
**HIGH DENSITY | SUN LOVER**

- Reliable rooting; dependable shipping
- Heat tolerant
- Powdery mildew resistance

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons,  
Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



White  
Ⓟ 2 Ⓢ 2 Ⓢ A



Light Pink+Eye  
Ⓟ 3 Ⓢ 2 Ⓢ A



Pink  
Ⓟ 3 Ⓢ 2 Ⓢ A



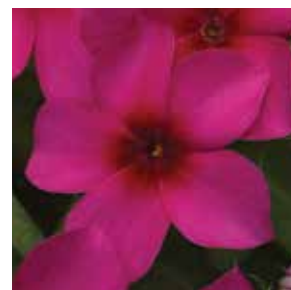
Hot Pink  
Ⓟ 3 Ⓢ 2 Ⓢ A



Red  
Ⓟ 3 Ⓢ 2 Ⓢ A



**Gisele**  
Red and White



Purple  
Ⓟ 4 Ⓢ 2 Ⓢ A



Trixi You PINKed My Interest Featuring  
Gisele White, Hot Pink and Pink Phlox



# PortoGrande™ Portulaca

*Portulaca oleracea*

**MEDIUM VIGOR | TRAILING | SUN LOVER**

- Vibrant, large blooms
- Thrives in hot and arid conditions
- Functions as a flowering succulent
- Excellent trailing component in mixes

**Height:** 4 to 8 in. (10 to 20 cm)

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes

**NEW**



White 24

☺ 3 ☺ 2 ☺ A

**NEW**



Magenta

☺ 3 ☺ 2 ☺ A



Yellow

☺ 3 ☺ 2 ☺ A



Raspberry Lemonade

☺ 3 ☺ 2 ☺ A



Orange

☺ 3 ☺ 2 ☺ A



Scarlet

☺ 3 ☺ 2 ☺ A



Mixed Container

Featuring **PortoGrande™** Magenta, Scarlet and Yellow



# Skyscraper™ Salvia

*Salvia cultivars*

## LARGE VIGOR | UPRIGHT

- Tender perennial
- Season extender
- Large blooms on sturdy stems
- Lasts longer/branches better than seed

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

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

**USDA Hardiness Zone:** 7b

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Landscapes



Pink

Ⓥ4 Ⓢ1 ⓈA

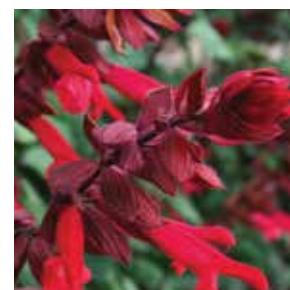


Orange

Ⓥ4 Ⓢ1 ⓈA



Skyscraper Pink



Dark Purple

Ⓥ4 Ⓢ1 ⓈA

# Fairy™ Scaevola

*Scaevola aemula*

## MEDIUM VIGOR | SEMI-TRAILING | SUN LOVER

- Well-branched plant
- Outstanding outdoor performance

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



White

Ⓥ4 Ⓢ3 ⓈA



Pink

Ⓥ3 Ⓢ3 ⓈA



Blue

Ⓥ3 Ⓢ3 ⓈA

## Tsavo™ Sanvitalia

*Sanvitalia procumbens*

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**

- Early-season variety
- Bright color is offset by dark foliage
- Tidy habit

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

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

**Ideal Pot Sizes:** Packs, Quarts

**Uses:** Pots, Combos



Compact Yellow

Ⓟ 2 Ⓢ 2 Ⓢ A



**Sanvitalia** is a surprising and satisfying mixing element. It brings better heat tolerance than a Bidens, but with just-as-bright yellow flowers.

## Gold Mound Sedum

*Sedum mexicanum*

**MEDIUM VIGOR | MOUNDED | HIGH DENSITY**  
**SUN LOVER | NO PINCH | LABOR SAVER**

- Chartreuse foliage plant
- Blooms from late Spring through Summer
- Low-maintenance, drought-tolerant sedum
- Adaptable to different environments

**Height:** 12 to 15 in. (30 to 38 cm)

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

**USDA Hardiness Zone:** 8a to 11

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos, Landscapes



Gold Mound

Ⓟ 3 Ⓢ B

## Coral Reef Sedum

*Sedum tetractinum*

**COMPACT VIGOR | SPREADING | HIGH DENSITY**  
**SUN LOVER | NO PINCH | LABOR SAVER**

- Low maintenance and adaptable
- Drought tolerant with low-watering requirements
- Ideal in containers, as a groundcover or in rock gardens
- Provides year-round production

**Height:** 2 to 3 in. (5 to 8 cm)

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

**USDA Hardiness Zone:** 3a to 9a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos, Landscapes



Coral Reef

Ⓟ 2 Ⓢ A



# Little Shimmer Sedum

*Sedum cultivars*

**COMPACT VIGOR | TRAILING | HIGH DENSITY**  
**SUN LOVER | NO PINCH | LABOR SAVER**

- Delicate and fast growing
- Small, bright green, variegated, heart-shaped leaves
- Low-maintenance, drought-tolerant groundcover
- Trailing component in hanging baskets
- Hardy down to Zone 6

**Height:** 2 to 3 in. (5 to 8 cm)

**Spread:** 5 to 7 in. (13 to 18 cm)

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots, Baskets



Little Shimmer  
 Ⓟ1 ⓈA



# Little Shine Sedum

*Sedum cultivars*

**COMPACT VIGOR | TRAILING | HIGH DENSITY**  
**SUN LOVER | NO PINCH | LABOR SAVER**

- Delicate and fast growing
- Small, bright green, heart-shaped leaves
- Low-maintenance, drought-tolerant groundcover
- Trailing component in hanging baskets
- Hardy down to Zone 6

**Height:** 2 to 3 in. (5 to 8 cm)

**Spread:** 5 to 7 in. (13 to 18 cm)

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots, Baskets



Little Shine  
 Ⓟ1 ⓈA



# Verbena

Ranging from compact to large, Selecta One's verbena collection has everything you need — like Beats™, our compact-spreading series that does not require pinching or PGRs! This series flowers two weeks earlier than other verbena. Plus, its tolerance to heat, cycling and water stress keeps varieties looking lush and vibrant all season long — never missing a beat of color!

**COMPACT**  
Vigor

pages 100-101



**Beats™**  
Blue  
page 101

**MEDIUM**  
Vigor

pages 102-103



**Lascar®**  
Orange Lava  
page 103



**LARGE**  
Vigor

page 104



**Blues™**  
Lavender+Eye  
page 104

NEW Trixi Can't Be Beat 24  
Featuring Purple+White Beats Verbena



How much can Beats  
Verbena take and still look  
fresh? Scan here to see us  
**DROP THE BEATS!**



# Beats™ Verbena

*Verbena cultivars*

**COMPACT VIGOR | SPREADING | HIGH DENSITY  
SUN LOVER | NO PINCH | LABOR SAVER**

- Flowers 2 weeks earlier than other verbena
- Tolerant to heat, cycling and water stress
- No PGRs; no pinch

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

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons

**Uses:** Pots, Baskets, Combos, Landscapes

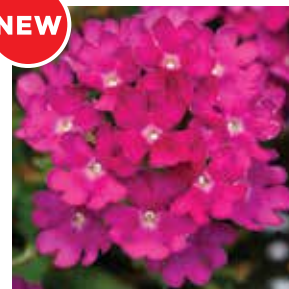
NEW



Pink Shades

Ⓥ1 Ⓢ1 ⓈA

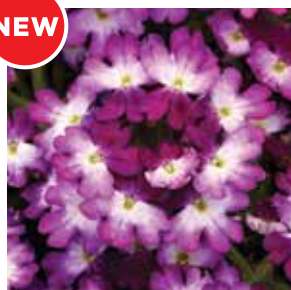
NEW



Bright Purple

Ⓥ1 Ⓢ1 ⓈA

NEW



Blue+White

Ⓥ1 Ⓢ1 ⓈA



White

Ⓥ1 Ⓢ1 ⓈA



Red+White

Ⓥ1 Ⓢ1 ⓈA



Red

Ⓥ1 Ⓢ1 ⓈA



Purple+White

Ⓥ1 Ⓢ1 ⓈA



Blue

Ⓥ1 Ⓢ1 ⓈA



**Beats**  
Blue



It's easy to create stunning mono-combos with the **Beats** series. Their hyper-uniform habit and timing make mixing and matching a breeze.

# Lascar™ Verbena

*Verbena cultivars*

**MEDIUM VIGOR | SEMI-TRAILING | SUN LOVER**

- Uniform series is early to flower
- Excellent in combinations

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



**Lascar**  
Orange Lava





White  
 Ⓟ 2 Ⓢ 3 Ⓢ B



Mango Orange  
 Ⓟ 2 Ⓢ 2 Ⓢ B



Orange Lava  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Pink  
 Ⓟ 2 Ⓢ 2 Ⓢ B



Burgundy  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Red Rose  
 Ⓟ 3 Ⓢ 2 Ⓢ B



Dark Red  
 Ⓟ 2 Ⓢ 1 Ⓢ A



Vampire  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Purple  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Blue+White  
 Ⓟ 2 Ⓢ 2 Ⓢ A



Purple+White  
 Ⓟ 2 Ⓢ 2 Ⓢ A



Dark Violet  
 Ⓟ 3 Ⓢ 2 Ⓢ A



Black Velvet  
 Ⓟ 2 Ⓢ 1 Ⓢ A

# Blues™ Verbena

*Verbena cultivars*

**LARGE VIGOR | UPRIGHT & SEMI-TRAILING  
SUN LOVER**

- Big blooms with an eye
- Perfect in mixed containers
- High resistance to powdery mildew

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

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

**Ideal Pot Sizes:** Gallons, Larger than Gallons

**Uses:** Pots, Baskets, Combos, Landscapes



White  
V 3 L 3 A



Light Pink+Eye  
V 3 L 3 A



Rose+Eye  
V 3 L 3 A



Magenta+Eye  
V 3 L 2 B



Red  
V 3 L 3 A



Lavender+Eye  
V 2 L 2 A

**TOP  
SELLER**



Trixi **Cherry Kiss** Combo  
Featuring **Blues** Light Pink+Eye Verbena



Violet+Eye  
V 2 L 2 A



Purple+Eye  
V 3 L 3 A



**Blues Verbena** is the ultimate mixing verbena. Thanks to its semi-upright nature, blooms appear on the top of the mix, not just around the base.





# DIANTHUS

## Key

### Ⓥ Vigor

- 1 low
- 2 low-medium
- 3 medium
- 4 medium-high
- 5 high



### Flowering Time

- 1 very early
- 2 early
- 3 standard



### Heat Tolerance

- A excellent
- B very good
- C good

# Dianthus

From lacy and petite to loud and proud, today's dianthus varieties are no wallflowers. Look for show-stopping colors that include pinks, whites, reds, lavenders and purples, and fascinating flowers that boast multiple hues, dark eyes and double blooms. Their timing ranges from Very Early to Late, covering your whole production season. Check out all the varieties and add dianthus to your crop turns today!

## Available Dianthus Varieties

Series	Potted Plant	Works in Landscape	Perennial	Annual	Flower Type	Size/Habit	Pot Sizes	Description
Capitán	X	X	7a	X	Double	Upright	2.5 qt., (2.8 L) 8 to 14 in (20 to 35 cm) planters	<ul style="list-style-type: none"> <li>• Large vigorous plant.</li> <li>• Can be used as a cut flower.</li> <li>• Great in ground and in containers.</li> <li>• Long season flowering.</li> </ul>
Carmen		X	5b	X	Double	Medium Upright	1 to 2.5 qt. (1 to 2.8 L)	<ul style="list-style-type: none"> <li>• True carnation.</li> <li>• Excellent uniformity.</li> <li>• Blooms continuously until frost.</li> <li>• Overwinters better than others.</li> </ul>
DíaDeur	X		6a	X	Double	Medium Upright	6 in. to 2.5 qt. (1 to 2.8 L)	<ul style="list-style-type: none"> <li>• Fully double blooms.</li> <li>• Fragrant flowers.</li> <li>• Multicolored blooms.</li> <li>• Ideal for container and garden use.</li> </ul>
Early Love	X		7a	X	Double	Compact Upright	4 to 6 in. (10 to 15 cm)	<ul style="list-style-type: none"> <li>• Excellent branching.</li> <li>• Early flowering.</li> <li>• Large, double bicolored blooms.</li> <li>• Ideal bouquets for Valentine's Day.</li> </ul>
EverLast		X	5a	X	Single and Double	Medium Upright	2.5 qt (2.8 L)	<ul style="list-style-type: none"> <li>• Extremely floriferous.</li> <li>• Blooms early in Spring, late into Summer, again in Fall.</li> </ul>
I Love U	X		7a	X	Double	Compact Mounded	2 to 4 in. (5 to 10 cm)	<ul style="list-style-type: none"> <li>• Colors range from deep pink to white.</li> <li>• Marketing retail program available.</li> </ul>
Oscar	X		6a	X	Double	Compact Upright	4 in., 1 qt, (10 cm, 1 L) bowls, planters	<ul style="list-style-type: none"> <li>• Excellent bloom life.</li> <li>• Heat and frost tolerant.</li> <li>• Blooms last in various conditions.</li> <li>• Ideal as a potted gift plant.</li> </ul>
Palm Peach	X		7a	X	Single	Compact Upright	2 to 4 in. (5 to 10 cm)	<ul style="list-style-type: none"> <li>• Compact potted plant.</li> <li>• Extremely long-lasting flowers.</li> <li>• Excellent windowsill plant.</li> </ul>
Pashmina		X	5b	X	Petite Single	Low-Growing Spreading	Packs to 2.5 qt. (2.8 L)	<ul style="list-style-type: none"> <li>• Very well matched series</li> <li>• Perfect for core color gallon programs</li> <li>• Good for large indoor pot carnations</li> </ul>
Pink Kisses	X	X	5a	X	Semi-Double	Compact Upright	2 to 4 in. (5 to 10 cm)	<ul style="list-style-type: none"> <li>• Vibrant two-tone flowers.</li> <li>• No deadheading.</li> <li>• Ideal grab-and-go gifts for retail.</li> </ul>
Purple Wedding	X		7a	X	Semi-Double	Compact Upright	4 to 6 in. (10 to 15 cm)	<ul style="list-style-type: none"> <li>• Upright carnation with bicolor blooms.</li> <li>• Attracts pollinators to gardens.</li> <li>• Frost-tolerant flowers.</li> <li>• Works well as an indoor potted plant.</li> </ul>
Scully	X		5a	X	Single	Compact Upright	2 to 4 in. (5 to 10 cm)	<ul style="list-style-type: none"> <li>• Vivid purple with striking dark leaves.</li> <li>• Handles cold and wet conditions.</li> <li>• Thrives in Summer gardens.</li> <li>• Works well as an indoor potted plant.</li> </ul>
SuperTrouper	X	X	6a	X	Double	Medium Upright	6 in. to 2.5 qt. (1 to 2.8 L)	<ul style="list-style-type: none"> <li>• Fully double blooms.</li> <li>• Fragrant flowers.</li> <li>• Excellent pot carnation.</li> <li>• Ideal for container and garden use.</li> </ul>
Vivacia	X	X	7a	X	Double	Upright	6 in. to 2.5 qt. (1 to 2.8 L)	<ul style="list-style-type: none"> <li>• Excellent landscape product.</li> <li>• Can be used as a groundcover.</li> <li>• Masses of delicate flowers.</li> </ul>

Check out our scheduling charts on page 120  
or scan to utilize our interactive guide!





# NOW LANDING

## Your Proven Dianthus Supply Chain

We are the **ONLY USDA-approved** breeding company supplying you with 14 varieties of dianthus cuttings from offshore production into the U.S.

### Here's your opportunity to:

- Receive any quantity you need, all in one shipment.
- Offer your customers plants for every occasion.
- Keep your costs down and your profits up.



**NEW Capitán**  
Magnifica  
page 109



**NEW SuperTrouper**  
Yellow 24  
page 115



**NEW Pashmina**  
Magenta  
page 110

Dianthus Solutions Customized for You  
Visit [selectanorthamerica.com/Dianthus](https://selectanorthamerica.com/Dianthus) and:

- See our full selection of dianthus varieties and choose the best varieties for your needs based on type, timing and pot size.
- Download **FREE** eye-catching point-of-purchase materials.
- Download our dianthus **scheduling guide**.



