



**selecta<sup>one</sup>**

2019

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# New Star Power

Four standout classes—Calibrachoa, Dahlias, Petunias and Trixi® Combos—are getting the star treatment in 2019.

This year, we have streamlined our diverse MiniFamous® Calibrachoa line to make it even easier to select from our classic core colors, doubles and stars. Turn to page 30 for a chart listing the new names—Uno, Neo and Standard—along with the former names for many of your favorites.

The newest star in the Headliner™ Petunia series is Starry Sky Burgundy, with its bold center star and flecks of white resembling stars in a dark sky.

You can count on Selecta One® for superior genetics, proprietary breeding and testing, world-class production, and star power in the marketplace.

**Dahlias –**  
We have added a whole new dark-leaf series from the Dalaya™ breeding.



**NEW** City Lights™ Golden Yellow



**NEW** City Lights™ Red







**NEW** Uno Double PinkTastic

**Calibrachoa** –  
Our popular  
MiniFamous series  
has been re-sorted  
into Uno, Neo  
and Standard  
to simplify  
your choices.



**NEW** Neo Apricot Strike

**NEW** Headliner Starry Sky Burgundy



**Petunias** –  
Our innovative  
Headliner series  
is taking  
the market  
by storm!



**NEW** Written in the Stars

**Trixi** –  
Our ever-popular  
combo program  
integrates most of our  
new varieties. Also,  
we are introducing  
Trixi Duos, two-variety  
combos for lower  
cost input and easier  
growing.

# Key to symbols

## 19 Upgraded Variety

Varieties noted as 19 represent a significant improvement compared to last year's genetics. | Les variétés indiquées par la mention 19 représentent une amélioration significative comparativement à la génétique de l'année passée. | Las variedades marcadas con 19 indican un mejoramiento significativo, comparado con la genética del año anterior.



### Top

Varieties are bestsellers. | Variétés à succès. | Las variedades de mayor venta.



### High Density

Varieties are especially suitable for high-density production and quick-turning crops. Mounding, compact habit, easy-to-control vigor and early flowering allows for high-density growing and shipping. | Variétés qui conviennent spécialement aux productions à densité élevée et aux productions fréquemment renouvelées. Un port compact en monticule, une vigueur facile à contrôler et une floraison hâtive favorisent une culture et une expédition à densité élevée. | Las variedades de este grupo son ideales para producciones de alta densidad y tiempo de cultivo rápido. Su hábito redondeado y compacto, vigor fácil de controlar y floración precoz, hace que estas plantas sean la mejor opción para producción y envíos de alta densidad.



### Sun-Lover

Varieties are especially suitable for hot areas and growing in warmer temperatures. | Variétés qui conviennent particulièrement aux emplacements où il fait très chaud et à la culture sous des températures chaudes. | Variedades son especialmente apropiadas para áreas de calor y producción con temperaturas cálidas.



### No-Pinch

Varieties mean savings on labor costs, less sanitary risk and shorter crop times. | Variétés qui permettent d'économiser à moyen terme sur les coûts de la main-d'œuvre et pour lesquelles le risque phytosanitaire et le temps de production sont moindres. | Variedades no requieren despuntes, por lo tanto se reducen tanto el costo de mano de obra, como los riesgos de sanidad, y el tiempo de cultivo.

## Vigor | Vigueur | Crecimiento

- 1 **low** | très compact | bajo
- 2 **low-medium** | compact | bajo-mediano
- 3 **medium** | moyen | mediano
- 4 **medium-high** | vigoureux | mediano-alto
- 5 **high** | très vigoureux | alto

## Flowering Time | Floraison | Floración

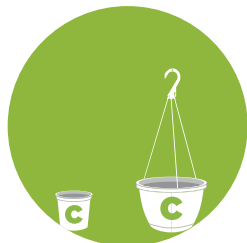
- 1 **very early** | très précoce | precoz
- 2 **early** | précoce | temprana
- 3 **standard** | mi-saison | estándar

## Heat Tolerance | Tolérance à la chaleur | Tolerancia al Calor

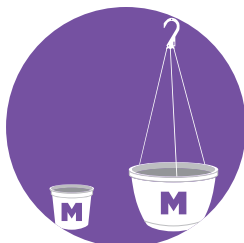
- A **excellent** | excellente | excelente
- B **very good** | très bonne | muy buena
- C **good** | bonne | buena

## 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.



COMPACT POT & BASKET



MEDIUM POT & BASKET



LARGE POT & BASKET











































NOVELTY



















# Season your Palette for Sales!

MONO COMBOS			MONO COMBOS		
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MULTI-SPECIES COMBOS		
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Start the early season with the unexpected:  
show some **NEW** purple and peach combos...



**NEW**

#### Flamingo Feather

Big Falls™ Blue Bacopa

**NEW** Piccadilly™ Dark Salmon 19 Diascia

Daisy Falls™ Purple Osteospermum

Ⓥ 4 Ⓢ 2 Ⓢ C



**NEW**

#### Daisy Dance

MiniFamous® Neo Orange+Red Eye Calibrachoa

Daisy Falls™ Purple Osteospermum

Lascar™ Mango Orange Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



**NEW**

#### Popular Demand

MiniFamous® Standard Double Deep Yellow Calibrachoa

**NEW** MiniFamous® Uno Violet Star Calibrachoa

Daisy Falls™ Purple Osteospermum

Ⓥ 4 Ⓢ 2 Ⓢ B



#### Daisy Falls

Daisy Falls™ Pink Osteospermum

Daisy Falls™ Purple Osteospermum

Daisy Falls™ White Amethyst Osteospermum

Ⓥ 4 Ⓢ 2 Ⓢ B



...then go bold with these popular Trixis® in brilliant contrasting colors.



### Twinkle Star

**Big Falls™** Pearl Bacopa

**Namid™** Early Yellow Bidens

**MiniFamous® Compact** Dark Blue Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



NEW

### Written in the Stars

**MiniFamous® Neo** Deep Yellow Calibrachoa

**MiniFamous® Uno** Violet Star Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



### Out of the Blue

**Namid™** Early Yellow Bidens

**Magadi™** Dark Blue Lobelia

**Lascar™** White Verbena

Ⓥ 4 Ⓢ 1 Ⓢ B



### Flirtini

**MiniFamous® Neo Double** Amethyst Calibrachoa

**MiniFamous® Uno Double** Light Pink Calibrachoa

**MiniFamous® Neo Double** Lemon Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



Turn heads with these mid-season Trixi combos...



**TOP**

#### Prime Time

**Namid™** Special Yellow Bidens

**Lascar™** Dark Red Verbena

**Lascar™** Dark Violet Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



**TOP**

#### Crazy for Crayons

**Namid™** Early Yellow Bidens

**MiniFamous® Compact** Dark Blue Calibrachoa

**Lascar™** Burgundy Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



**TOP**

#### Cajun Flare

**Headliner™** Violet Dark Eye Petunia

**Lascar™** Burgundy Verbena

**Namid™** Early Yellow Bidens

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Night Watch

**Namid™** Special Yellow Bidens

**Starlet™** Velvet Petunia

**Blues™** Red Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



...and showcase contrasting primary colors to capture attention.



### Double Delight

MiniFamous® Uno Double Lemon Calibrachoa  
Magadi™ White Lobelia  
Lascar™ Burgundy Verbena

✓ 3 ⌚ 1 🌀 B



TOP

### Bolero

MiniFamous® Compact Dark Blue Calibrachoa  
MiniFamous® Neo Deep Yellow Calibrachoa  
MiniFamous® Neo Vampire Calibrachoa

✓ 4 ⌚ 2 🌀 B

NEW

### Brass Band

MiniFamous® Neo Vampire Calibrachoa  
MiniFamous® Neo Deep Yellow Calibrachoa

✓ 4 ⌚ 2 🌀 B



The reds and pinks in these mid-season Trixis add a softer feminine touch...



**TOP**

#### Gold & Bold

MiniFamous® Neo Deep Yellow Calibrachoa

MiniFamous® Neo Purple Calibrachoa

MiniFamous® Neo Royal Blue Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



**TOP**

#### Double Date

MiniFamous® Neo Double Amethyst Calibrachoa

MiniFamous® Uno Double Lemon Calibrachoa

MiniFamous® Standard Double Magenta Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



#### La Bomba

MiniFamous® Neo Royal Blue Calibrachoa

Namid™ Early Yellow Bidens

Headliner™ Red Petunia

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Ayers Rock

MiniFamous® Neo Orange+Red Eye Calibrachoa

Magadi™ Electric Purple Lobelia

Lascar™ Dark Red Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



...but the contrasting colors deliver a bold, dynamic message.



**NEW**

#### Jam Session 19

Namid™ Early Yellow Bidens

MiniFamous® Neo Light Blue Calibrachoa

Starlet™ Burgundy Petunia

Ⓥ 4 Ⓢ 2 Ⓢ B



#### Lollipop

MiniFamous® Neo Blue Calibrachoa

MiniFamous® Neo Deep Yellow Calibrachoa

MiniFamous® Neo Pink Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ A

**NEW**

#### Love Song

MiniFamous® Standard Double Deep Yellow Calibrachoa

Headliner™ Lipstick Petunia

Fairy™ Blue Scaevola

Ⓥ 5 Ⓢ 2 Ⓢ A



Spice up displays with Trixi combos in warmer tones...



#### Batting Eyes

MiniFamous® Neo Coral+Red Eye Calibrachoa  
MiniFamous® Neo Orange+Red Eye Calibrachoa  
MiniFamous® Uno Yellow+Red Vein Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



#### Pop the Bubbly

Starlet™ Yellow Petunia  
Lascar™ White Verbena  
Namid™ Early Yellow Bidens

Ⓥ 3 Ⓢ 2 Ⓢ B

**NEW**

#### Sunset 19

MiniFamous® Uno Orange Calibrachoa  
MiniFamous® Uno Yellow Calibrachoa  
MiniFamous® Neo Vampire Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B

...then offer a sweeter palette with soft pinks and lavenders.



#### Who Knew Orleans

**MiniFamous® Uno** Yellow+Red Vein Calibrachoa  
**Headliner™** Red Petunia  
**Lascar™** Mango Orange Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Sweet Candy

**MiniFamous® Neo** Orange+Red Eye Calibrachoa  
**MiniFamous® Neo** Light Pink+Eye Calibrachoa  
**MiniFamous® Compact** Dark Blue Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



TOP

#### Caribbean Cocktail

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

Ⓥ 4 Ⓢ 2 Ⓢ B



#### Salt Water Taffy

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa  
**Starlet™** Pink Lemonade Petunia  
**Blues™** Lavender+Eye Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



Suggest an expression of romance with tone-on-tone combos...