NEW Capitán Pink+Eye Dianthus





# NEW Capitán™ Dianthus

*Dianthus cultivars*

## LARGE VIGOR | UPRIGHT

- Growers can expect smooth sailing with Capitán Dianthus!
- A premium Dianthus series with XL vigor that can be sold for a premium price
- Novel bicolor double blooms
- Prized for its lovely fragrance
- Durability through cold-chain shipping processes in retail settings

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

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

**USDA Hardiness Zone:** 7a to 10b

**Uses:** Pots, Combos, Landscapes



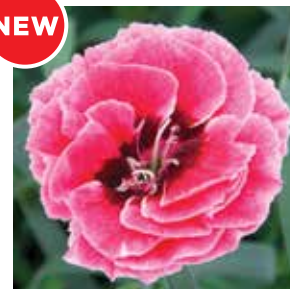
**NEW Capitán**  
Magnifica

**NEW**



White+Pink  
Ⓥ 3 Ⓢ 3 Ⓢ B

**NEW**



Pink+Eye  
Ⓥ 3 Ⓢ 2 Ⓢ B

**NEW**



Magnifica  
Ⓥ 4 Ⓢ 2 Ⓢ B

**NEW**



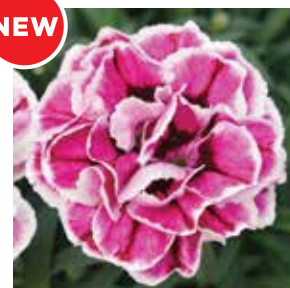
Red White Edge  
Ⓥ 3 Ⓢ 2 Ⓢ B

**NEW**



White+Purple  
Ⓥ 3 Ⓢ 3 Ⓢ B

**NEW**



Purple Frost  
Ⓥ 4 Ⓢ 2 Ⓢ B

**NEW**



Purple+White  
Ⓥ 3 Ⓢ 2 Ⓢ B

## NEW Vivacia™ Dianthus

*Dianthus cultivars*

### MEDIUM VIGOR | MOUNDED

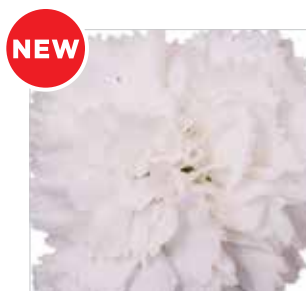
- Features large, vivid solid colors
- Very uniform series
- 20% larger than SuperTrouper series
- Ideal for large containers, combinations and garden beds

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

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

**Ideal Pot Sizes:** Gallons

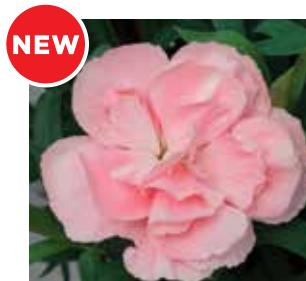
**Uses:** Pots, Combos, Landscapes



White  
V3 L2 B



Orange  
V3 L2 B



Light Pink  
V3 L2 B



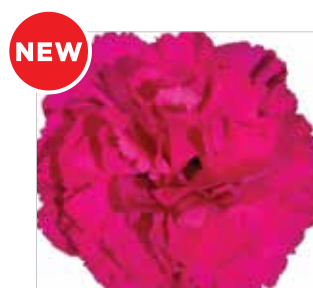
Pink  
V3 L2 B



Bright Red  
V3 L2 B



Deep Red  
V3 L2 B



Purple  
V3 L2 B

## NEW Pashmina™ Dianthus

*Dianthus cultivars*

### SPREADING

- Excellent in the landscape
- Super-tough, overwintering series is hardy in Zone 5a
- Blooms Spring through Summer, and comes back year after year
- No vernalization required
- Fast-crop perennial for Spring planting

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

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

**USDA Hardiness Zone:** 5a



Pink+White  
V1 L2 B



Magenta  
V1 L2 B



Berry Red  
V1 L2 B



# I Love U Dianthus and Pot Carnation

*Dianthus caryophyllus*

**COMPACT VIGOR | MOUNDED | HIGH DENSITY**

- Always displays a full range of colors
- Works both indoors and outdoors
- Pollinators love this fragrant carnation
- Colors range from deep pink to soft rose to white
- Marketing retail program available

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

**Spread:** 5 to 7 in. (13 to 18 cm)

**USDA Hardiness Zone:** 7a

**Ideal Pot Sizes:** Quarts

**Uses:** Pots, Combos, Landscapes



I Love U  
V1 S1 B



Tags



Scan to  
download  
point-of-  
purchase  
materials.

# Pink Kisses® Dianthus

*Dianthus cultivars*

## COMPACT VIGOR | UPRIGHT

- Perfect “grab and go” gift item
- Lots of two-tone flowers; no deadheading
- Early-season, easy-to-grow pot carnation
- Frost-hardy, late-season tender perennial

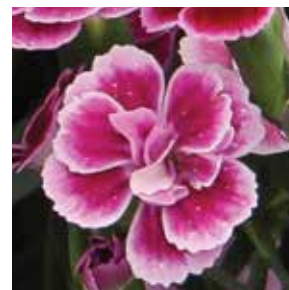
**Height:** 12 to 16 in. (30 to 41 cm)

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

**USDA Hardiness Zone:** 5a

**Ideal Pot Sizes:** Packs, Quarts

**Uses:** Pots, Combos



Pink Kisses  
 2 2 B

### Sleeve



### Tags



Scan to  
download  
point-of  
purchase  
materials.



# Early Love® Dianthus

*Dianthus cultivars*

## COMPACT VIGOR | UPRIGHT

- Early flowering, unique bicolor
- Large, double blooms on short stems
- Great match to Pink Kisses®
- Excellent branching
- Ideal bouquets for Valentine's Day

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

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

**USDA Hardiness Zone:** 7a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos



Early Love  
V2 S1 B

**Early Love®**  
WHERE LOVE GROWS!

## Tags



Scan to  
download  
point-of-  
purchase  
materials.

# Carmen™ Dianthus

*Dianthus cultivars*

## MEDIUM VIGOR | UPRIGHT

- Zone 5 hardy, true perennial
- Overwinters better than other carnations
- Excellent uniformity
- Double blooms
- True carnation
- Blooms continuously until frost

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

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

**USDA Hardiness Zone:** 5b

**Ideal Pot Sizes:** Quarts, Gallons

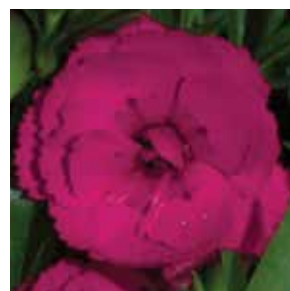
**Uses:** Pots, Combos, Landscapes



Red  
Ⓥ 3 Ⓢ 2 Ⓢ B



Burgundy  
Ⓥ 3 Ⓢ 2 Ⓢ B



Purple  
Ⓥ 3 Ⓢ 2 Ⓢ B



**Carmen**  
Burgundy



# SuperTrouper™ Dianthus

*Dianthus caryophyllus*

## UPRIGHT & MOUNDED

- Double flowers
- Excellent color range
- Wonderful fragrance
- Strong performer in pots and gardens

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

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

**USDA Hardiness Zone:** 6a

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Combos, Landscapes

NEW



Yellow 24

Ⓟ 3 Ⓢ 2 Ⓢ B



White

Ⓟ 3 Ⓢ 2 Ⓢ B



Orange

Ⓟ 3 Ⓢ 3 Ⓢ B



Light Pink

Ⓟ 3 Ⓢ 2 Ⓢ B



Silver Pink

Ⓟ 4 Ⓢ 2 Ⓢ B



Red+White

Ⓟ 3 Ⓢ 2 Ⓢ B



NEW Super Trouper™  
Yellow 24



Red+Pink

Ⓟ 3 Ⓢ 2 Ⓢ B



Scarlet

Ⓟ 3 Ⓢ 3 Ⓢ B



Lavender+Eye

Ⓟ 3 Ⓢ 2 Ⓢ B



Purple

Ⓟ 3 Ⓢ 2 Ⓢ B

# EverLast™ Dianthus

*Dianthus interspecific*

**MEDIUM VIGOR | UPRIGHT & MOUNDED**

- Most extensive color range
- Blooms in early Spring
- Tough as nails in any weather

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

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

**USDA Hardiness Zone:** 5a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Baskets, Combos, Landscapes

**NEW**



Cherry Swirl

Ⓟ 2 Ⓢ 1 Ⓢ B

**NEW**



Neon Pink

Ⓟ 2 Ⓢ 1 Ⓢ B



White+Eye

Ⓟ 2 Ⓢ 2 Ⓢ B



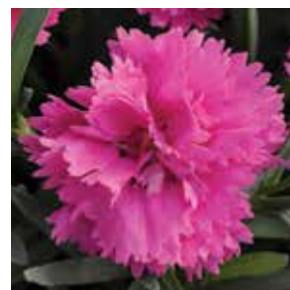
Pink to White

Ⓟ 2 Ⓢ 2 Ⓢ B



Pink Star

Ⓟ 2 Ⓢ 2 Ⓢ B



Orchid

Ⓟ 3 Ⓢ 2 Ⓢ B



Raspberry Cream

Ⓟ 3 Ⓢ 2 Ⓢ B



Red+Pink

Ⓟ 3 Ⓢ 2 Ⓢ B



Velvet

Ⓟ 1 Ⓢ 2 Ⓢ B



Lavender+Eye

Ⓟ 3 Ⓢ 2 Ⓢ B



Violet Blue

Ⓟ 3 Ⓢ 3 Ⓢ B



# Oscar® Dianthus

*Dianthus caryophyllus*

## COMPACT VIGOR | MOUNDED

- Hyper-uniform pot carnation series
- Best-branched habit on the market
- Long-lasting double blooms
- Stunning in mono-combos

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

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

**USDA Hardiness Zone:** 6a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos, Landscapes

NEW



Light Rose  
V2 S2 B

NEW



Neon Pink  
V2 S2 B



White  
V1 S2 B



Salmon  
V2 S2 B



Pink  
V2 S2 B



Pink+Purple  
V2 S2 B



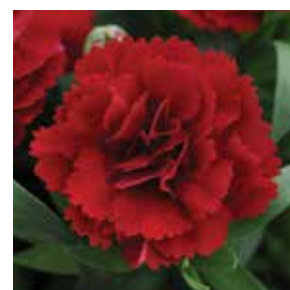
Red Star  
V2 S2 B



Cherry  
V2 S2 B



Cherry+Velvet  
V2 S2 B



Dark Red  
V2 S2 B



Purple Star  
V2 S2 B



Violet+Pink  
V2 S2 B



Purple  
V2 S2 B

# Scully Dianthus

*Dianthus caryophyllus*

## COMPACT VIGOR | UPRIGHT

- Vivid purple blooms contrast striking dark foliage
- Early and mid-Spring sales
- Versatile for indoor or outdoor use
- Grow cool for low-energy production
- Handles cold and wet conditions
- Thrives in Summer gardens
- Works well as indoor potted plants

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

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

**USDA Hardiness Zone:** 6a

**Ideal Pot Sizes:** Quarts

**Uses:** Pots, Combos



Scully  
V 2 L 2 B

# DiaDeur™ Dianthus

*Dianthus caryophyllus*

## MEDIUM VIGOR | UPRIGHT & MOUNDED

- Well-branched habit
- Low-energy growing; weather tolerant
- Fully double, multicolored blooms
- Fragrant flowers
- Ideal for containers – both indoor and outdoor – and garden use

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

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

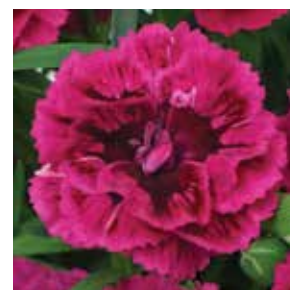
**USDA Hardiness Zone:** 6a

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Combos, Landscapes



Pink+Red  
V 3 L 2 B



Magenta+Red  
V 3 L 3 B



Velvet+White  
V 3 L 2 B



Magenta+White Edge  
V 3 L 2 B



# Palm Peach Dianthus

*Dianthus cultivars*

## MEDIUM VIGOR | UPRIGHT

- Extremely long-lasting flowers
- Windowsill item or compact potted plant
- Ideal for distribution center shipping
- Cold tolerant; not sensitive to ethylene

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

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

**USDA Hardiness Zone:** 7a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos



Palm Peach  
 ☺ 2 ☺ 2 ☺ B

# Purple Wedding™ Dianthus

*Dianthus cultivars*

## MEDIUM VIGOR | UPRIGHT

- Tricolored purple blooms include a dark eye
- Early, upright, dark-leaved carnation.
- Frost tolerant and lasts for months.
- Attracts pollinators to gardens.
- Works well as indoor potted plants.

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

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

**USDA Hardiness Zone:** 7a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos



Purple Wedding  
 ☺ 2 ☺ 2 ☺ B

# Dianthus and Carnations

## SCHEDULING GUIDE

<b>VERY EARLY</b> Early Love, I Love U												
	Propagation 66°-70° F 19°-21° C		Bulking 60°-70° F 15°-19° C		Slow Grow 55°-60° F 13°-15° C		Holding 38°-45° F 3°-7° C		Forcing 62°-70° F 17°-20° C		Retail	
GROWING CONDITIONS	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY
Cool Greenhouse												
Cold Perennial												
Cool Annual												

<b>EARLY</b> DiaDeur, Oscar, Pashmina, Scully, SuperTrouper												
	Propagation 66°-70° F 19°-21° C		Bulking 60°-70° F 15°-19° C		Slow Grow 55°-60° F 13°-15° C		Holding 38°-45° F 3°-7° C		Forcing 62°-70° F 17°-20° C		Retail	
GROWING CONDITIONS	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY
Cool Greenhouse												
Cold Perennial												
Cool Annual												

<b>MID</b> Capitán, Carmen, EverLast, Purple Wedding, Vivacia												
	Propagation 66°-70° F 19°-21° C		Bulking 60°-70° F 15°-19° C		Slow Grow 55°-60° F 13°-15° C		Holding 38°-45° F 3°-7° C		Forcing 62°-70° F 17°-20° C		Retail	
GROWING CONDITIONS	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY
Cool Greenhouse												
Cold Perennial												
Cool Annual												

<b>LATE</b> Palm Peach, Pink Kisses												
	Propagation 66°-70° F 19°-21° C		Bulking 60°-70° F 15°-19° C		Slow Grow 55°-60° F 13°-15° C		Holding 38°-45° F 3°-7° C		Forcing 62°-70° F 17°-20° C		Retail	
GROWING CONDITIONS	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY
Cool Greenhouse												
Cold Perennial												
Cool Annual												



Can't decide on the right dianthus and carnation for your growing conditions? Scan the QR code to open our interactive selection tool!

[SelectaNorthAmerica.com/Dianthus/Schedule](https://SelectaNorthAmerica.com/Dianthus/Schedule)





# POTTED PLANTS

Don't forget! Many of our Dianthus varieties add a pop of color indoors, when grown in pots, while other varieties look fantastic in gardens and landscapes. Flip back to page 106 to see the Dianthus varieties we recommend for growing outdoors.

## Key



### Vigor

- 1 low
- 2 low-medium
- 3 medium
- 4 medium-high
- 5 high



### Flowering Time

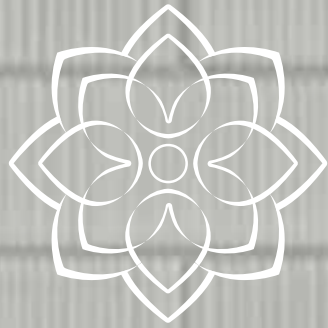
- 1 very early
- 2 early
- 3 standard



### Heat Tolerance

- A excellent
- B very good
- C good

Mandala Bright Orange, Yellow and Light Pink Kalanchoe



# Mandala™

## KALANCHOE



See how  
bright Mandala  
Kalanchoe's  
blooms are in  
this quick video.