**NEW**

### Hotter Than You Pink

**Headliner™** Lipstick Petunia  
**Headliner™** Pink Vein Petunia  
**Headliner™** White Petunia

Ⓥ 4 Ⓢ 2 Ⓢ B



**NEW**

### Cherry Kiss 19

**MiniFamous® Neo** Salmon Pink+Eye Calibrachoa  
**Headliner™** Lipstick Petunia  
**Blues™** Light Pink+Eye Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



**TOP**

### Geisha Girl

**Headliner™** Red Petunia  
**Lascar™** Red Rose Verbena  
**MiniFamous® Neo** Light Pink+Eye Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



...with pretty pinks and reds perfect for Mother's Day.



NEW

#### Heat of the Moment

Marcada™ Dark Red Geranium

Marcada™ Magenta Geranium

Marcada™ Pink Geranium

Ⓥ 3 Ⓢ 2 Ⓢ A



NEW

#### Swing Time

Royal™ Sweet Candy Geranium

Royal™ White Geranium

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Strawberry Shortcake

Big Falls™ White Bacopa

MiniFamous® Neo Light Pink+Eye Calibrachoa

Lascar™ Burgundy Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



Richly colored layers of light pink, dark pink, rose and purple...



**NEW**

### Starspinner

MiniFamous® Uno Pink Star Calibrachoa  
MiniFamous® Uno Violet Star Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓜ B



**TOP**

### Berry Daring

MiniFamous® Neo Purple Calibrachoa  
MiniFamous® Neo Salmon Pink+Eye Calibrachoa  
MiniFamous® Neo Violet+Eye Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓜ B



### Electric Avenue

MiniFamous® Standard Double Pink Vein Calibrachoa  
Magadi™ Electric Purple Lobelia  
Blues™ Violet+Eye Verbena

Ⓥ 3 Ⓢ 2 Ⓜ B



...convey a regal quality sure to impress.



#### Fairy

**Fairy™** Blue Scaevola  
**Fairy™** Pink Scaevola  
**Fairy™** White Scaevola

Ⓥ 3 Ⓢ 2 Ⓢ A



**NEW**

#### Nightfall 19

**MiniFamous®** Neo Blue Calibrachoa  
**Starlet™** Lavender Star 19 Petunia  
**Blues™** Lavender+Eye Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



**NEW**

#### Starlight Starbright 19

**MiniFamous®** Neo Blue Calibrachoa  
**Starlet™** Lavender Star 19 Petunia  
**BeBop™** Lavender Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B

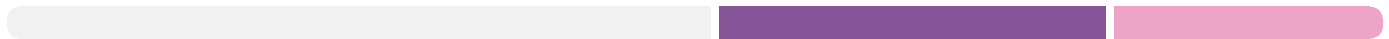


#### Express Yourself

**Headliner™** Violet Dark Eye Petunia  
**Lascar™** Burgundy Verbena  
**Magadi™** Electric Blue Lobelia

Ⓥ 3 Ⓢ 2 Ⓢ B

Bright white adds a surprising pop to soft pastels...



#### Pretty Princess

**MiniFamous® Uno Double** Chiffon Calibrachoa  
**MiniFamous® Uno Double** Light Pink Calibrachoa  
**MiniFamous® Uno Double** White Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Blueberry Parfait 19

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

Ⓥ 4 Ⓢ 2 Ⓢ B



#### Walk on a Cloud

**Starlet™** White Petunia  
**Lascar™** White Verbena  
**Magadi™** Basket White Lobelia

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Party Favor

**MiniFamous® Neo** Blue Calibrachoa  
**MiniFamous® Neo** Pink Calibrachoa  
**MiniFamous® Neo** White Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



...lending a sophisticated air to these Trixi combos.



**NEW**

#### Purple with a Purpose 19

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

Ⓥ 4 Ⓢ 2 Ⓢ B

#### Treasure Chest

Magadi™ Electric Purple Lobelia  
Headliner™ Violet Dark Eye Petunia  
Lascar™ White Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



#### Wild Berry

MiniFamous® Neo Blue Calibrachoa  
MiniFamous® Neo Purple Calibrachoa  
MiniFamous® Neo White Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B

#### Soul

Blues™ Lavender+Eye Verbena  
Blues™ Purple+Eye Verbena  
Blues™ White Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B

Celebrate summer holidays with red, white and blue combos.



**NEW**

#### Old Glory 19

MiniFamous® Compact Dark Blue Calibrachoa  
MiniFamous® Neo White Calibrachoa  
MiniFamous® Neo Vampire Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



**TOP**

#### Liberty Bell

MiniFamous® Neo Royal Blue Calibrachoa  
Headliner™ Red Petunia  
Lascar™ White Verbena

Ⓥ 3 Ⓢ 2 Ⓢ A



#### Spring Valley

MiniFamous® Standard Orange Calibrachoa  
MiniFamous® Neo Blue Calibrachoa  
Magadi™ Basket White Lobelia

Ⓥ 4 Ⓢ 2 Ⓢ B



#### Ball Game

Headliner™ Blue Petunia  
Headliner™ Red Petunia  
Headliner™ White Petunia

Ⓥ 3 Ⓢ 1 Ⓢ B





**NEW** LaRita™ Argyranthemum

***Argyranthemum frutescens***

This early-flowering, uniform series is offered in a large variety of standard and novelty colors to brighten up gardens and containers. The series also offers excellent branching, and is suited for landscape use in cool coastal climates.