# Mandala™ Kalanchoe

*Kalanchoe blossfeldiana*

**MEDIUM VIGOR | UPRIGHT | HIGH DENSITY**

- The most uniform kalanchoe series
- Consistent vigor, shape and response time
- Programmable, easy production

**Height:** 7 to 9 in. (18 to 23 cm)

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

**Ideal Pot Sizes:** Packs, Quarts, Gallons, Larger than Gallons

**Uses:** Indoor Potted Programs, Combos, Landscapes



Dark Red

③ 3, Response Time: 8 weeks,  
Bloom Size: 3.5 mm



White

③ 3, Response Time: 8 weeks,  
Bloom Size: 3.5 mm



Double White

④ 4, Response Time: 9 weeks,  
Bloom Size: 5 mm



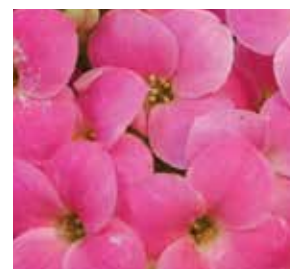
Light Pink

③ 3, Response Time: 7.5 weeks,  
Bloom Size: 4 mm



Pink+White

③ 3, Response Time: 8 weeks,  
Bloom Size: 2.5 mm



Pink

③ 3, Response Time: 7.5 weeks,  
Bloom Size: 2.5 mm



Hot Pink

③ 3, Response Time: 8 weeks,  
Bloom Size: 2.5 mm



Yellow

④ 4, Response Time: 7.5 weeks,  
Bloom Size: 3.5 mm



Double Orange

③ 3, Response Time: 7.5 weeks,  
Bloom Size: 2.5 mm



Bright Orange

③ 3, Response Time: 7.5 weeks,  
Bloom Size: 2.5 mm



Orange

③ 3, Response Time: 8 weeks,  
Bloom Size: 4 mm



Red

④ 4, Response Time: 8 weeks,  
Bloom Size: 3.5 mm



Rose

③ 3, Response Time: 8 weeks,  
Bloom Size: 2.5 mm



Purple

③ 3, Response Time: 8 weeks,  
Bloom Size: 4 mm



Add green to your **Kalanchoe** scene!  
Croco adds a textural element to mixes  
for a high-end look. Mix Croco with Red  
and White for a Christmas concept or with  
Yellow or Orange for St. Patrick's Day style.



Croco

④ 4, Response Time: 7.5 weeks

# Calynopsis™ Calceolaria

*Calceolaria hybrida*

**MEDIUM VIGOR | UPRIGHT | EARLY SEASON**

- Unique, colorful premium potted plant
- Early-season sales
- Liner supply limited to specific producers and ship weeks

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

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

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Landscapes

**NEW**



Yellow 24

Ⓥ2 Ⓢ1 ⓈC

**NEW**



Orange

Ⓥ1 Ⓢ3 ⓈC

**NEW**



Red 24

Ⓥ3 Ⓢ1 ⓈC



Yellow With Red

Ⓥ2 Ⓢ3 ⓈC



Red+Yellow Eye

Ⓥ1 Ⓢ2 ⓈC



**Calynopsis**  
Yellow With Red





# PERENNIALS

Don't forget! Many of our dianthus varieties are well-suited as perennials. Flip back to page 106 to see the ones we recommend for perennial use in gardens and landscapes.

## Key

### ✓ Vigor

- 1 low
- 2 low-medium
- 3 medium
- 4 medium-high
- 5 high



### Flowering Time

- 1 very early
- 2 early
- 3 standard



### Heat Tolerance

- A excellent
- B very good
- C good

# Belleza® Gaura

*Gaura lindheimeri*

**MEDIUM VIGOR | UPRIGHT**  
**HIGH DENSITY | SUN LOVER**

- Excellent branching
- Performs in high humidity/extreme heat
- Great companion plant
- Native pollinator

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

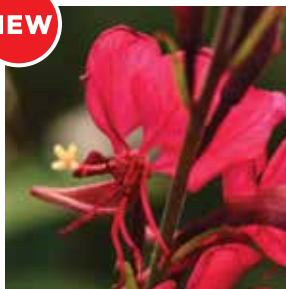
**Spread:** 16 to 20 in. (41 to 51 cm)

**USDA Hardiness Zone:** 6a to 9b

**Ideal Pot Sizes:** Gallons

**Uses:** Pots, Landscapes

**NEW**



Dark Pink 24

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 3 Ⓢ 2 Ⓢ A



Compact Light Pink

Ⓥ 2 Ⓢ 1 Ⓢ B



Belleza White



# Sweet Dreams™ Blue Lavandula

*Lavandula angustifolia*

**MEDIUM VIGOR | UPRIGHT | SUN LOVER**

- Low-to-no vernalization requirements
- Strong, well-branched plants
- Deep blue flowers; superior fragrance
- Excellent Summer performance

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

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

**USDA Hardiness Zone:** 5a

**Ideal Pot Sizes:** Quarts, Gallons

**Uses:** Pots, Combos, Landscapes



Sweet Dreams Blue

Ⓟ 3 Ⓢ 2 Ⓢ A



# LaVela™ Lavender

*Lavandula stoechas*

**MEDIUM VIGOR | UPRIGHT**

- Tender perennial
- Flowers for early-season sales
- Large and showy blooms
- Well-branched Spanish Lavender

**Height:** 13 to 15 in. (33 to 38 cm)

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

**USDA Hardiness Zone:** 7a

**Ideal Pot Sizes:** Quarts, Gallons, Larger than Gallons

**Uses:** Pots, Combos



Compact White

Ⓥ3 Ⓢ1 ⓈB



Compact Dark Pink

Ⓥ2 Ⓢ1 ⓈB



Dark Violet

Ⓥ3 Ⓢ2 ⓈB



Compact Dark Violet

Ⓥ2 Ⓢ2 ⓈB



**LaVela** Dark Violet





# HERBS

Key

✓ Vigor	🕒 Flowering Time	🌡️ Heat Tolerance
1 low	1 very early	A excellent
2 low-medium	2 early	B very good
3 medium	3 standard	C good
4 medium-high		
5 high		

# Herbs

Home garden-to-kitchen table cooking is increasing in popularity. Take advantage of this trend with Selecta One's quality vegetative herb collection!

Selecta One's sweet and savory herbs liven up home gardeners' window boxes, patio pots, garden borders and kitchen countertops. Spice up your growing routine by ordering beautiful and flavorful herbs today!



**Compactus**  
*Thymus x citriodorus*



**Compactum**  
*Origanum vulgare*



**Silver Queen**  
*Thymus x citriodorus*



**Tuscan Blue**  
*Rosmarinus officinalis*



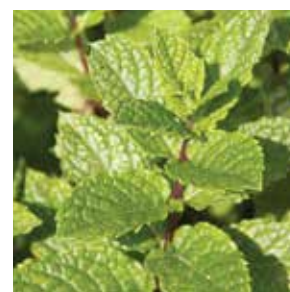
**Berggarten**  
*Salvia officinalis*



**Lemon Verbena**  
*Lippia citriodora*



**Aurea**  
*Salvia officinalis*



**Moroccan**  
*Mentha spicata*



**Chocolate Mint**  
*Mentha x piperita*



**Greek Columnar**  
*Ocimum basilicum*



**Lemon Balm**  
*Melissa officinalis*



**Italian**  
*Origanum vulgare*





Marjoram  
*Origanum vulgare*



Faustinoi  
*Thymus vulgaris*



Perigord  
*Rosmarinus officinalis*



Tricolor  
*Salvia officinalis*



Hot & Spicy  
*Origanum vulgare*



Grower's Friend  
*Salvia officinalis*



Common  
*Rosmarinus officinalis*



Prostratus  
*Rosmarinus officinalis*



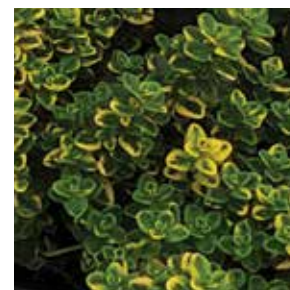
Common  
*Mentha x piperita*



Bicolor Ocimum  
*basilicum*



Purpurascens  
*Salvia officinalis*



Spanish  
*Thymus x citriodorus*



Doone Valley  
*Thymus x citriodorus*



Italian Red Ocimum  
*basilicum*

# All the Product Forms You Need

Selecta One offers you a range of different product forms including unrooted cuttings and TrixiLiners. Also available are AutoStix<sup>®</sup> pre-rooted cuttings designed to eliminate the time and costs associated with traditional liner production. Our groundbreaking products and forms make Selecta One's offering the most innovative in the industry – with your success in mind!



## Unrooted cuttings (URCs)

All Selecta One varieties are available as URCs.

- Variety minimum/multiples of 100
- Order minimum is 2,000
- Available exclusively through Ball Seed<sup>®</sup>
- Also available in AutoStix<sup>®</sup> strip



## AutoStix<sup>®</sup> strip cuttings

Same high-quality unrooted cuttings from Selecta One in a biodegradable strip for automated transplanting.

- Variety and order minimums are the same as URC
- Order minimum is 2,000
- Available exclusively through Ball Seed



## Callused cuttings

Available in Osteospermum, the cuttings can be direct stuck to the finish container, so propagation is cut by 7 to 9 days.

- Variety minimum is multiples of 100
- Order minimum is 2,000
- Available exclusively through Ball Seed



## Rooted cuttings

Selecta One varieties are available as rooted cuttings from Selecta One licensed Root & Sell Stations. To find contact information for our Root & Sell Stations in the U.S. and Canada, turn to the back cover.

- Available from your preferred broker



## Trixi<sup>®</sup>

Upgraded to customize the treatment of components, Trixi gives you a stronger start for a better finish of 100% complete and balanced color combos. For more information, see page 5 or go to [SelectaNorthAmerica.com](http://SelectaNorthAmerica.com).

- Available from your preferred broker

## Selecta One Clean & Field-Tested Varieties

Every Selecta One variety is rigorously tested before entering our program and is subject to the same testing annually. Our Selecta One Clean Stock program follows strict, internationally recognized protocols, and is based on 60 years of experience. Clean Stock starts in the Selecta One clean stock facility in Stuttgart, Germany. The Selecta One production centers are located in Kenya, Uganda and Canada. Our field-tested products are intensively rated for performance and provide benefits for growers as well as for consumers.





## Discontinued Selecta One Varieties for 2024

Variety	Recommended Replacement	Variety	Recommended Replacement
Bacopa Big Falls Dark Blue	Bacopa Big Falls Dark Blue 24	Gaura Belleza Dark Pink	Gaura Belleza Dark Pink 24
Bacopa Big Falls Dark Pink	Bacopa Big Falls Dark Pink 24	Impatiens New Guinea ImPower White	Impatiens New Guinea ImPower White 24
Bacopa Big Falls Pearl	Bacopa Big Falls Pearl 24	Mandevilla Magnetica Dark Red	No replacement
Bracteantha Mohave Dark Red 23	Bracteantha Mohave Fire Red	Osteospermum 4D Dark Violet+White	Osteospermum 4D Berry White
Bracteantha Mohave White	Bracteantha Mohave White 24	Osteospermum 4D Pink	Osteospermum 4D Purple
Calceolaria Calynopsis Red	Calceolaria Calynopsis Red 24	Osteospermum FlowerPower Compact Violet+Eye	Osteospermum FlowerPower Pink+Eye
Calceolaria Calynopsis Yellow	Calceolaria Calynopsis Yellow 24	Osteospermum Zion Magic Yellow	Osteospermum Morning Sun
Calibrachoa MiniFamous Neo Double Pink	Calibrachoa MiniFamous Neo Double Pink 24	Pericallis Senetti Violet Bicolor	Pericallis Senetti Blue Bicolor
Dianthus SuperTrouper Yellow	Dianthus SuperTrouper Yellow 24	Pericallis Senetti White	Pericallis Senetti White 24
Dianthus Dianthalot Dark Red+Star	Dianthus Pashmina Berry Red	Petunia Headliner Blue	Petunia Headliner Blue 24
Dianthus Dianthalot Pink+Star	Dianthus Pashmina Magenta	Petunia Headliner Red Star	Petunia Headliner Strawberry Sky
Dianthus EverLast Burgundy Blush	Dianthus EverLast Red+Pink	Petunia SweetSunshine Burgundy	Petunia SweetSunshine Magenta
Dianthus EverLast Magenta	Dianthus EverLast Neon Pink	Petunia SweetSunshine Light Pink	Petunia SweetSunshine Pink+Red Vein
Dianthus EverLast Purple	Dianthus EverLast Red+Pink	Phlox Gisele Scarlet	Phlox Gisele Red
Diascia Piccadilly Dark Orange	Diascia Piccadilly Dark Salmon	Portulaca PortoGrande White	Portulaca PortoGrande White 24
Geranium, Ivy Balcon Pink	Geranium, Ivy Balcon Pink 24	Trixi Ball Game	Trixi Ball Game 24
Geranium, Ivy Royal Brilliant Red	Geranium, Ivy Royal Scarlet Red	Trixi Blueberry Parfait	Trixi Blueberry Parfait 24
Geranium, Zonal Moonlight Coral	Geranium, Zonal Moonlight Hot Coral	Trixi Can't Be Beat	Trixi Can't Be Beat 24
Geranium, Zonal Moonlight Red	Geranium, Zonal Moonlight Red 24	Trixi Twinkle Star	Trixi Out of the Blue
Geranium, Zonal Sunrise Pink+Big Eye	Geranium, Zonal Sunrise Purple+Big Eye	Verbena Beats Purple	Verbena Beats Bright Purple
Geranium Zonal Moonlight Raspberry Blush 23	Geranium Zonal Moonlight Raspberry Blush		

## Renamed Selecta One Varieties for 2024

Variety	2024 Rename
Bidens Namid Compact Yellow 23	Bidens Namid Compact Yellow
Bracteantha Mohave Apricot 23	Bracteantha Mohave Apricot
Calibrachoa MiniFamous Uno Double White 23	Calibrachoa MiniFamous Uno Double White
Calibrachoa MiniFamous Uno Pink 23	Calibrachoa MiniFamous Uno Pink
Dahlia Dahlietta Anna 23	Dahlia Dahlietta Anna
Dahlia Dahlietta Patty 23	Dahlia Dahlietta Patty
Dahlia Venti Tequila Sunrise 23	Dahlia Venti Tequila Sunrise
Geranium Zonal Moonlight Raspberry Blush 23	Geranium Zonal Moonlight Raspberry Blush
Lavandula LaVela Compact Dark Pink 23	Lavandula LaVela Compact Dark Pink
New Guinea Impatiens ColorPower Orange 23	New Guinea Impatiens ColorPower Orange
New Guinea Impatiens ImPower Orange 23	New Guinea Impatiens ImPower Orange
Petunia Headliner Pink Sky 23	Petunia Headliner Pink Sky
Sanvitalia Tsavo Yellow Compact 23	Sanvitalia Tsavo Yellow Compact
Scaevola Fairy Pink 23	Scaevola Fairy Pink
Trixi On the Double 23	Trixi On the Double
Trixi Starlight Starbright 23	Trixi Starlight Starbright

# Selecta Varieties Covered by Flowering Only Terms & Conditions

COMMERCIAL NAME	VARIETY NAME	COMMERCIAL NAME	VARIETY NAME	COMMERCIAL NAME	VARIETY NAME	COMMERCIAL NAME	VARIETY NAME
<b>Bacopa</b>		<b>City Lights™</b> Red	'KLEDH1801'	<b>Erysimum</b>		<b>ColorPower™</b> Red	'KLENI2160'
Big Falls™ Dark Blue 24	'KLESG22017'	Dahletta™ Anna	'DAPADPOR'	Brightside™ Dark Yellow	'KLEEEY22068'	ColorPower™ Red Flame	'KLENI1752'
Big Falls™ Dark Pink 24	'KLESG22041'	Dahletta™ Blanca	'Baldablanci'	Brightside™ Lemon Glow	'KLEEEY21077'	ColorPower™ Rose	'KLEIO2057'
Big Falls™ Pearl 24	'KLESG22040'	Dahletta™ Candy	'Baldahcan'	Brightside™ Magenta Glow	'KLEEEY21069'	ColorPower™ Salmon Pink	'KLENI07088'
Big Falls™ Pink+Rose Eye	'KLESG22020'	Dahletta™ Coby	'Baldacob'	Brightside™ Orange Glow	'KLEEEY22071'	ColorPower™ Violet	'KLENI05079'
Big Falls™ White	'KLESG13255'	Dahletta™ Emily	'Daparos'	Brightside™ Purple Glow	'KLEEEY21070'	ColorPower™ White	'KLENI21180'
Big Falls™ White 24	'KLESG22036'	Dahletta™ Julia	'Baldajul'			ColorPower™ White	'KLENI17151'
		Dahletta™ Louise	'Dapasula (EU:Louise)'	<b>Euphorbia</b>		White Red Flame	
<b>Begonia</b>		Dahletta™ Louise	'DAPAPU'	Loreen™ Compact White	'KLEEH20247'	ImPower™ Dark Red	'KLENI15142'
Mistral™ Dark Red	'KLEBG14477'	Dahletta™ Paula	'Dapasupa'	Loreen™ White	'KLEEC15272'	ImPower™ Lavender	'KLENI17154'
Mistral™ Double Orange	'KLEBG15006'	Dahletta™ Rachel	'Dapaor'			ImPower™ Orange	'KLENI21198'
Mistral™ Orange	'KLEBG13461'	Dahletta™ Shirley		<b>Fuchsia</b>		ImPower™ Pink Frost	'KLENI19901'
Mistral™ Pink	'KLEBG16500'	Dahletta™ Tessy	'Dapared'	Bellinto™ Compact Red+Violet	'KLEFU14838'	ImPower™ Purple Blue	'KLENI05080'
Mistral™ Yellow	'KLEBG16495'	Dahlita™ Bright Red	'Baldalmipa'	Bellinto™ Compact Red+White	'KLEFU14840'	ImPower™ Red	'KLENI21923'
Compact Double Apricot	'KLEBG18012'	Dahlita™ Purple+White Eye	'DAFEMOGTREDIVE'	Bellinto™ Red+Blue	'KLEFU14842'	ImPower™ Red Flame	'KLENI17152'
Orange Lantern	'KLEBG20040'	Dahlita™ Red+Yellow Eye	'DAFIREOGTREDIVE'	Bellinto™ Red+White	'KLEFU14843'	ImPower™ Salmon	'KLENI07088'
		Dahlita™ Rose Pink	'DAFIREOGTYVE'			ImPower™ Violet	'KLENI10128'
<b>Bidens</b>		Dahlita™ White	'DAENOGTREDIVE'	<b>Gaura</b>		ImPower™ White 24	'KLENI22609'
Namid™ Compact Yellow	'KLEBF21342'	Dahlita™ Yellow	'DATOOGTREDIVE'	Belleza™ Compact Light Pink	'KLEGL06261'	ImPower™ White Pink Eye	'KLENI13133'
Namid™ Early Yellow	'KLEBF11764'	Dalaya™ Apricot	'Baldadenap'	Belleza™ Dark Pink 24	'KLEGL22507'		
Namid™ Red+Yellow Eye	'KLEBF21468'	Dalaya™ Fireball	'Baldenire'	Belleza™ White	'KLEGL14844'		
Namid™ Special Yellow	'KLEBF15323'	Dalaya™ Pink+Lemon	'KLEDH10032'			<b>Kalanchoe</b>	
		Dalaya™ Pink+Rose Eye	'KLEDH11031'	<b>Geranium, Interspecific</b>		Mandala™ Bright Orange	'Acheron'
<b>Bracteantha</b>		Dalaya™ Pink+White	'KLEDH16094'	Marcada™ Dark Red	'KLEIP22654'	Mandala™ Croco	'Crocta'
Mohave™ Apricot	'KLEBB22090'	Dalaya™ Purple+White	'DAOTTEOGTREDIVE'	Marcada™ Electric Purple	'KLEIP23785'	Mandala™ Dark Red	'KLEKB20040'
Mohave™ Basket Yellow	'KLEBB21007'	Dalaya™ Raspberry	'Baldenasp'	Marcada™ Magenta	'KLEIP13348'	Mandala™ Double Orange	'Demeter'
Mohave™ Fire Red	'KLEBB23106'	Dalaya™ Red+Yellow Eye	'KLEDH14083'	Marcada™ Orange	'KLEIP22657'	Mandala™ Double White	'KLEKB20034'
Mohave™ Pink	'KLEBB16014'	Dalaya™ Vampire	'Baldadendre'	Marcada™ Pink	'KLEIP13347'	Mandala™ Hot Pink	'KLEKB18013'
Mohave™ Purple Red	'KLEBB22108'	Dalaya™ White	'DAATTEEN'	Marcada™ Pink+Purple Eye	'KLEIP19162'	Mandala™ Light Pink	'KLEKB20027'
Mohave™ White 24	'KLEBB08392'	Dalaya™ Yellow	'KLEDH17008'	Marcada™ White	'KLEIP19284'	Mandala™ Orange	'KLEKB20024'
Mohave™ Yellow		Dalaya™ Yellow+Red Eye	'KLEDH13033'			Mandala™ Pink	'KLEKB20028'
		Venti™ Golden Yellow	'DANITTEN'	<b>Geranium, Ivy</b>		Mandala™ Pink+White	'KLEKB18011'
<b>Calceolaria</b>		Venti™ Lemon	'DANIOTGYVE'	Balcon Ice Dance Pink	'KLEPP17499'	Mandala™ Purple	'KLEKB20038'
Calynopsis™ Orange	'KLECH22100'	Venti™ Light Rose	'DANIOTGREDIVE'	Glacier Compact	'KLEPP22649'	Mandala™ Red	'Thalia'
Calynopsis™ Red 24	'KLECH20089'	Venti™ Mango	'Baldacora'	Armetyst+Eye		Mandala™ White	'Asteria'
Calynopsis™ Red+Yellow Eye	'KLECH21049'	Venti™ Passion Fruit	'Baldenink'	Glacier White	'KLEPO4112'	Mandala™ Yellow	'KLEKB19020'
Calynopsis™ Yellow 24	'KLECH22097'	Venti™ Pink+White Eye	'DASYVOGTGYVE'	Royal™ Blue	'KLEBLUE'		
Calynopsis™ Yellow With Red	'KLECH10008'	Venti™ Red+White	'DATRETTEN'	Royal™ Candy Cane®	'KLEPP19184'	<b>Lavendula</b>	
		Venti™ Royal Purple	'DATOOGTYVE'	Royal™ Dark Burgundy	'KLEPP12267'	Sweet Dreams™ Blue	'KLELV16119'
<b>Calibrachoa</b>		Venti™ Royal Purple 24	'Baldadenurpl'	Royal™ Dark Red	'IRT19151'	LaVela™ Compact Dark Pink	'KLELV22017'
MiniFamous™ Neo Blue	'KLECA12236'	Venti™ Tequila Sunrise	'Baldateqm'	Royal™ Hot Pink	'KLEPP19069'	LaVela™ Compact Dark Violet	'KLELV22013'
MiniFamous™ Neo Deep Orange	'KLECA18501'			Royal™ Light Pink	'KLEPO2060'	LaVela™ Compact White	'KLELV17124'
MiniFamous™ Neo Deep Yellow	'KLECA15327'	<b>Dianthus</b>		Royal™ Purple	'KLEPP22647'	LaVela™ Dark Violet	'KLELV13110'
MiniFamous™ Neo Double Amethyst	'KLECA09208'	Capitán™ Magnifica	'KLEDP23480'	Royal™ Scarlet Red	'KLEPP08207'		
MiniFamous™ Neo Double Dark Blue	'KLECA15269'	Capitán™ Pink+Eye	'KLEDPI8259'	Royal™ White	'KLEPP17459'	<b>Lobelia</b>	
MiniFamous™ Neo Double Deep Yellow	'KLECA11225'	Capitán™ Purple Frost	'KLEDP23440'			Magadi™ Dark Blue	'KLELE10724'
MiniFamous™ Neo Double Lemon	'KLECA15290'	Capitán™ Purple+White	'KLEDP23028'	<b>Geranium, Zonal</b>		Magadi™ Electric Blue	'KLELE10670'
MiniFamous™ Neo Double OrangeTastic	'KLECA19067'	Capitán™ Red White Edge	'KLEDPI6209'	Moonlight™ Blue	'IRTPZ20125'	Magadi™ Electric Purple	'KLELE14588'
MiniFamous™ Neo Double Pink 24	'KLECA22883'	Capitán™ White+Pink	'KLEDPI6194'	Moonlight™ Brilliant Red	'KLEPZ17154'	Magadi™ Basket Dark Blue	'KLELE2095'
MiniFamous™ Neo Double PlumTastic	'KLECA21509'	Capitán™ White+Purple	'KLEDPI6193'	Moonlight™ Dark Fuchsia	'KLEPZ15397'	Magadi™ Basket Dark Purple	'KLELE17018'
MiniFamous™ Neo Double Purple	'KLECA14276'	Carmen™ Burgundy	'KLEDPI1106'	Moonlight™ Dark Red	'KLEPZ17155'	Magadi™ Basket White	'KLELE17169'
MiniFamous™ Neo Double Red	'KLECA19011'	Carmen™ Purple	'KLEDPI6239'	Moonlight™ Hot Coral	'KLEPZ23795'	Magadi™ Compact Blue	'KLELE21094'
MiniFamous™ Neo Double Silver Blue	'KLECA18364'	Carmen™ Red	'KLEDPI6214'	Moonlight™ Lavender	'KLEPZ1229'	Magadi™ Compact Blue Bay	'KLELE20103'
MiniFamous™ Neo Double White	'KLECA22893'	DiaDeur™ Magenta+Red	'KLEDPI2031'	Moonlight™ Light Pink+Big Eye	'KLEPZ21614'	Magadi™ Compact Dark Blue	'KLELE20100'
MiniFamous™ Neo Double White	'KLECA18408'	DiaDeur™ Magenta+White Edge	'KLEDPI6186'	Moonlight™ Light Salmon	'KLEPZ21614'	Magadi™ Compact Purple	'KLELE14001'
MiniFamous™ Neo Double White	'KLECA18408'	DiaDeur™ Pink+Red	'KLEDPI7264'	Moonlight™ Orange	'KLEPZ17400'	Magadi™ Compact White	'KLELE21019'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Cherry Swirl	'KLEDG22394'	Moonlight™ Pink	'KLEPZ10234'		
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Lavender+Eye	'KLEDG10117'	Moonlight™ Pink+Big Eye	'KLEPZ21615'	<b>Nemesia</b>	
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Neon Pink	'KLEDG22448'	Moonlight™ Raspberry Blush	'KLEPZ21596'	Whimsy™ Deep Rose	'KLENIH22153'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Orchid	'KLEDG10119'	Moonlight™ Red 24	'KLEPZ23793'	Whimsy™ Orange Sunset	'KLENIH22626'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Pink Star	'KLEDG19308'	Moonlight™ White	'KLEPZ12316'	Whimsy™ Red	'KLENIH22401'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Pink to White	'KLEDG20339'	Super Moon™ Red	'KLEPZ17484'	Whimsy™ White	'KLENIH22852'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Raspberry Cream	'KLEDG13158'	Sunrise™ Appleblossom	'KLEPZ21576'	Whimsy™ Yellow	'KLENIH22622'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Red+Pink	'KLEDG15176'	Sunrise™ Bright Lilac	'KLEPZ21576'		
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Velvet	'KLEDG13160'	Sunrise™ Bright Scarlet	'KLEPZ05141'	<b>Osteospermum</b>	
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ Violet Blue	'KLEDG20336'	Sunrise™ Brilliant Red	'KLEP03105'	4D™ Berry White	'KLEOE15257'
MiniFamous™ Neo Double White	'KLECA18408'	EverLast™ White+Eye	'KLEDG14174'	Sunrise™ Dark Red	'KLEPZ17509'	4D™ Harvest Moon	'KLEOE18043'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Cherry	'KLEDPI1109'	Sunrise™ Dark Red	'KLEPZ18546'	4D™ Pink Ice	'KLEOE23706'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Cherry+Velvet	'KLEDPI7089'	Sunrise™ Hot Pink	'KLEPZ18546'	4D™ Purple	'KLEOE17320'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Dark Red	'KLEDPI1108'	Sunrise™ Hot Rose+Eye	'KLEPZ15403'	4D™ Sunburst	'KLEOE18048'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Light Rose	'KLEDPI22351'	Sunrise™ Lavender	'KLEPZ2586'	4D™ Violet Ice	'KLEOE18048'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Neon Pink	'KLEDPI20105'	Sunrise™ Light Pink	'KLEPZ2586'	4D™ White	'KLEOE21634'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Pink	'KLEDPI1011'	Sunrise™ Light Salmon	'KLEPZ17434'	4D™ Yellow	'KLEOE19398'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Pink+Purple	'KLEDPI1011'	Sunrise™ Orange	'KLEPZ17434'	Daisy Falls™ Pink	'KLEOE16286'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Purple	'KLEDPI20346'	Sunrise™ Purple+Big Eye	'KLEPZ05129'	Daisy Falls™ Purple	'KLEOE16285'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Purple Star	'KLEDPI8090'	Sunrise™ Raspberry Eye	'KLEPZ23783'	Daisy Falls™ White Amethyst	'KLEOE16287'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Red Star	'KLEDPI9263'	Sunrise™ Red	'KLEPZ07197'	FlowerPower™ Compact Pink+Eye	'KLEOE20559'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Salmon	'KLEDPI1579'	Sunrise™ Rose+Big Eye	'KLEPZ18547'	FlowerPower™ Compact Purple	'KLEOE17333'
MiniFamous™ Neo Double White	'KLECA18408'	Oscar™ Violet+Pink	'KLEDPI1762'	Sunrise™ Salmon	'KLEPZ20550'	FlowerPower™ Compact Purple Red	'KLEOE12201'
MiniFamous™ Neo Double White	'KLECA18408'	Early Love™	'KLEDG18267'	Sunrise™ Salmon+Red Eye	'KLEPZ16424'	FlowerPower™ Compact White	'KLEOE14205'
MiniFamous™ Neo Double White	'KLECA18408'	I Love U™	'KLEDG18267'	Sunrise™ Violet	'KLEPZ11276'	FlowerPower™ Compact Yellow	'KLEOE18318'
MiniFamous™ Neo Double White	'KLECA18408'	Palm Peach™	'KLEDG20383'	Sunrise™ White	'KLEPZ10271'	FlowerPower™ Spider Pink	'KLEOE05520'
MiniFamous™ Neo Double White	'KLECA18408'	Pink Kisses™	'KLEDG18305'	Sunrise™ White+Eye	'KLEPZ17487'	FlowerPower™ Spider Purple	'KLEOE16297'
MiniFamous™ Neo Double White	'KLECA18408'	Purple Wedding™	'KLEDG12163'	Super Moon™ Compact	'KLEPZ22620'	FlowerPower™ Spider White	'KLEOE08146'
MiniFamous™ Neo Double White	'KLECA18408'	Scully™	'KLEDG18274'	Bright Red™	'KLEPZ22686'	Zion™ Blue Denim	'KLEOE21290'
MiniFamous™ Neo Double White	'KLECA18408'	Pashmina™ Berry Red	'KLEDG19309'			Zion™ Copper Amethyst	'KLEOE09175'
MiniFamous™ Neo Double White	'KLECA18408'	Pashmina™ Magenta	'KLEDG13358'	<b>Helichrysum</b>		Zion™ Morning Sun	'KLEOE19395'
MiniFamous™ Neo Double White	'KLECA18408'	Pashmina™ Pink+White	'KLEDG19303'	Silver Ribbon™	'HYBHS18021'	Zion™ Orange Burst	'KLEOE22724'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Lavender+Eye	'KLEDG23450'	Silver Stitch™	'HYBHS18023'	Zion™ Pink Orbit	'KLEOE22715'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Light Pink	'KLEDPI6188'	Silver Threads™	'HYBHS18538'	Zion™ Pink Sun	'KLEOE20583'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Orange	'KLEDPI9289'			Zion™ Pure Yellow	'KLEOE14243'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Purple	'KLEDPI6080'	<b>Heliotrope</b>		Zion™ Purple Sun	'KLEOE19396'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Red+Pink	'KLEDPI5187'	Marino™ Blue	'KLEHA13711'	Zion™ Red	'KLEOE16278'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Red+White	'KLEDPO5070'	Marino™ White	'KLEHA14006'	Zion™ Rose Surprise	'KLEOE22627'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Silver	'KLEDPI09103'				
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Scarlet	'KLEDPI3155'	<b>Impatiens, Interspecific</b>		<b>Pericallis</b>	
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Silver Pink	'KLEDPO7093'	Bounce™ Bright Coral	'Balbocour'	Senetti™ Blue Bicolor	'Sunsenebubakai'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ White	'KLEDPI8255'	Bounce™ Cherry	'Balboucher'	Senetti™ Cobalt Blue	'Sunsenehaha'
MiniFamous™ Neo Double White	'KLECA18408'	SuperTrouper™ Yellow 24	'KLEDPI2374'	Bounce™ Pink Flame	'Balbouchin'	Senetti™ Magenta	'Sunsenera'
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ Bright Red	'KLEDPI6231'	Bounce™ Violet	'Balbouvimp'	Senetti™ Magenta Bicolor	'Sunsenera'
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ Deep Red	'KLEDPI6226'	Bounce™ White	'Balboute'	Senetti™ Pink Bicolor	'Sunsenebpa'
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ Light Pink	'KLEDPI23382'			Senetti™ White 24	'Sene Niregoku'
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ Orange	'KLEDPI2376'	<b>Impatiens, New Guinea</b>			
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ Pink	'KLEDPI6230'	ColorPower™ Cerise Frost	'KLEI04077'		
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ Purple+White	'KLEDPI6232'	ColorPower™ Coral Flame	'KLENI05082'		
MiniFamous™ Neo Double White	'KLECA18408'	Vivacia™ White	'KLEDPI23373'	ColorPower™ Dark Pink Flame	'KLENI1124'		
				ColorPower™ Dark Red	'KLENI15142'		
<b>Diascia</b>				ColorPower™ Lavender Flame	'KLENI05082'		
Piccadilly™ Appleblossom	'KLEDI04015'			ColorPower™ Light Pink+Eye	'KLENI13133'		
Piccadilly™ Dark Red	'KLEDH11787'			ColorPower™ Orange	'KLENI21198'		
Piccadilly™ Dark Salmon	'KLEDB18008'			ColorPower™ Orange Flame	'KLENI05081'		
Piccadilly™ Pink	'KLEDB10714'			ColorPower™ Orchid	'KLENI17155'		
Piccadilly™ White	'KLEDB13529'			ColorPower™ Peach Frost	'KLENI19155'		
				ColorPower™ Purple Blue	'KLENI05080'		