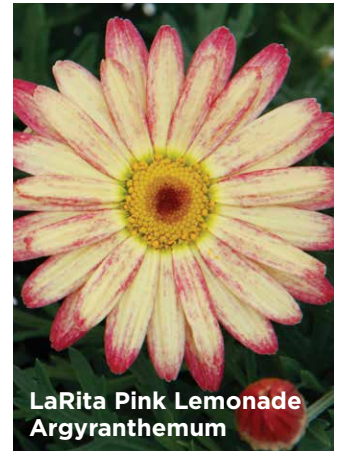
**Height:** 17 to 24 in. (43 to 61 cm)

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



**LaRita Hot Pink  
Argyranthemum**

Ⓥ 2 Ⓢ 2 Ⓜ B



**LaRita Pink Lemonade  
Argyranthemum**

Ⓥ 2 Ⓢ 2 Ⓜ B



**LaRita Red  
Argyranthemum**

Ⓥ 2 Ⓢ 1 Ⓜ B



**LaRita Rose  
Argyranthemum**

Ⓥ 2 Ⓢ 2 Ⓜ B



**LaRita Salmon Pink  
Argyranthemum**

Ⓥ 2 Ⓢ 1 Ⓜ B



**LaRita Toffee  
Argyranthemum**

Ⓥ 1 Ⓢ 2 Ⓜ B



**LaRita White  
Argyranthemum**

Ⓥ 2 Ⓢ 1 Ⓜ B



**LaRita Yellow  
Argyranthemum**

Ⓥ 3 Ⓢ 2 Ⓜ B

**NEW** Alessia Argyranthemum

***Argyranthemum frutescens***

Alessia features stunning white daisy blooms, made even more impressive by the large size of the flowers and their coverage over full silver foliage. Continuous new blooms keep the plant looking fresh in garden beds and large containers. This semi-vigorous variety also withstands Summer's heat.

**Height:** 23 to 25 in. (58 to 64 cm)

**Spread:** 23 to 25 in. (58 to 64 cm)



**Alessia Argyranthemum**

Ⓥ 3 Ⓢ 2 Ⓜ A



## Opera™ Arctotis

**Arctotis sp.**

Fun series of compact arctotis is easy to control and finish in small pots for strong early-season sales. In three stunning colors, Opera makes a great complement to osteospermum and argyranthemum programs.

**Height:** 6 to 8 in. (15 to 20 cm)  
**Spread:** 12 to 16 in. (30 to 41 cm)



Opera Fire Arctotis  
V 2 S 1 C



Opera Orange Arctotis  
V 2 S 1 C



Opera Rose Arctotis  
V 2 S 1 C

## Big Falls™ Bacopa

**Sutera grandiflora**

Excellent branching, featuring large blooms with saturated colors and short crop time.

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



Big Falls Blue Bacopa  
formerly Summer Blue  
V 3 S 1 B



Big Falls Dark Blue Bacopa  
V 3 S 1 B



Big Falls Dark Pink Bacopa  
V 3 S 1 B



Big Falls Pearl Bacopa  
V 3 S 1 B



Big Falls White Bacopa  
V 3 S 1 B



Big Falls  
Blue Bacopa



# Mistral™ Begonia

*Begonia boliviensis*

Excellent branching makes Mistral the BEST begonia for hanging baskets! Large, eye-catching flowers mean lots of impulse sales. Great in mixed containers, too.

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

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



Dark Red

Ⓥ 4 Ⓢ 2 Ⓢ B



Orange

Ⓥ 3 Ⓢ 2 Ⓢ B



Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Yellow

Ⓥ 2 Ⓢ 2 Ⓢ B



Yellow



## Mistral™ Double Orange Begonia

### *Begonia cultivars*

Formerly known as Fiery Orange Begonia, this Boliviensis cross offers excellent cutting performance for reliable production. Exciting semi-double orange blooms complement a compact, well-branched plant.

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

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



**Double Orange**

Ⓥ 2 Ⓢ 2 Ⓢ B

Annuals

## Marshmallow Begonia

### *Begonia cultivars*

Compact Boliviensis cross provides dependable production and strong performance in small pots. Attractive, well-branched plants feature lots of two-toned blooms.

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

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



Ⓥ 1 Ⓢ 2 Ⓢ B



## Mohave™ Bracteantha

### *Bracteantha bracteata*

The widest color range in bracteantha spans the seasons from Spring to Fall. Mohave's superior branching and mounding habit really hold up at retail. Big, brilliant flowers make Mohave perfect for mixed containers and landscaping.

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

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

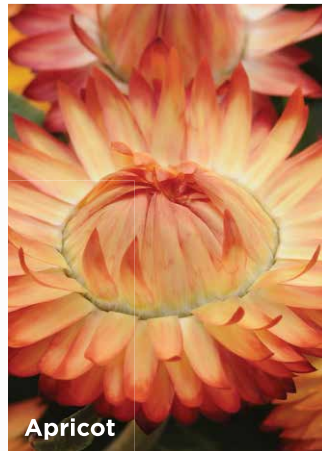
HD

NO  
PINCH



**Orange**





Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ A



## Namid™ Bidens

### *Bidens ferulifolia*

This one series fills all your bidens needs, with strong, well-branched varieties that provide controlled growth and long flower performance.

**Height:** 6 to 12 in. (15 to 30 cm)

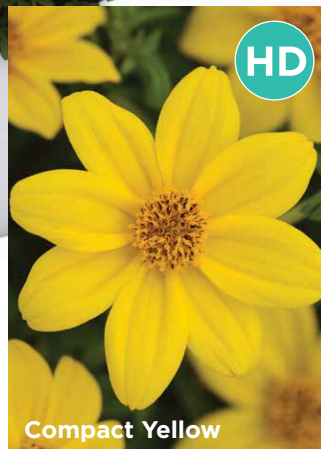
**Spread:** 12 to 20 in. (30 to 51 cm)



**Trixi La Bomba** featuring Namid Early Yellow Bidens, Headliner Red Petunia and MiniFamous Neo Royal Blue Calibrachoa. See page 10 for Trixi mixes.