# Important Plant Protection & Licensing Information

## COMMERCIAL NAME

Headliner™ Blue 24  
Headliner™ Blueberry Swirl  
Headliner™ Crystal Sky  
Headliner™ Dark Saturn  
Headliner™ Dark Violet Picotee  
Headliner™ Electric Purple  
Headliner™ Electric Purple Sky  
Headliner™ Enchanted Sky  
Headliner™ Lavender Picotee  
Headliner™ Light Pink Sky  
Headliner™ Lipstick  
Headliner™ Night Sky®  
Headliner™ Pink Sky  
Headliner™ Pink Vein  
Headliner™ Raspberry Star  
Headliner™ Raspberry Swirl  
Headliner™ Red  
Headliner™ Sky Blue  
Headliner™ Starry Sky Burgundy  
Headliner™ Strawberry Sky  
Headliner™ Violet Sky  
Headliner™ White  
Headliner™ White Rose Vein  
Headliner™ Yellow  
Main Stage™ Blueberry  
Main Stage™ Glacier Sky  
Main Stage™ Hot Pink  
Main Stage™ Pink  
Main Stage™ Pink Vein  
Main Stage™ Purple  
Main Stage™ Red  
Main Stage™ Violet  
Main Stage™ Violet Picotee  
Main Stage™ White  
Starlet™ Blue  
Starlet™ Blueberry Vein  
Starlet™ Burgundy  
Starlet™ Dark Pink  
Starlet™ Light Pink  
Starlet™ Magenta Star  
Starlet™ Midnight Sky  
Starlet™ Pink Lemonade  
Starlet™ Pinot Red  
Starlet™ Red  
Starlet™ Salmon Red Vein  
Starlet™ Velvet  
Starlet™ White  
Starlet™ Yellow  
SweetSunshine™ Blueberry Vein  
SweetSunshine™ Magenta  
SweetSunshine™ Magenta Sky  
SweetSunshine™ Pink+Red Vein  
SweetSunshine™ Provence

## Phlox

Gisele™ Hot Pink  
Gisele™ Light Pink+Eye  
Gisele™ Pink  
Gisele™ Purple  
Gisele™ Red  
Gisele™ White

## Portulaca

PortoGrande™ Magenta  
PortoGrande™ Orange  
PortoGrande™ Raspberry  
Lemonade  
PortoGrande™ Scarlet  
PortoGrande™ White 24  
PortoGrande™ Yellow

## Salvia

Skyscraper™ Dark Purple  
Skyscraper™ Orange  
Skyscraper™ Pink

## Sanvitalia

Tsavo™ Compact Yellow

## Scaevola

Fairy™ Blue  
Fairy™ Pink  
Fairy™ White

## Verbena

Beats™ Blue  
Beats™ Blue+White  
Beats™ Bright Purple  
Beats™ Pink Shades  
Beats™ Purple+White  
Beats™ Red  
Beats™ Red+White  
Beats™ White  
Blues™ Lavender+Eye  
Blues™ Light Pink+Eye  
Blues™ Magenta+Eye  
Blues™ Purple+Eye  
Blues™ Red  
Blues™ Rose+Eye  
Blues™ Violet+Eye  
Blues™ White  
Lascar™ Black Velvet  
Lascar™ Blue+White  
Lascar™ Burgundy  
Lascar™ Dark Red  
Lascar™ Dark Violet  
Lascar™ Mango Orange  
Lascar™ Orange Lava  
Lascar™ Pink  
Lascar™ Purple  
Lascar™ Purple+White  
Lascar™ Red Rose  
Lascar™ Vampire  
Lascar™ White

## VARIETY NAME

'KLEPH23557'  
'KLEPH16332'  
'KLEPH20411'  
'KLEPH18130'  
'KLEPH19120'  
'KLEPH20491'  
'KLEPH20513'  
'KLEPH20580'  
'KLEPH22622'  
'KLEPH22597'  
'KLEPH17318'  
'KLEPH15313'  
'KLEPH22684'  
'KLEPH14244'  
'KLEPH14267'  
'KLEPH19198'  
'KLEPH14248'  
'KLEPH14245'  
'KLEPH18389'

'KLEPH22668'  
'KLEPH23780'  
'KLEPH14247'  
'KLEPH11217'  
'KLEPH15261'  
'KLEPH14273'  
'KLEPH21480'  
'KLEPH11204'  
'KLEPH11202'  
'KLEPH16274'  
'KLECO30333'  
'KLEPH12216'  
'KLEPH17300'  
'KLEPH09189'  
'KLEPH19362'  
'Balspunlu'  
'KLEPH19396'  
'Balspunburg'  
'KLEPH11999'  
'KLEPH20490'  
'KLEPH17365'  
'KLEPH19440'  
'KLEPH14251'  
'KLEPH18034'  
'KLEPH19412'  
'KLEPH14253'  
'KLEPH19035'  
'Balspunwhi'  
'KLEPH13238'  
'KLEPH22655'  
'KLEPH13234'  
'KLEPH23625'  
'KLEPH22658'  
'KLEPH13235'

'KAZI14826'  
'KLEXP20585'  
'KAZI14750'  
'KLEXP20586'  
'KAZI20094'  
'KAZI14830'

'KLEPO21045'  
'KLEPO14824'  
'KLEPO17022'  
'KLEPO14822'  
'KLEPO22066'  
'KLEPO14825'

'HYBSV16016'  
'HYBSV18020'  
'HYBSV16017'

'KLESP22004'

'KLESC13594'  
'KLESC21648'  
'KLESC13596'

'KLEVP20064'  
'KLEVP23124'  
'KLEVP20038'  
'KLEVP22142'  
'KLEVP20052'  
'KLEVP20076'  
'KLEVP20042'  
'KLEVP20062'  
'KLEVP12431'  
'KLEVP12430'  
'KLEVP12428'  
'KLEVP12427'  
'KLEVP14490'  
'KLEVP12429'  
'KLEVP22022'  
'KLEVP19028'  
'KLEVP15618'  
'KLEVP21043'  
'KLEVP08383'  
'KLEVP12446'  
'KLEVP15483'  
'KLEVP15474'  
'KLEVP22039'  
'KLEVP12447'  
'KLEVP18004'  
'KLEVP21048'  
'KLEVP11419'  
'KLEVP19068'  
'KLEVP12434'

## Plant Protection

Selecta One varieties are covered by the Flowering Only Terms & Conditions of Sale Agreement. Many are also protected by U.S. Patents and/or Plant Breeders' Rights in Canada and elsewhere.

**Note: please refer to the Selecta North America website for current U.S. patent information.**

## Flowering Only Terms & Conditions

Plants shall be sold only as "Finished Plants," defined as plants grown in a 3-in. (7.5-cm) size pot/container or larger. Propagation and/or taking tip cuttings, as well as the unlicensed sale and transfer of rooted or unrooted cuttings to any other company or individual, is strictly prohibited. By accepting an order and/or opening a box of Selecta One plants, you signify agreement with these Flowering Only Terms & Conditions of Sale. Flowering Only Terms & Conditions information is also available through Royalty Administration International (RAI). RAI has been appointed as our agent in the U.S. for the protection of Selecta One varieties. RAI reserves the right to inspect premises and plantings at any reasonable time to ensure compliance with the terms and conditions stated herein.

## Propagation License Agreement

Only Selecta One Geranium, New Guinea Impatiens, Osteospermum, Sutura and Poinsettia varieties are available for licensed propagation and only for the purpose of producing and selling "Finished" plants (defined above). Propagation is strictly prohibited without a license. To obtain a Propagation license, please contact RAI U.S. at (800) 472-4724. This royalty bearing license must be signed and returned to RAI in order to receive cuttings and maintain stock plants. Canada Growers, please contact Ball Licensing Administration at (630) 588-3111 or (630) 588-3311.



ROYALTY Administration International  
10501 Ben C. Pratt / Six Mile Cypress Parkway,  
Suite 103  
Fort Myers, FL 33966  
Phone: (800) 472-4724 / (239) 278-9917  
Fax: (239) 278-4833  
E-mail: info@rai-na.com

## Selecta One Image, Tag and Trademark Policy

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# Terms & Conditions of Sale

**Note:** Ball Terms & Conditions of Sale are country/region specific. The following Terms & Conditions of Sale apply to product sold within the United States and Canada.

## 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.

## Limitation of Remedy

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 accordance with terms specified on invoice. 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.

If paying by Pre-Authorized Debit (PAD), or EFT, please note you have waived your right to receive pre-notification of the amount of the PAD and agreed that you do not require advance notice of the amount of PADs before the debit is processed.

## 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 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.

## Cancellation Policy

Cancellations for unrooted cuttings must be received at least 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 Terms & Conditions of Sale Agreement, United States Plant Patents, United States Plant Variety Protection, Utility Patents, and Plant Breeders' Rights. These varieties may not be reproduced without authorization. The breeder or authorized representative has the right to inspect Purchasers' nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

## Trademarks

\* denotes a U.S. registered trademark and ™ denotes a trademark of Ball Horticultural Company, unless otherwise indicated.

## Sales Limitations

EXPORT CONTROL. 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 EMBARGOES (INCLUDING BUT NOT LIMITED TO OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC'S "SPECIALLY DESIGNATED NATIONALS" LIST) WITHOUT AN APPROPRIATE EXPORT LICENSE.

FOREIGN CORRUPT PRACTICES ACT. EACH PARTY REPRESENTS AND WARRANTS TO THE OTHER PARTY THAT IT WILL TAKE NO ACTION IN RELATION TO THIS TRANSACTION THAT WOULD BE IN VIOLATION OF THE APPLICABLE LAWS AND REGULATIONS OF ANY COUNTRY AND THE UNITED STATES OF AMERICA. NO PAYMENTS OF MONEY OR ANYTHING OF VALUE WILL BE OFFERED, PROMISED OR PAID, DIRECTLY OR INDIRECTLY, TO ANY OFFICIALS TO INFLUENCE THE ACTS OF SUCH OFFICIALS TO INDUCE THEM TO USE THEIR INFLUENCE WITH A GOVERNMENT OR AN INSTRUMENTALITY THEREOF, OR TO OBTAIN AN IMPROPER ADVANTAGE.



# Rooting Guide

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) <sup>1</sup>	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Ajuga</b> <i>Ajuga reptans</i>	<b>Burgundy Glow</b>	25/35 mm	recommended	10-18	no	6 to 7	no	
	<b>Ajuga</b> <i>Ajuga x tenorii</i>	<b>Chocolate Chip</b>	25/35 mm	optional	10-18	no	6 to 7	optional	
	<b>Bacopa</b> <i>Sutera grandiflora</i>	<b>Big Falls™</b>	25 mm	no	7 to 9	yes	3 to 4	recommended	Stick 2 cuttings per cell; avoid overwatering of young plants; apply preventive fungicide treatment after sticking.
	<b>Begonia</b> <i>Begonia boliviensis</i>	<b>Compact Double Apricot, Mistral®, Orange Lantern</b>	25/35 mm	optional	0 to 3, reduce mist as soon as possible	yes	4 to 5	recommended; pinch to node #3 but before developing node #5	Avoid overmist/watering of young plants. To avoid dormancy, tuberous Begonia requires a minimum day length of 14 hrs. and a minimum temperature of 55°F/13°C.
	<b>Bidens</b> <i>Bidens ferulifolia</i>	<b>Namid™</b>	25 mm	no	7 to 9	yes	3 to 4	optional	Avoid stretch.
	<b>Bracteantha</b> <i>Bracteantha bracteata</i>	<b>Mohave™</b>	25/35 mm	recommended	9 to 12	no	4 to 5	no	Reduce mist as soon as possible; apply preventive fungicide treatment after sticking.
	<b>Calceolaria</b> <i>Calceolaria hybrida</i>	<b>Calynopsis™</b>	35/45 mm	recommended	9 to 12	no	5 to 6	no	Cool and humid conditions provide best environment for rooting. Avoid standing water on leaves, over-misting, heavily saturated media and overly warm conditions.
	<b>Calibrachoa</b> <i>Calibrachoa cultivars</i>	<b>MiniFamous® Neo</b>	25 mm	optional	9 to 12	yes	4 to 5	optional	Don't stick too deep; avoid overwatering of young plants and water stress.
	<b>Calibrachoa</b> <i>Calibrachoa hybrida</i>	<b>MiniFamous® Uno</b>	20 mm	no	9 to 12	optional	4 to 5	optional	
	<b>Cuphea hyssopifolia</b> <i>Cuphea hyssopifolia</i>	<b>Pink, Purple, White</b>	20 mm	optional	14	no	5	optional	
	<b>Dahlia</b> <i>Dahlia hybrida</i>	<b>City Lights™</b>	25 mm	yes	9 to 12	yes, B-Nine 1,500 PPM (S)	5	yes	
	<b>Dahlia</b> <i>Dahlia pinnata</i>	<b>Dahlietta®, Dahlita™</b>	25 mm	yes	9 to 12	no	3 to 4	optional	Hormone will improve rooting. Night-break lighting (10 p.m.-2 a.m.) will reduce likelihood of tuber formation.
	<b>Dahlia</b> <i>Dahlia hybrida</i>	<b>Dalaya®</b>	25 mm	yes	9 to 12	Apply B-Nine 1,500 PPM (S)	5	yes	Rooting hormone will even out rooting. Night interruption or extended day will help prevent tuber formation in short day seasons.

(PGR) = Plant Growth Regulators  
(S) = Spray  
(D) = Drench

All recommendations are made to the best of our knowledge. We cannot accept any responsibility for the correctness of this information in unique situations. Please pay attention to product labels and test chemicals or new treatments first before applying large scale.

<sup>1</sup>PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) <sup>1</sup>	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Dahlia</b> <i>Dahlia pinnata</i>	<b>Venti™</b>	25 mm	yes	9 to 12	Apply B-Nine 1,500 PPM (S)	5	yes	Begin feed regimen as soon as roots are present to keep plant herbaceous. When propagating in short day season, give long days during liner growing.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Capitán™</b>	25/35 mm	recommended	14 to 21	optional	5 to 6	optional	Keep very moist for the first 7 days, then reduce mist to avoid saturated media.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Carmen™, Early Love®</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep very moist for the first 7 days, then reduce mist to avoid saturated media.
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>DiaDeur™</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Reduce mist after 4 to 5 days to promote root formation. Avoid excessive moisture in propagation media.
	<b>Dianthus</b> <i>Dianthus interspecific</i>	<b>EverLast™</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>I Love U</b>	25/35 mm	recommended	14 to 21	no	5 to 6	optional	Keep very moist for the first several days in propagation, then begin to lower the mist. Should be well rooted in 14 to 16 days.
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>Oscar®, Scully, SuperTrouper™</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Palm Peach</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep moist for the first week in propagation, then back down on mist rapidly to avoid rot.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Pink Kisses®</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Pashmina™</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering young plants.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Purple Wedding™</b>	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep cuttings hydrated. Sensitive root system; avoid overwatering of young plants.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Vivacia™</b>	25/35 mm	recommended	14 to 21	optional	5 to 6	optional	Keep mist high for the first week to rehydrate the cuttings. Reduce mist after 1 week to promote root development.
	<b>Diascia</b> <i>Diascia cultivars</i>	<b>Piccadilly™</b>	25 mm	no	7 to 9	yes	3 to 4	recommended	Stick 2 cuttings per cell.
	<b>Euphorbia</b> <i>Euphorbia hypericifolia</i>	<b>Loreen™</b>	25/35 mm	optional	7 to 10	Apply B-Nine/ Cycocel tank mix (S) 7 to 10 days after stick	3 to 4	recommended	Ethylene sensitive, so stick as soon as possible. Flower buds are common in propagation. Reduce mist as soon as possible.





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<sup>1</sup>PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.










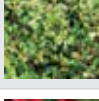
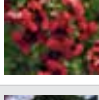



# Rooting Guide

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) <sup>1</sup>	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Erysimum</b> <i>Erysimum cultivars</i>	<b>Brightside™</b>	25/35 mm	yes	10 to 14	1/2 Bonzi Spray, 2000 B-Nine Spray will delay flowering	5 to 6	optional	
	<b>Fuchsia</b> <i>Fuchsia cultivars</i>	<b>Bellinto™</b>	25 mm	no	7 to 10	no	4	yes	Avoid stretch and overwatering of young plants.
	<b>Gaura</b> <i>Gaura lindheimeri</i>	<b>Belleza®</b>	25 mm	optional	7 to 9	yes	4	optional	Avoid stretch.
	<b>Geranium (Interspecific)</b> <i>Pelargonium cultivars</i>	<b>Marcada™</b>	30/40 mm	yes	14	yes	5	no	In hot climates, use Cycocel (S) at 500 PPM.
	<b>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>Balcon, Decora, Royal™</b>	25/35 mm single or double strip	yes	14	yes	4 to 5	no	Stick right after arrival, keep cuttings hydrated for the first 3 days, and reduce mist afterwards as soon as possible. Apply preventive fungicide treatment after sticking. Avoid stretch.
	<b>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>Glacier</b>	30/40 mm	yes	14	optional	5	optional	Use Cycocel (S) at a rate of 500 to 750 PPM if needed.
	<b>Geranium (Zonal)</b> <i>Pelargonium x hortorum</i>	<b>Moonlight™, Sunrise™</b>	25/35 mm single or double strip	optional	7 to 9	no	4	no	Stick right after arrival, keep cuttings hydrated for the first 3 days, and reduce mist afterwards as soon as possible. Apply preventive fungicide treatment after sticking.
	<b>Geranium (Zonal)</b> <i>Pelargonium x hortorum</i>	<b>Super Moon™</b>	30 mm	yes	7 to 9	yes	5	no	Cycocel 750 PPM spray.
	<b>Glechoma</b> <i>Glechoma hederacea</i>	<b>Variegata</b>	20 mm	no	6	no	4	yes	Vining plant; pinching will help with branching and avoiding cross-tangling of cells.
	<b>Hebe</b>	<b>Sidekicks</b>	25/35 mm	yes	14 to 18	optional			
	<b>Helichrysum</b> <i>Helichrysum italicum</i>	<b>Silver</b>	25 mm	optional	15	optional	5	no	Avoid excessive mist for the first several days in propagation.
	<b>Heliotrope</b> <i>Heliotropium arborescens</i>	<b>Marino™</b>	25 mm	optional	7 to 9	no	4	no	Stick right after arrival. Don't put URC in the cooler; apply preventive fungicide treatment after sticking and reduce mist as soon as possible.
	<b>Impatiens (Interspecific)</b> <i>Impatiens hawkeri</i>	<b>Bounce™</b>	25 mm	no	6 to 9	yes	4 to 5	no	Reduce mist starting day 5; don't overwater.

(PGR) = Plant Growth Regulators  
(S) = Spray  
(D) = Drench

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<sup>1</sup>PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) <sup>1</sup>	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Impatiens (New Guinea)</b> <i>Impatiens hawkeri</i>	<b>ColorPower™</b>	25 mm	no	7 to 9	no	3 to 4	no	Stick right after arrival. Apply preventive fungicide treatment after sticking and reduce mist as soon as possible.
	<b>Impatiens (New Guinea)</b> <i>Impatiens hawkeri</i>	<b>ImPower™</b>	30 mm	no	7 to 9	no	4	no	
	<b>Kalanchoe</b> <i>Kalanchoe blossfeldiana</i>	<b>Mandala™</b>	25/35 mm	optional	N/A	no	3 to 5	no	Stick cuttings in moist media. Only apply water when media is dry. No misting.
	<b>Lavandula</b> <i>Lavandula angustifolia</i>	<b>Sweet Dreams™ Blue</b>	20/30 mm	optional	12	no	6	yes	Reduce mist after day 5 to avoid rot and drive root development.
	<b>Lavender</b> <i>Lavandula stoechas</i>	<b>LaVela™</b>	25 mm	no	14	no	6 to 7	yes	Use well-drained media. Avoid saturated media. Reduce mist early.
	<b>Lobelia</b> <i>Lobelia cultivars</i>	<b>Magadi™ Basket</b>	20 mm	no	14	optional	4	yes	
	<b>Lobelia</b> <i>Lobelia cultivars</i>	<b>Magadi™, Magadi™ Compact</b>	25 mm	no	7 to 9	yes	4	recommended	Keep cuttings hydrated. Avoid overwatering of young plants.
	<b>Lysimachia</b> <i>Lysimachia nummularia</i>	<b>Goldilocks</b>	20 mm	no	7 to 9	no	5	optional	
	<b>Muehlenbeckia</b> <i>Muehlenbeckia complexa</i>	<b>Muehlenbeckia</b>	25/35 mm	optional	14 to 21	no	5 to 6	recommended	
	<b>Nemesia</b> <i>Nemesia fruticans</i>	<b>Whimsy™</b>	20/25 mm	No	6 to 9		3 to 4	recommended	
	<b>Osteospermum</b> <i>Osteospermum hybrid</i>	<b>4D™</b>	25/35 mm	recommended	12 to 16	yes	4 to 5	no	Keep cuttings hydrated.
	<b>Osteospermum</b> <i>Osteospermum ecklonis</i>	<b>Daisy Falls™</b>	30 mm	yes	12 to 16	yes	4	optional	
	<b>Osteospermum</b> <i>Osteospermum ecklonis</i>	<b>FlowerPower™ Compact, FlowerPower™ Spider, Zion™</b>	25/35 mm	recommended	12 to 16	yes	4 to 5	no	Keep cuttings hydrated.
	<b>Pericallis</b> <i>Senecio x hybrida</i>	<b>Senetti®</b>	25 mm	yes	21	optional	4	yes	Keep humidity high to ensure cuttings are kept moist. After 14 days of misting, cut misting time in half. Shade may be required to protect leaves. Use fertilizer once roots develop.

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<sup>1</sup>PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.



# Rooting Guide








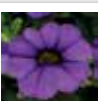

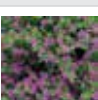

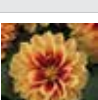

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) <sup>1</sup>	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Petchoa</b>	<b>EnViva™</b>	25/35 mm	optional	10 to 18	optional	5 to 6	optional	
	<b>Petunia</b> <i>Petunia cultivars</i>	<b>Headliner™, Starlet™, SweetSunshine™</b>	25 mm	no	7 to 9	yes	4	no	Avoid stretch; apply preventive fungicide spray after sticking. For detailed culture on the Sky Petunias, visit <a href="https://SelectaNorthAmerica.com/SkyPetuniaCulture">SelectaNorthAmerica.com/SkyPetuniaCulture</a> .
	<b>Petunia</b> <i>Petunia cultivars</i>	<b>Main Stage™</b>	30 mm	no	7 to 9	yes	4	optional	For detailed culture on the Sky Petunias, visit <a href="https://SelectaNorthAmerica.com/SkyPetuniaCulture">SelectaNorthAmerica.com/SkyPetuniaCulture</a> .
	<b>Phlox</b> <i>Phlox cultivars</i>	<b>Gisele*</b>	25 mm	no	12	no	4 to 5	no	Avoid over-misting and misting after rooting.
	<b>Portulaca</b> <i>Portulaca oleracea</i>	<b>PortoGrande™</b>	25 mm	no	7 to 9	no	3 to 4	optional	Avoid overwatering of young plants.
	<b>Salvia</b> <i>Salvia cultivars</i>	<b>Skyscraper™</b>	25 mm	optional	14	yes	4	yes	Use B-Nine 2,500 PPM spray.
	<b>Sanvitalia</b> <i>Sanvitalia procumbens</i>	<b>Tsavo™</b>	25 mm	no	7 to 9	yes	4	optional	Keep cuttings hydrated; avoid overwatering of young plants.
	<b>Scaevola</b> <i>Scaevola aemula</i>	<b>Fairy™</b>	25 mm	recommended	9 to 12	yes	5 to 6	optional	Keep cuttings hydrated.
	<b>Sedum</b> <i>Sedum tetractinum</i>	<b>Coral Reef</b>	25/35 mm	no	12 to 18	no	5 to 6	no	
	<b>Sedum</b> <i>Sedum mexicanum</i>	<b>Gold Mound</b>	25/35 mm	no	12 to 18	no	5 to 6	no	
	<b>Sedum</b> <i>Sedum cultivars</i>	<b>Little Shimmer, Little Shine</b>	25/35 mm	no	12 to 18	no	5 to 6	no	
	<b>Trixi*</b> <i>Mixed Combination</i>	<b>Trixi recipes</b>	N/A	N/A	N/A	N/A	N/A	TrixiLiners ship pinched	TrixiLiner is pinched, treated with PGR, and well-toned for best results.
	<b>Verbena</b> <i>Verbena cultivars</i>	<b>Beats™</b>	25 mm	optional	7 to 9	no	2 to 3	optional	Avoid overwatering after root formation.
	<b>Verbena</b> <i>Verbena cultivars</i>	<b>Blues™, Lascar™</b>	25 mm	optional	7 to 9	yes	3 to 4	optional	Avoid stretch; reduce and stop misting as soon as possible.

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<sup>1</sup>PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.

# Finishing Guide

			ROOTING & FINISHING			FINISHING GUIDELINES			
	Crop	Series/Variety	Media pH <sup>2</sup>	Fertilizer Needs <sup>3</sup>	Watering <sup>4</sup>	Temperature Needs Day / Night <sup>5</sup>	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	<b>Ajuga</b> <i>Ajuga reptans</i>	<b>Burgundy Glow</b>	5.8-6.2	100-150 ppm N EC 1.4-1.8	moderate	50-65 F(10-18)C	optional	4,000 to 7,000	
	<b>Ajuga</b> <i>Ajuga x tenorii</i>	<b>Chocolate Chip</b>	5.8-6.2	100-150 ppm N EC 1.4-1.8	moderate	50-65 F(10-18)C	optional	4,000 to 7,000	
	<b>Bacopa</b> <i>Sutera grandiflora</i>	<b>Big Falls™</b>	5.4-5.8	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/50-60°F 18-24°C/10-16°C	yes	4,000 to 5,000	
	<b>Begonia</b> <i>Begonia boliviensis</i>	<b>Compact Double Apricot, Mistral®, Orange Lantern</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0 Keep N up	grow on the dry side	68-78°F/62-65°F 20-26°C/17-18°C	yes; pinch to node #3 but before developing node #5	5,000 to 6,000	
	<b>Bidens</b> <i>Bidens ferulifolia</i>	<b>Namid™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/50-60°F 18-24°C/10-16°C	yes	5,000 to 6,000	
	<b>Bracteantha</b> <i>Bracteantha bracteata</i>	<b>Mohave™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	keep constantly moist	65-75°F/50-60°F 18-24°C/10-16°C	for larger pots only	5,000 to 6,000	
	<b>Calceolaria</b> <i>Calceolaria hybrida</i>	<b>Calynopsis™</b>	5.8	200-250 PPM N	grow on the dry side	55-76°F/40-52°F 13-24°C/4-11°C	no	4,000 to 6,000	
	<b>Calibrachoa</b> <i>Calibrachoa cultivars</i>	<b>MiniFamous® Neo</b>	5.4-5.8	200-250 PPM N/EC 2.0-2.4	keep evenly moist	70-75°F/55-60°F 21-24°C/13-16°C	recommended	5,000 to 6,000	
	<b>Calibrachoa</b> <i>Calibrachoa hybrida</i>	<b>MiniFamous® Uno</b>	5.5-6.2	200-250 PPM N/EC 2.0-2.4	keep evenly moist	65-80°F/55-65°F 18-27°C/13-18°C	optional	4,000 to 7,000	
	<b>Cuphea hyssopifolia</b> <i>Cuphea hyssopifolia</i>	<b>Pink, Purple, White</b>	5.5-6.4	modest 150-200 PPM N constant feed	moderate	68-90°F/60-80°F 20-32°C/16-27°C	optional	5,000 to 7,000	
	<b>Dahlia</b> <i>Dahlia hybrida</i>	<b>City Lights™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	high	65-77°F/55-65°F 18-25°C/13-18°C	yes	4,000 to 7,000	
	<b>Dahlia</b> <i>Dahlia pinnata</i>	<b>Dahlietta®</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.2	keep evenly moist	65-76°F/59-64°F 18-24°C/15-18°C	recommended	4,000 to 6,000	
	<b>Dahlia</b> <i>Dahlia pinnata</i>	<b>Dahlita™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	keep evenly moist	65-76°F/59-64°F 18-24°C/15-18°C	optional	4,000 to 6,000	

<sup>2</sup> **Media pH:** Best results are achieved if media with the correct pH is used, starting with propagation.

<sup>3</sup> **Fertilizer needs:** Start with low concentrations after roots show and increase with plant development to the recommended levels.

<sup>4</sup> **Watering:** In general, avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns light brown and substrate starts to separate from the pot edge) before watering. "Keep constantly moist" means watering the plants just before substrate becomes dry. Water management in rooting and finishing is half the success and the best way to prevent root-bound diseases, improve performance and control plant quality.