**Compact Yellow**



**Compact Yellow**

☑ 1 ☑ 1 ☑ B

#### **Compact Yellow**

Small pots. A favorite in Southern markets.



**Early Yellow**

☑ 3 ☑ 1 ☑ A

#### **Early Yellow**

Airy habit. Great choice for mixed containers.



**Special Yellow**

☑ 2 ☑ 2 ☑ B

#### **Special Yellow**

The habit of Compact Yellow, but with more vigor. A favorite in Northern markets.



## Calynopsis™ Calceolaria

### *Calceolaria hybrid*

Grow these unique, colorful varieties as premium potted floral products for early-season sales. Calynopsis works well in many pot sizes. 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)



Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ C



Orange

Ⓥ 2 Ⓢ 2 Ⓢ C

Annuals



Orange Red Eye

Ⓥ 2 Ⓢ 2 Ⓢ C



Red

Ⓥ 2 Ⓢ 2 Ⓢ C



Yellow

Ⓥ 2 Ⓢ 2 Ⓢ C



Yellow With Red

Ⓥ 2 Ⓢ 2 Ⓢ C



Yellow  
With Red

# Calibrachoa Line-up

We have reorganized our selection of Calibrachoa into three series: MiniFamous® Uno, Neo and Standard. Both Uno and Neo offer singles, doubles and stars in solid core or novelty colors. The chart below shows you our full assortment.

2019 VARIETY NAME	PAGE	2018 VARIETY NAME
<b>MiniFamous® Uno Series</b>		
<b>NEW</b> Uno Blue	Page 33	_____
<b>NEW</b> Uno Orange	Page 33	_____
<b>NEW</b> Uno Pink	Page 33	_____
<b>NEW</b> Uno Pink Strike	Page 33	_____
<b>NEW</b> Uno Red	Page 33	_____
<b>NEW</b> Uno Yellow	Page 33	_____
Uno Yellow+Red Vein	Page 33	MiniFamous® Neo Yellow+Red Vein
<b>NEW</b> Uno White	Page 33	_____
Uno Double Close Up	Page 34	MiniFamous® Double Compact Close Up
Uno Double Chiffon	Page 34	MiniFamous® Double Compact Chiffon
Uno Double Lemon	Page 34	MiniFamous® Double Compact Lemon
Uno Double Light Pink	Page 34	MiniFamous® Double Compact Pink
<b>NEW</b> Uno Double PinkTastic	Page 34 & 35	_____
Uno Double Red	Page 34	MiniFamous® Double Compact Red
Uno Double Rose Chai	Page 34	MiniFamous® Double Compact Rose Chai
Uno Double White	Page 34	MiniFamous® Double Compact White
Uno Apricot Star	Page 34	StarShine™ Apricot
Uno Raspberry Star	Page 34	StarShine™ Cherry
Uno Pink Star	Page 34	StarShine™ Pink
Uno Violet Star	Page 34	StarShine™ Violet

# CALIBR

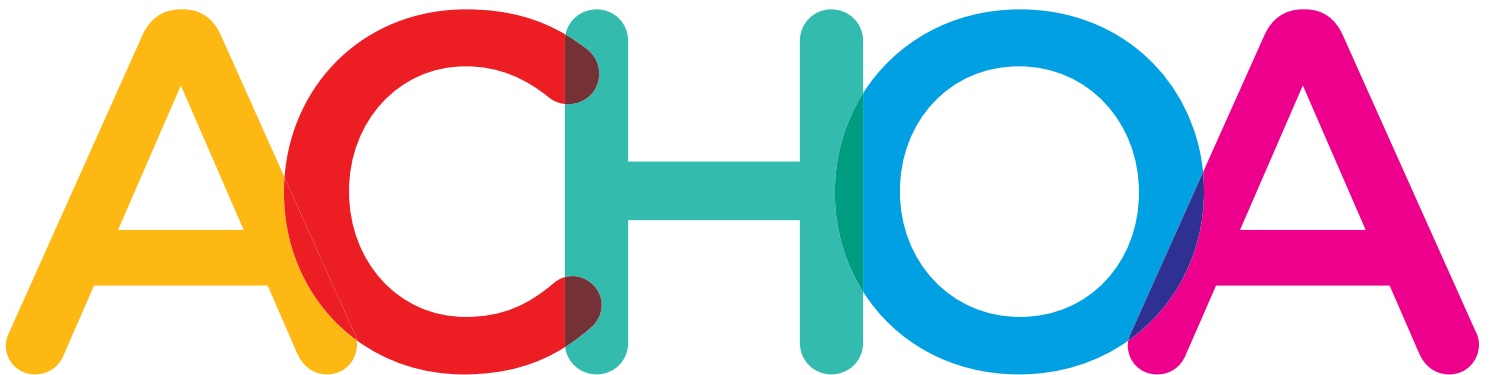


2019 VARIETY NAME	PAGE	2018 VARIETY NAME
<b>MiniFamous® Neo Series</b>		
<b>NEW</b> Neo Apricot Strike	Page 37	_____
Neo Blue	Page 37	MiniFamous® Compact Blue
Neo Coral+Red Eye	Page 37	MiniFamous® Neo Coral+Red Eye
Neo Deep Yellow	Page 37	MiniFamous® Neo Deep Yellow
Neo Light Blue	Page 37	MiniFamous® Neo Light Blue
Neo Light Pink+Eye	Page 37	MiniFamous® Light Pink+Eye
Neo Orange+Red Eye	Page 37	MiniFamous® Neo Orange+Red Eye
Neo Pink	Page 37	MiniFamous® Neo Pink
Neo Pink Strike	Page 37	MiniFamous® Neo Pink Strike
Neo Purple	Page 38	MiniFamous® Neo Purple
Neo Rose	Page 37	MiniFamous® Neo Rose
Neo Royal Blue	Page 37	MiniFamous® Neo Royal Blue
Neo Salmon Pink+Eye	Page 38	MiniFamous® Neo Salmon Pink+Eye
Neo Vampire	Page 37	MiniFamous® Neo Vampire
Neo Violet+Eye	Page 38	MiniFamous® Neo Violet+Eye
Neo White	Page 38	MiniFamous® Neo White
Neo White+Yellow Eye	Page 38	MiniFamous® Neo White+Yellow Eye
Neo Yellow	Page 38	MiniFamous® Neo Yellow
Neo Double Amethyst	Page 38	MiniFamous® Double Amethyst
Neo Double Blue	Page 38	MiniFamous® Double Blue
Neo Double Lemon	Page 38	MiniFamous® Double Lemon
Neo Double Pink	Page 38	MiniFamous® Double Pink
Neo Double Purple	Page 38	MiniFamous® Double Purple
Neo Double Silver Blue	Page 38	MiniFamous® Double Silver Blue

Standard Series - see page 39

**Double Apricot, Double Deep Yellow, Double Magenta, Double Pink Vein, Orange, Pure Yellow and Vampire**

Discontinued Varieties for 2019 - see page 113

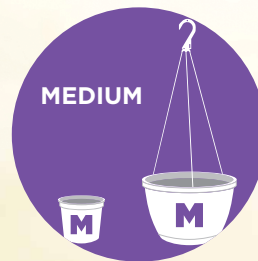


# Calibrachoa

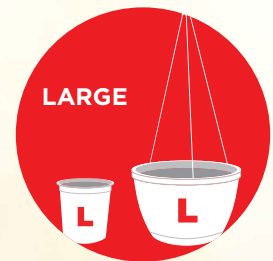
For 2019, we have streamlined our calibrachoa line into the NEW MiniFamous® Uno, Neo and Standard series to make it even easier to choose and grow your calibrachoa program. Our goal is to update the Standards into Uno and Neo over the next two years.



**Uno**  
PAGE 33



**Neo**  
PAGE 36



**Standard**  
PAGE 39



## Trixi Batting Eyes

featuring  
MiniFamous Neo Orange+Red  
Eye Calibrachoa  
MiniFamous Uno Yellow+Red  
Vein Calibrachoa  
MiniFamous Neo Coral+Red  
Eye Calibrachoa

## Trixi Double Date

featuring  
MiniFamous Neo Double  
Amethyst Calibrachoa  
MiniFamous Uno Double  
Lemon Calibrachoa  
MiniFamous Standard Double  
Magenta Calibrachoa



# MiniFamous<sup>®</sup> NEW Uno Calibrachoa

## Calibrachoa cultivars

**Early and Compact.** This early-to-flower, medium-compact calibrachoa series features classic core colors in singles, doubles and stars! Offering novel flower forms and uniform timing, it grows well in quart and gallon containers. It also thrives in hanging baskets as part of Trixi<sup>®</sup> combos. This series has the most diversity on the market.

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

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

HD



Uno Pink Strike

Ⓥ 2 Ⓢ 1 Ⓢ A

Annuals



Uno Orange

Ⓥ 3 Ⓢ 1 Ⓢ A



Uno Pink

Ⓥ 2 Ⓢ 1 Ⓢ A



Uno Blue

Ⓥ 4 Ⓢ 1 Ⓢ A



Uno Red

Ⓥ 1 Ⓢ 1 Ⓢ A



Uno White

Ⓥ 2 Ⓢ 1 Ⓢ A



Uno Yellow

Ⓥ 3 Ⓢ 1 Ⓢ A

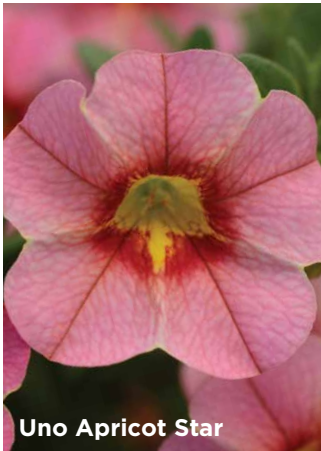


Uno Yellow+Red Vein

Ⓥ 2 Ⓢ 2 Ⓢ A

Uno continues on page 34

MiniFamous®  
**Uno Calibrachoa** *Continued*



**Uno Apricot Star**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Uno Raspberry Star**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Uno Pink Star**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Uno Violet Star**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Uno Double Chiffon**

Ⓥ 2 Ⓢ 1 Ⓢ A



**Uno Double Lemon**

Ⓥ 2 Ⓢ 1 Ⓢ A



**Uno Double Light Pink**

Ⓥ 2 Ⓢ 2 Ⓢ A



**Uno Double Red**

Ⓥ 2 Ⓢ 2 Ⓢ A



**Uno Double Rose Chai**

Ⓥ 1 Ⓢ 2 Ⓢ B



**Uno Double White**

Ⓥ 2 Ⓢ 2 Ⓢ A



**Uno Double Close Up**

Ⓥ 1 Ⓢ 1 Ⓢ B



**Uno Double PinkTastic**

Ⓥ 2 Ⓢ 1 Ⓢ A



**PinkTastic has been honored with two awards: the FleuroStar Award by Fleuroselect and a People's Choice Award from the Royal Horticultural Society.**



Part of the Uno series, early, compact PinkTastic grows well in quarts and hanging baskets. It features sharply contrasted double flowers and an attractive ball-shaped habit that is half trailing.