				CROP TIME FROM ROOTED CUTTING/PLANTS PER POT (PPD)		
	Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
		Aphids, Sclerotinium		7-10 weeks 1 ppp	10-14 weeks (varies seasonally) 3 ppp	
		Aphids, Sclerotinium		7-10 weeks 1 ppp	10-14 weeks (varies seasonally) 3 ppp	
	B-Nine 750-1,500 PPM (S), Sumagic 5-10 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Botrytis, Pythium	Cool temperatures and high light levels will improve plant quality. Pinch as needed for improved plant habit. Watch for Fe deficiency.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 2 ppp	8 to 10 weeks, 4 to 5 ppp
	B-Nine 2,500 PPM (S), 250-500 PPM Cycocel (S)	Aphids, Botrytis, Pythium	Start late Spring when day length increases and temperatures rise. Let media dry out between watering. Avoid stretch. To avoid dormancy, tuberous Begonias require a minimum day length of 14 hrs. and a minimum temperature of 55°F/13°C.	7 to 8 weeks, 1 ppp	9 to 10 weeks, 1 ppp	9 to 12 weeks, 4 ppp
	B-Nine 2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	5 to 7 weeks, 1 ppp	6 to 8 weeks, 1 to 2 ppp	6 to 9 weeks, 4 to 5 ppp
	Sumagic 5-10 PPM (S), Bonzi 10-20 PPM (S)	Aphids, White Fly, Pythium	Cool temperatures and high light levels will improve plant quality.	6 to 7 weeks, 1 ppp	7 to 8 weeks, 2 ppp	8 to 10 weeks, 4 ppp (Mohave™ Basket Yellow)
	none	Spider Mites	Provide cool temperatures and short days during bulking period. Provide long days (night interrupt) and cool to moderate temperatures for flower induction.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 ppp	13 to 15 weeks, 3 ppp
	B-Nine 2,500-3,500 PPM (S), Sumagic 10-20 PPM (S)/Sumagic 0.25 PPM (D), Bonzi 1-2 PPM (D)	Powdery Mildew, Pythium, Thielaviopsis, TMV, Aphids, Fungus Gnats, Thrips	Start Calibrachoa warm. After side shoots have developed, cool temperatures and high light levels will improve plant quality. Watch for Fe deficiency.	7 to 8 weeks, 1 ppp	7 to 11 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp
	B-Nine 1,500 PPM (S), Bonzi 1 PPM (D)	Thielaviopsis, Powdery Mildew, Aphids, Mites		5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
	none	Aphids, Mites, Thrips, Botrytis		5 to 6 weeks, 1 ppp	6 to 8 weeks, 1 to 3 ppp	10 to 12 weeks, 3 to 5 ppp
	B-Nine 2,500 PPM (S), B-Nine 1,000 PPM (S)/ Cycocel 500 PPM (S) tank mix, Bonzi 2 to 4 PPM (D)	Pythium, Botrytis, Aphids, Thrips, Spider Mites, Mites, Root Rot, Powdery Mildew		5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
	B-Nine 2,500-4,000 PPM (S), Cycocel 1,000-1,500 PPM tank mix (S)	Phytophthora, Powdery Mildew, Botrytis, Pythium, Aphids, Leafminer, Spider Mites, Thrips	Night-break lighting will reduce likelihood of tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	
	Typically not needed. If necessary, B-Nine 1,000 PPM/ Cycocel 500 PPM works well.	Aphids, Fungus Gnats, Leafminer, Spider Mites, Thrips, Phytophthora, Powdery Mildew, Botrytis, Pythium	Avoid cold conditions and dry down during short days to avoid tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	

**\*Temperature needs day/night:** During rooting, keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward, follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8 to 12°F/-13 to -11°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

# Finishing Guide

			ROOTING & FINISHING			FINISHING GUIDELINES			
	Crop	Series/Variety	Media pH <sup>2</sup>	Fertilizer Needs <sup>3</sup>	Watering <sup>4</sup>	Temperature Needs Day / Night <sup>5</sup>	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	<b>Dahlia</b> <i>Dahlia hybrida</i>	<b>Dalaya®</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.2	maintain even moisture and consistent fertility for best uniformity	65-68°F/55-65°F 18-26°C/13-18°C	yes	5,000 to 7,000	
	<b>Dahlia</b> <i>Dahlia pinnata</i>	<b>Venti™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.2	keep constantly moist	70-75°F/55-60°F 21-24°C/13-16°C	optional	4,000 to 7,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Capitán™</b>	5.8-6.2	100-150 ppm N EC 1.4-1.8	moderate	60-68°F/50-60°F 15-20°C/10-16°C	yes	4,000 to 7,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Carmen™</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>DiaDeur™</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Early Love®</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus interspecific</i>	<b>EverLast™</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>I Love U</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	avoid hard dry down	55-68°F/45-55°F 13-20°C/7-13°C	optional	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>Oscar®</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Palm Peach</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Pashmina™</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	60-70°F/50-55°F 18-21°C/10-16°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Pink Kisses®</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional based on liner	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Purple Wedding™</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	

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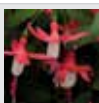


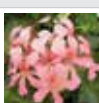


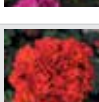
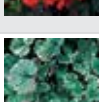
<sup>4</sup> **Watering:** In general, avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns light brown and substrate starts to separate from the pot edge) before watering. "Keep constantly moist" means watering the plants just before substrate becomes dry. Water management in rooting and finishing is half the success and the best way to prevent root-bound diseases, improve performance and control plant quality.



				CROP TIME FROM ROOTED CUTTING/PLANTS PER POT (PPD)		
	Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
	B-Nine 1,500-2,500 PPM (S), B-Nine 1,500 PPM (S)/Cycocel 750 PPM (S) tank mix, Bonzi 2-4 PPM (D)	Thrips, Leafminers, Aphids, Botrytis	Night-break or extended day lighting during early Spring (natural short days) will help prevent tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 12 weeks, 3 to 4 ppp
	B-Nine 1,500 PPM/Cycocel 500 PPM (S), Paclobutrazol 1-2 PPM (D), Sumagic 0.5-1 PPM (D)	Phytophthora, Powdery Mildew, Botrytis, Pythium, Aphids, Leafminer, Spider Mites, Thrips	Manage humidity and avoid irrigation over blooms to prevent botrytis and powdery mildew.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
	Bonzi spray at 1-3 ppm Cycocel spray at 750 ppm	Mites, Fusarium	Remove early flower buds to promote branching. Cool temperatures and high light levels are ideal.	12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	18 to 20 weeks (varies seasonally), 3 to 5 ppp
	B-Nine 2,500 PPM (S), Bonzi 2 PPM (S)	Spider Mites, Fusarium	Remove early flower buds to promote branching. Cool temperatures and high light levels are ideal.	12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	18 to 20 weeks (varies seasonally), 3 to 5 ppp
	B-Nine 2,500 PPM (S), Cycocel 500-750 PPM (S), Bonzi 2-5 PPM are all effective PGRs if needed.	Spider Mites, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
	Bonzi 1-2 PPM (S)	Spider Mites, Fusarium	Remove early flower buds to promote branching. Cool temperatures and high light levels are ideal.	10 to 12 weeks (varies seasonally), 1 ppp	12 to 14 weeks (varies seasonally), 1 to 2 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp
	B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
	Very little should be needed. Bonzi 1-2 PPM (S) if necessary.	Spider Mites, Fusarium		12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 3 ppp	14 to 16 weeks (varies seasonally), 3 to 5 ppp
	B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
	Bonzi 1-2 PPM (S) only if needed	Spider Mites, Fusarium		12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	14 to 16 weeks (varies seasonally), 3 to 5 ppp
	B-Nine 2,500 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
	B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Leave early flowers on plant. Blooms last a long time.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	
	Bonzi 2-4 PPM (S) if needed	Spider Mites, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	14 to 16 weeks (varies seasonally), 3 to 5 ppp

**\*Temperature needs day/night:** During rooting, keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward, follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8 to 12°F/-13 to -11°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

# Finishing Guide

			ROOTING & FINISHING			FINISHING GUIDELINES			
	Crop	Series/Variety	Media pH <sup>2</sup>	Fertilizer Needs <sup>3</sup>	Watering <sup>4</sup>	Temperature Needs Day / Night <sup>5</sup>	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>Scully</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	55-68°F/45-55°F 13-20°C/7-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus caryophyllus</i>	<b>SuperTrouper™</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Vivacia™</b>	5.8-6.2	100-150 ppm N EC 1.4-1.8	moderate	60-68°F/50-60°F 15-20°C/10-16°C	yes	4,000 to 7,000	
	<b>Diascia</b> <i>Diascia cultivars</i>	<b>Piccadilly™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/35-52°F 18-24°C/2-11°C	yes	5,000 to 6,000	
	<b>Erysimum</b> <i>Erysimum cultivars</i>	<b>Brightside™</b>	5.8-6.2	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	
	<b>Euphorbia</b> <i>Euphorbia hypericifolia</i>	<b>Loreen™</b>	5.8-6.2	175-225 PPM N/EC 1.8-2.0	sensitive to overwatering	65-76°F/59-67°F 18-24°C/15-19°C	yes	6,000 to 9,000	
	<b>Fuchsia</b> <i>Fuchsia cultivars</i>	<b>Bellinto™</b>	5.8-6.2	175-225 PPM N/EC 1.8-2.0	keep evenly moist	65-70°F/50-55°F 18-21°C/10-13°C	recommended	5,000 to 6,000	
	<b>Gaura</b> <i>Gaura lindheimeri</i>	<b>Belleza®</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	keep constantly moist	65-75°F/50-60°F 18-24°C/10-16°C	yes	5,000 to 6,000	
	<b>Geranium (Interspecific)</b> <i>Pelargonium cultivars</i>	<b>Marcada™</b>	5.4-5.9	200-250 PPM N/EC 1.8-2.0	moderate	55-80°F/50-68°F 13-27°C/10-20°C	optional	6,000+	
	<b>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>Balcon, Decora, Royal™</b>	5.4-5.8	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/60-65°F 18-24°C/16-18°C	recommended	3,000 to 5,000	
	<b>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>Glacier</b>	5.4-5.9	200-250 PPM N/EC 1.8-2.0	moderate	55-80°F/50-65°F 13-27°C/10-18°C	yes	4,000 to 6,000	
	<b>Geranium (Zonal)</b> <i>Pelargonium x hortorum</i>	<b>Moonlight™, Sunrise™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/60-65°F 18-24°C/16-18°C	no	3,000 to 5,000	
	<b>Geranium (Zonal)</b> <i>Pelargonium x hortorum</i>	<b>Super Moon™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-77°F/55-65°F 18-25°C/13-18°C	optional	4,000 to 7,000	
	<b>Glechoma</b> <i>Glechoma hederacea</i>	<b>Variegata</b>	5.4-6.5	moderate 150 PPM N	moderate	40-70°F/60-90°F 4-21°C/16-32°C	optional	2,500 to 7,000	

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<sup>3</sup> **Fertilizer needs:** Start with low concentrations after roots show and increase with plant development to the recommended levels.







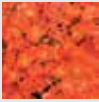






<sup>4</sup> **Watering:** In general, avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns light brown and substrate starts to separate from the pot edge) before watering. "Keep constantly moist" means watering the plants just before substrate becomes dry. Water management in rooting and finishing is half the success and the best way to prevent root-bound diseases, improve performance and control plant quality.



				CROP TIME FROM ROOTED CUTTING/PLANTS PER POT (PPD)		
	Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
	Bonzi 1-2 PPM (S)	Aphids, Fusarium	Leave early flowers on plant. Blooms last a long time.	12 to 20 weeks (varies seasonally), 1 ppp	14 to 20 weeks (varies seasonally), 1 to 2 ppp	
	B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
	Bonzi 1-3 PPM (S), Cycocel 750 PPM (S)	Mites, Fusarium	For best results, grow cool and bright.	12 to 14 weeks (varies seasonally), 1 ppp	12 to 14 weeks (varies seasonally), 1 ppp	12 to 16 weeks (varies seasonally), 3-5 ppp
	B-Nine 2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Aphids, Pythium	Cool temperatures and high light levels will improve plant quality.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp
	B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Mites, Aphids, Botrytis			12 to 16 weeks (varies seasonally), 1 ppp	
	B-Nine (S) 2,500 PPM, Cycocel (S) 750 PPM tank mix 7-10 days after transplant. Do not use Florel.	White Fly, Aphids, Thrips, Botrytis, Pythium	Pinch for a better habit, especially in larger containers.	5 to 7 weeks, 1 ppp	6 to 9 weeks, 1 to 3 ppp	9 to 11 weeks, 3 to 5 ppp
	B-Nine 2,500 PPM (S)	Aphids, Thrips, Botrytis, Pythium, Rust	Pinch early for a better habit, especially in larger containers.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp
	B-Nine 2,500 PPM (S), Sumagic 15-20 PPM (S)/ Bonzi 30-40 PPM (S)	White Fly, Aphids, Root Rot, Botrytis	Avoid stretch; pinch early for better plant development.	7 to 9 weeks, 1 ppp	9 to 12 weeks, 1 to 2 ppp	10 to 13 weeks, 3 to 4 ppp
	Cycocel (S) at 500-1,000 PPM, use a light spray to glisten.	Aphids, Spider Mites, Thrips, Botrytis, Pythium		6 to 7 weeks, 1 ppp	7 to 8 weeks, 1 ppp	10 to 12 weeks, 3 ppp
	Cycocel 750-1,000 PPM + B-Nine 1,500-2,500 PPM tank mix (S), Bonzi 2-5 PPM (S)/ Cycocel 750-1,500 PPM (D)	Thrips, Fungus Gnats, Spider Mites, Rust, Botrytis, Pythium	Maintain temperature and grow the crop on the dry side, but avoid drying out, as this will slow growth (plants will push flowers). Provide excellent air circulation.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
	Use Cycocel (S) at a rate of 500-1,000 PPM as needed.		Water in mornings only to prevent oedema.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 ppp	12 to 16 weeks, 3 ppp
	Cycocel 750-1,000 PPM + B-Nine 1,500-2,500 PPM tank mix (S), Sumagic 1-3 PPM (S), Bonzi 2-5 PPM (S)	Thrips, Fungus Gnats, Spider Mites, White Fly, Rust, Botrytis, Pythium	Maintain temperature and grow the crop on the dry side, but avoid drying out, as this will slow growth (plants will push flowers). Provide excellent air circulation.	8 to 12 weeks, 1 ppp	12 to 14 weeks, 1 ppp	12 to 14 weeks, 3 to 4 ppp
	Cycocel 700-1,500 PPM (S)	Botrytis, Pythium, Ralstonia, Xanthomonas, Mites, Worms/Caterpillars		7 to 10 weeks, 1 ppp	8 to 12 weeks, 1 ppp	10 to 14 weeks, 1 to 3 ppp
			An easy-to-root vine that can grow aggressively if fed and watered well.	5 to 6 weeks, 1 ppp	6 to 8 weeks, 3 ppp	10 to 12 weeks, 4 ppp

**\*Temperature needs day/night:** During rooting, keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward, follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8 to 12°F/-13 to -11°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

# Finishing Guide

			ROOTING & FINISHING			FINISHING GUIDELINES			
	Crop	Series/Variety	Media pH <sup>2</sup>	Fertilizer Needs <sup>3</sup>	Watering <sup>4</sup>	Temperature Needs Day / Night <sup>5</sup>	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	<b>Hebe</b> <i>Veronica armstrongii</i>	<b>Sidekicks™</b>	5.8-6.2	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	Optional	5,000 to 6,000	
	<b>Helichrysum</b> <i>Helichrysum italicum</i>	<b>Silver</b>	5.8-6.2	moderate	moderate	60-70°F/45-55°F 16-21°C/7-13°C	no	4,000 to 7,000	
	<b>Heliotrope</b> <i>Heliotropium arborescens</i>	<b>Marino™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	keep constantly moist	70-75°F/55-60°F 21-24°C/13-16°C	no	5,000 to 9,000	
	<b>Impatiens (Interspecific)</b> <i>Impatiens hawkeri</i>	<b>Bounce™</b>	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	68-79°F/55-64°F 20-26°C/13-18°C	no	4,000 to 9,000	
	<b>Impatiens (New Guinea)</b> <i>Impatiens hawkeri</i>	<b>ColorPower™</b>	5.8-6.2	100-150 PPM N/EC 1.4-1.8	keep constantly moist	70-78°F/65-68°F 21-26°C/18-20°C	recommended for larger containers	3,000 to 5,000	
	<b>Impatiens (New Guinea)</b> <i>Impatiens hawkeri</i>	<b>ImPower™</b>	5.8-6.2	100-150 PPM N/EC 1.4-1.8	keep constantly moist	70-78°F/65-68°F 21-26°C/18-20°C	no	3,000 to 5,000	
	<b>Kalanchoe</b> <i>Kalanchoe blossfeldiana</i>	<b>Mandala™</b>	5.5-6.2	100-150 PPM N balanced feed media EC 0.6-1.2	maintain moderate moisture	68-75°F/62-68°F 20-24°C/17-20°C	optional	5,000 to 6,000	
	<b>Lavandula</b> <i>Lavandula angustifolia</i>	<b>Sweet Dreams™ Blue</b>	5.8-6.2	100-150 PPM N constant feed	moderate	50-90°F/38-68°F 15-32°C/3-20°C	yes	5,000 to 7,000	
	<b>Lavender</b> <i>Lavandula stoechas</i>	<b>LaVela™</b>	5.8-6.2	150-200 PPM N	grow on the dry side	60-75°F/38-60°F 15-23°C/3-15°C	yes	5,000 to 9,000	
	<b>Lobelia</b> <i>Lobelia cultivars</i>	<b>Magadi™ Basket</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-77°F/50-65°F 18-25°C/10-18°C	yes	3,000 to 6,000	
	<b>Lobelia</b> <i>Lobelia cultivars</i>	<b>Magadi™, Magadi™ Compact</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	70-75°F/55-60°F 21-24°C/13-16°C	yes	5,000 to 6,000	
	<b>Lysimachia</b> <i>Lysimachia nummularia</i>	<b>Goldilocks</b>	5.5-6.2	200 PPM N	moderate	50-85°F/36-70°F 10-29°C/2-21°C	optional	1,500 to 6,000	
	<b>Muehlenbeckia</b> <i>Muehlenbeckia complexa</i>	<b>Muehlenbeckia</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	