Ⓥ 2 Ⓢ 1 Ⓢ A

Annuals



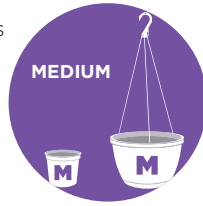
Uno Double PinkTastic



MiniFamous®  
**NEW** Neo Calibrachoa  
*Calibrachoa cultivars*

For a uniform, semi-trailing habit, combined with medium vigor and early flowering time, try MiniFamous Neo. It features large blooms in a wide range of colors. Neo is ideal for basket and mixed container programs.

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



**Neo Double  
Silver Blue**

**Neo  
White+Yellow Eye**



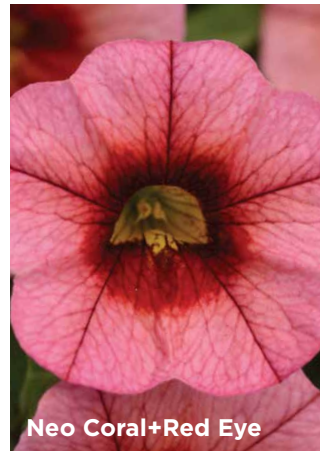


NEW

V 3 S 3 A



V 2 S 2 B



V 3 S 2 A



V 3 S 2 A



V 3 S 2 A



V 4 S 2 A



V 3 S 2 A



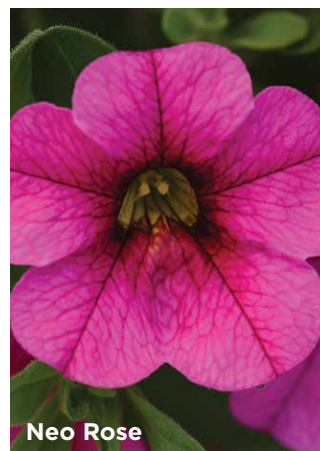
V 3 S 3 A



V 3 S 2 A



V 2 S 2 A



V 3 S 2 A



V 3 S 2 A

NEO continues on page 38



MiniFamous®  
**Neo Calibrachoa** *Continued*



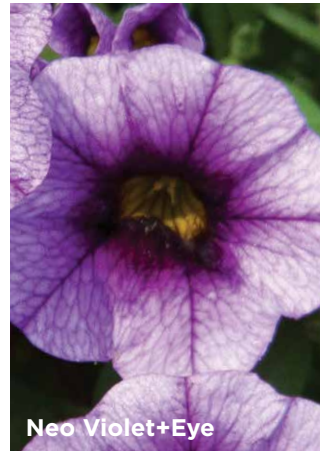
**Neo Salmon Pink+Eye**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Neo Purple**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Neo Violet+Eye**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Neo White**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Neo White+Yellow Eye**

Ⓥ 2 Ⓢ 2 Ⓢ A



**Neo Yellow**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Neo Double Amethyst**

Ⓥ 3 Ⓢ 2 Ⓢ A



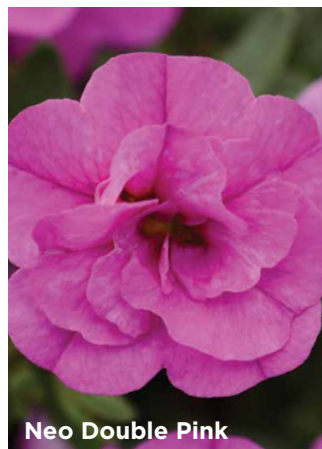
**Neo Double Blue**

Ⓥ 3 Ⓢ 3 Ⓢ A



**Neo Double Lemon**

Ⓥ 3 Ⓢ 1 Ⓢ A



**Neo Double Pink**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Neo Double Purple**

Ⓥ 3 Ⓢ 1 Ⓢ A



**Neo Double Silver Blue**

Ⓥ 3 Ⓢ 2 Ⓢ A



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

## *Calibrachoa cultivars*

Proven performers for years, these varieties have made MiniFamous the number one calibrachoa in North America year after year.

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



**Standard Orange**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Standard Pure Yellow**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Standard Vampire**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Standard Double Apricot**

Ⓥ 4 Ⓢ 2 Ⓢ A



**Standard Double Deep Yellow**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Standard Double Magenta**

Ⓥ 3 Ⓢ 3 Ⓢ A



**Standard Double Pink Vein**

Ⓥ 3 Ⓢ 2 Ⓢ B

## Early Blue Convolvulus

### *Convolvulus sabatius*

Drought and heat tolerant!  
Strategic blue blooms  
with a mounded habit make  
exciting combos.

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

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



Ⓥ 2 Ⓢ 2 Ⓢ A

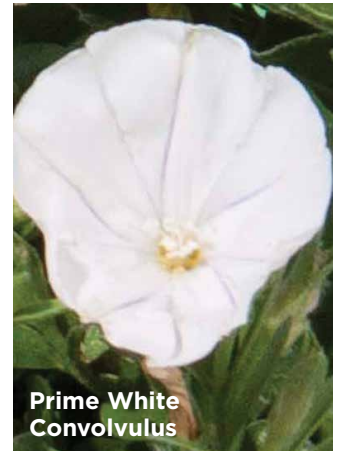
## Prime White Convolvulus

### *Convolvulus sabatius*

Easy-care and drought-  
tolerant. Attractive white  
blooms complement mixed  
combos.