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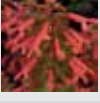

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				CROP TIME FROM ROOTED CUTTING/PLANTS PER POT (PPD)		
	Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
	B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Mites, Aphids, Botrytis			16 to 20 weeks (varies seasonally), 4 ppp	
	B-Nine 1,500 PPM (S)	Caterpillars, Aphids, Pythium	Keep moderate feed and water levels to maintain good growth and silver foliage.	8 to 12 weeks, 1 ppp	10 to 14 weeks (varies seasonally), 3 ppp	12 to 16 weeks (varies seasonally), 3 to 5 ppp
	B-Nine 2,500 PPM (S), Cycocel 1,000 PPM + B-Nine 2,500 PPM tank mix (S)	White Fly, Spider Mites, Botrytis, Pythium	Start warm. After side shoots have developed, cool temperatures and high light levels will improve plant quality.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	8 to 10 weeks, 3 to 5 ppp
	B-Nine 1,500 PPM (S)	Thrips, Aphids, Mites, INSV, Botrytis, Pythium	Don't overwater or overfeed. Keep pH above 6 to avoid iron/manganese toxicity.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 ppp	10 to 13 weeks, 3 to 4 ppp
	Bonzi 2-5 PPM (S)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Maintain temperature. For flower development, grow the crop on the dry side, but avoid drying out, as this will reduce flower performance. Avoid high salt levels.	6 to 7 weeks, 1 ppp	8 to 9 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp
	none	Aphids, Spider Mites, Thrips, Pythium, Botrytis		4 to 6 weeks, 1 ppp	6 to 8 weeks, 1 to 2 ppp	8 to 12 weeks, 4 to 5 ppp
	B-Nine 2,500 PPM (S), B-Nine 1,500 PPM/Cycocel 500 PPM (S)	Aphids, Mealybugs, Powdery Mildew, Phytophthora, Pythium	PGRs are necessary to strengthen the flower stems.	14 weeks, 1 ppp	16 weeks, 1 ppp	8-in. tabletop/bowls/ combos: 18 weeks, 3 ppp
	not recommended	Spider Mites, Fusarium		14 to 16 weeks, 1 ppp	16 to 20 weeks, 1 to 2 ppp	
	none	Rosemary Beetle, Pythium, Rhizoctonia	Grow cool and on the dry side.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 to 2 ppp	10 to 13 weeks, 3 to 4 ppp
	B-Nine 2,500 PPM (S), Bonzi 2 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium, Rhizoctonia				
	B-Nine 1,500-2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp
	none		Very easy to grow.	5 to 7 weeks, 1 ppp	6 to 9 weeks, 3 ppp	
	none	Mites		8 to 10 weeks (varies seasonally), 1 ppp	10 to 12 weeks (varies seasonally), 1 to 3 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp

**\*Temperature needs day/night:** During rooting, keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward, follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8 to 12°F/-13 to -11°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

# Finishing Guide

			ROOTING & FINISHING			FINISHING GUIDELINES			
	Crop	Series/Variety	Media pH <sup>2</sup>	Fertilizer Needs <sup>3</sup>	Watering <sup>4</sup>	Temperature Needs Day / Night <sup>5</sup>	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	<b>Nemesia</b> <i>Nemesia fruticans</i>	<b>Whimsy™</b>	5.8-6.2	4,000-7,000		60-68°F/50-60°F 15-20°C/10-16°C	optional	4,000 to 7,000	
	<b>Osteospermum</b> <i>Osteospermum hybrid</i>	<b>4D™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	dry regularly between waterings	59-76°F/35-55°F 15-24°C/2-13°C	recommended	5,000 to 9,000	
	<b>Osteospermum</b> <i>Osteospermum ecklonis</i>	<b>Daisy Falls™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	dry regularly between waterings	50-75°F/40-60°F 15-24°C/4-16°C	optional	5,000 to 8,000	
	<b>Osteospermum</b> <i>Osteospermum ecklonis</i>	<b>FlowerPower™ Compact, FlowerPower™ Spider, Zion™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	dry regularly between waterings	60-65°F/35-52°F 16-18°C/2-11°C	recommended	5,000 to 6,000	
	<b>Pericallis</b> <i>Senecio x hybrida</i>	<b>Senetti®</b>	5.5-6.0	medium 260 PPM	light	70-75°F/50-55°F 21-24°C/10-13°C	yes	5,000 to 6,000	
	<b>Petchoa</b> <i>Calibrachoa x Petunia specialities</i>	<b>EnViva™</b>	5.8-6.2	100-150 PPM N/EC 1.4-1.8	moderate	60-68°F/50-60°F 15-20°C/10-16°C	Optional	4,000 to 4,000	
	<b>Petunia</b> <i>Petunia cultivars</i>	<b>Headliner™, SweetSunshine™</b>	5.4-5.8	250-300 PPM N/EC 2.0-2.4	keep constantly moist	65-75°F/50-60°F 18-24°C/10-16°C	recommended	5,000 to 6,000	
	<b>Petunia</b> <i>Petunia cultivars</i>	<b>Main Stage™</b>	5.8-6.2	250-300 PPM N/EC 2.0-2.4	keep moist	65-75°F/50-60°F 18-24°C/15-16°C	yes	5,000 to 8,000	
	<b>Petunia</b> <i>Petunia cultivars</i>	<b>Starlet™</b>	5.4-5.8	250-300 PPM N/EC 2.0-2.4	keep constantly moist	65-75°F/50-60°F 18-24°C/15-16°C	recommended	5,000 to 6,000	
	<b>Phlox</b> <i>Phlox cultivars</i>	<b>Gisele®</b>	5.8-6.2	150-200 PPM N	avoid overwatering	65-80°F/50-65°F 18-27°C/15-18°C	recommended	3,000 to 9,000	
	<b>Portulaca</b> <i>Portulaca oleracea</i>	<b>PortoGrande™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/60-65°F 18-24°C/16-18°C	yes	5,000 to 6,000	
	<b>Salvia</b> <i>Salvia cultivars</i>	<b>Skyscraper™</b>	5.8-6.2	moderate	moderate	65-77°F/55-65°F 18-25°C/13-18°C	yes	4,000 to 7,000	
	<b>Sanvitalia</b> <i>Sanvitalia procumbens</i>	<b>Tsavo™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	70-75°F/55-60°F 21-24°C/13-16°C	yes	4,000 to 5,000	

<sup>2</sup> **Media pH:** Best results are achieved if media with the correct pH is used, starting with propagation.

<sup>3</sup> **Fertilizer needs:** Start with low concentrations after roots show and increase with plant development to the recommended levels.









<sup>4</sup> **Watering:** In general, avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns light brown and substrate starts to separate from the pot edge) before watering. "Keep constantly moist" means watering the plants just before substrate becomes dry. Water management in rooting and finishing is half the success and the best way to prevent root-bound diseases, improve performance and control plant quality.



				CROP TIME FROM ROOTED CUTTING/PLANTS PER POT (PPD)		
	Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
	Low requirement, B-Nine 2,000 PPM if needed	Aphids, Pythium	Grow cool and bright for best results.	7 to 10 weeks 1 ppp	10 to 14 weeks (varies seasonally)  3 ppp	NA
	Cycocel 750-1,500 PPM (S), Cycocel 750-1,500 PPM (D), Sumagic 5-10 PPM (S)/ Sumagic 0.5-1 PPM (D)	Thrips, White Fly, Aphids, Botrytis, Pythium, Rhizoctonia	It is recommended to NOT use B-Nine on 4D osteos, as it may have a negative effect on the expression of double flowers.	10 to 13 weeks,  1 ppp	11 to 14 weeks,  1 ppp	12 to 15 weeks,  3 ppp
	B-Nine/Cycocel (S), or low-level Bonzi 0.5-1 PPM (D)	Aphids, Thrips, Botrytis, Pythium		9 to 12 weeks,  1 ppp	10 to 13 weeks,  1 ppp	10 to 14 weeks,  3 ppp
	Cycocel 1,000 PPM + B-Nine 2,500 PPM tank mix (S), Sumagic 5-10 PPM (S)/Cycocel 750-1,500 PPM (D), Sumagic 0.5-1 PPM (D), Bonzi 0.5-3 PPM (D)	Aphids, White Fly, Thrips, Botrytis, Pythium	Pinch after plants have rooted into the media and are well-developed, but avoid stretch. Cool temperatures and high light levels will improve plant quality.	9 to 12 weeks,  1 ppp	10 to 13 weeks,  1 ppp	10 to 14 weeks,  3 to 4 ppp
	B-Nine 2,000 PPM (S) every 14 days.	Aphids, Mites, White Fly, Thrips, Powdery Mildew, Thielaviopsis	Avoid overwatering, avoid frost; shade in last three weeks of finishing may cause stretch.	10 to 20 weeks,  1 ppp	10 to 20 weeks,  1 ppp	10 to 20 weeks,  1 ppp
	B-Nine Cycocel 2,000/750 PPM, Bonzi drench 1 PPM as needed			7 to 10 weeks,  1 ppp	7 to 10 weeks (varies seasonally),  3 ppp	12 to 16 weeks (varies seasonally),  3 to 5 ppp
	B-Nine 2,500 PPM (S), Sumagic 20-30 PPM (S)/Sumagic 0.5 PPM (D), Bonzi 2-4 PPM (D)	Aphids, Thrips, Leafminer, White Fly, Powdery Mildew, Pythium	Cool temperatures and high light levels will improve plant quality. Watch Fe deficiency.	6 to 7 weeks,  1 ppp	7 to 9 weeks,  1 ppp	9 to 12 weeks,  3 to 4 ppp
	B-Nine 2,500-3,000 PPM (S), Bonzi 2-4 PPM (D)	Spider Mites, Thrips, Botrytis, Tobacco Mosaic Virus		4 to 6 weeks,  1 ppp	6 to 8 weeks,  1 ppp	10 to 12 weeks,  3 ppp
	B-Nine 2,500 PPM (S), Sumagic 20-30 PPM (S)/Sumagic 0.5 PPM (D), Bonzi 2-4 PPM (D)	Aphids, Thrips, Leafminer, White Fly, Powdery Mildew, Pythium	Cool temperatures and high light levels will improve plant quality. Watch Fe deficiency.	6 to 7 weeks,  1 ppp	7 to 9 weeks,  1 ppp	9 to 12 weeks,  3 to 4 ppp
	B-Nine 1,500-2,000 PPM (S)	Thrips, Pythium, Powdery Mildew	Avoid over-watering.	5 to 6 weeks,  1 ppp	6 to 8 weeks,  1 to 2 ppp	10 to 12 weeks,  3 to 4 ppp
	generally not needed - keep dry to control vigor	Aphids, Fungus Gnats, Slugs, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	6 to 8 weeks,  1 ppp	8 to 10 weeks,  2 ppp	9 to 12 weeks,  4 to 5 ppp
	B-Nine 2,500 PPM (S)	Mites		4 to 5 weeks,  1 ppp	5 to 7 weeks,  1 ppp	8 to 10 weeks,  1 to 3 ppp
	B-Nine 2,500 PPM (S), Sumagic 2-5 PPM (S)	Aphids, Spider Mites, Pythium	Start late Spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 7 weeks,  1 ppp	8 to 9 weeks,  1 to 2 ppp	9 to 12 weeks,  4 to 5 ppp

**\*Temperature needs day/night:** During rooting, keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward, follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8 to 12°F/-13 to -11°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

# Finishing Guide

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	Crop	Series/Variety	Media pH <sup>2</sup>	Fertilizer Needs <sup>3</sup>	Watering <sup>4</sup>	Temperature Needs Day / Night <sup>5</sup>	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	<b>Scaevola</b> <i>Scaevola aemula</i>	<b>Fairy™</b>	5.4-5.8	200-250 PPM N/EC 1.8-2.0	grow on the dry side	68-78°F/62-65°F 20-26°C/17-18°C	yes	5,000 to 6,000	
	<b>Sedum</b> <i>Sedum tetractinum</i>	<b>Coral Reef</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	
	<b>Sedum</b> <i>Sedum mexicanum</i>	<b>Gold Mound</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	
	<b>Sedum</b> <i>Sedum cultivars</i>	<b>Little Shimmer, Little Shine</b>	5.8-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	
	<b>Trixi®</b> <i>Mixed Combination</i>	<b>Trixi recipes</b>	5.4-5.8	200-250 PPM N/EC 1.8-2.0	keep constantly moist	70-75°F/55-60°F 21-24°C/13-16°C	a second pinch is recommended	5,000 to 6,000	
	<b>Verbena</b> <i>Verbena cultivars</i>	<b>Beats™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/60-65°F 18-24°C/16-18°C	optional	5,000 to 6,000	
	<b>Verbena</b> <i>Verbena cultivars</i>	<b>Blues™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/60-65°F 18-24°C/16-18°C	yes	5,000 to 6,000	
	<b>Verbena</b> <i>Verbena cultivars</i>	<b>Lascar™</b>	5.8-6.2	200-250 PPM N/EC 1.8-2.0	grow on the dry side	65-75°F/60-65°F 18-24°C/16-18°C	yes	5,000 to 6,000	

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	Sumagic 5-10 PPM (S), Bonzi 10-20 PPM (S)/Bonzi 0.5-1 PPM (D)	Botrytis, Pythium, Phytophthora	Start late Spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 7 weeks, 1 ppp	8 to 10 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp
	none			8 to 10 weeks (varies seasonally), 1 ppp	10 to 12 weeks (varies seasonally), 1 to 3 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp
	none			8 to 10 weeks (varies seasonally), 1 ppp	10 to 12 weeks (varies seasonally), 1 to 3 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp
	none			8 to 10 weeks (varies seasonally), 1 ppp	10 to 12 weeks (varies seasonally), 1 to 3 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp
	Depends on the Mix. B-Nine 2,500-3,500 PPM (S), Sumagic 5-20 PPM (S)/Sumagic 0.25-0.50 PPM (D), Bonzi 2-4 PPM (D)	Depends on the Mix. See single crops for a list of possible problems.	Cool temperatures and high light levels will improve plant quality. Pinch as needed for improved plant habit. Watch for Fe deficiency.	5 to 6 weeks, 1 ppp	5 to 6 weeks, 1 to 2 ppp	8 to 10 weeks, 3 to 4 ppp
	Very little or no PGR is necessary for Beats. If necessary, B-Nine 1,000 PPM/ Cycocel 500 PPM works well.	Thrips, Aphids, Leafminer, Powdery Mildew	Due to its natural compact habit, use care to avoid overwatering.	5 to 6 weeks, 1 ppp	6 to 8 weeks, 3 ppp	7 to 9 weeks, 5 ppp
	B-Nine 1,500-2,500 PPM (S), Sumagic 5-10 PPM (S), Cycocel 1,000-2,000 PPM (S)	Thrips, Aphids, White Fly, Leafminer, Powdery Mildew	Let media dry out between watering. Avoid stretch, and pinch as needed to improve plant habit.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	8 to 10 weeks, 3 to 4 ppp
	B-Nine 1,500-2,500 PPM (S), Sumagic 5-10 PPM (S), Cycocel 1,000-2,000 (S)	Thrips, Aphids, White Fly, Leafminer, Powdery Mildew	Let media dry out between watering. Avoid stretch, and pinch as needed to improve plant habit.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	8 to 10 weeks, 3 to 5 ppp



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