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

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



Ⓥ 2 Ⓢ 2 Ⓢ A

## Cuphea

### *Cuphea hyssopifolia*

Also known as Mexican  
heather, *cuphea hyssopifolia*  
has fine, fernlike foliage and a  
plethora of small blooms. Heat  
loving and very easy to grow.

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

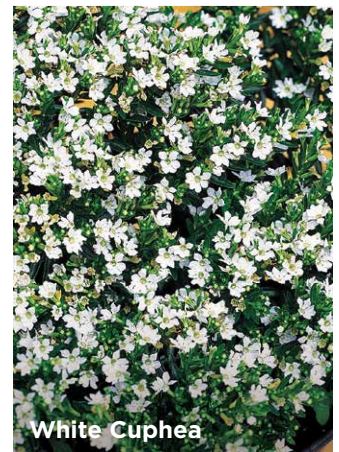
**Spread:** 16 to 18 in. (41 to 46 cm)



Ⓥ 2 Ⓢ 2 Ⓢ A



Ⓥ 2 Ⓢ 2 Ⓢ A



Ⓥ 2 Ⓢ 2 Ⓢ A

## Loreen™ Euphorbia

### *Euphorbia hypericifolia*

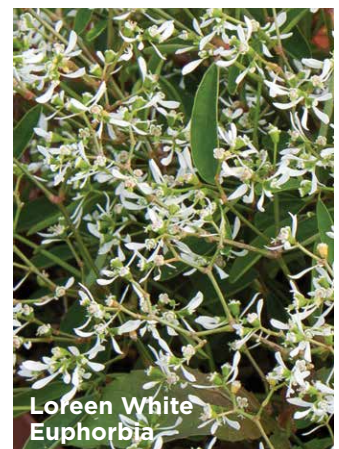
Excellent branching and dense flowering make an eye-catching  
display at retail and in finished containers. Use Loreen Compact  
in quarts, and Loreen in gallons and larger mixes.

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

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



Ⓥ 2 Ⓢ 2 Ⓢ A



Ⓥ 3 Ⓢ 2 Ⓢ A



## Bellinto™ Fuchsia

### *Fuchsia cultivars*

Day-neutral series of free-flowering fuchsia is a breeze to grow.  
Use trailing Bellinto in larger pots and baskets.

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

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



**Bellinto  
Red+Blue**



**Bellinto Compact  
Red+Violet Fuchsia**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Bellinto Compact  
Red+White Fuchsia**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Bellinto Red+Blue  
Fuchsia**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Bellinto Red+White  
Fuchsia**

Ⓥ 3 Ⓢ 2 Ⓢ B



# NEW City Lights™ Dahlia

## *Dahlia hybrida*

Dark-leaved garden dahlia comes from Dalaya breeding, so it is a powerhouse in the garden. The dark leaf makes it pop with contrast. Its bold, bicolor blooms last all season long. This series is a magnet for butterflies and birds. Dark-leaved varieties are known for having excellent color and good branching. City Lights makes an outstanding centerpiece.

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

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



Purple

Ⓥ 3 Ⓢ 3 Ⓢ A



Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Golden Yellow

Ⓥ 3 Ⓢ 2 Ⓢ A

Golden Yellow





Lavender Pink

Ⓥ 3 Ⓢ 2 Ⓢ A

Annuals



Lavender  
Pink



## Dalaya™ Dahlia

### *Dahlia hybrid*

Garden dahlia features exotic bicolors that charm with awesome retail appeal. Performs well in containers, gardens and landscapes. Medium vigor, with excellent branching, exceptional habit and superior mildew resistance.

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

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



Pink+Lemon



Pink+Rose Eye



Pink+Lemon





Ⓥ 4 Ⓢ 3 Ⓢ A



Ⓥ 3 Ⓢ 3 Ⓢ A



Ⓥ 4 Ⓢ 3 Ⓢ A



Ⓥ 3 Ⓢ 3 Ⓢ A



Yellow+Red Eye



Ⓥ 4 Ⓢ 3 Ⓢ A



Ⓥ 3 Ⓢ 3 Ⓢ A



Ⓥ 4 Ⓢ 3 Ⓢ A



## Dahlietta<sup>®</sup> Dahlia

### *Dahlia pinnata*

Dahlietta flowers in as little as 7 weeks for quick turns. More colors, patterns and improvements create a best-in-class, easy-to-grow assortment.

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

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



Dahlietta Blanca

Ⓥ 2 Ⓢ 1



Dahlietta Coby

Ⓥ 2 Ⓢ 1



Dahlietta Emily

Ⓥ 2 Ⓢ 1



Dahlietta Julia

Ⓥ 2 Ⓢ 1



Dahlietta Leanne

Ⓥ 2 Ⓢ 2



Dahlietta Lily

Ⓥ 2 Ⓢ 1



Dahlietta Marissa

Ⓥ 2 Ⓢ 2



Dahlietta Patty

Ⓥ 2 Ⓢ 1



Dahlietta Rachel

Ⓥ 2 Ⓢ 1



Vicky





Dahlietta Terry

Ⓥ 2 Ⓢ 2

## Piccadilly™ Diascia

### *Diascia cultivars*

Extended color range in an early-flowering series. Compact plants have large flowers that make a lovely display on short stems. Offers best performance in cool weather.

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

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

HD



Piccadilly Dark Salmon 19

Ⓥ 3 Ⓢ 1 Ⓢ B



Dahlietta Tessy

Ⓥ 2 Ⓢ 1



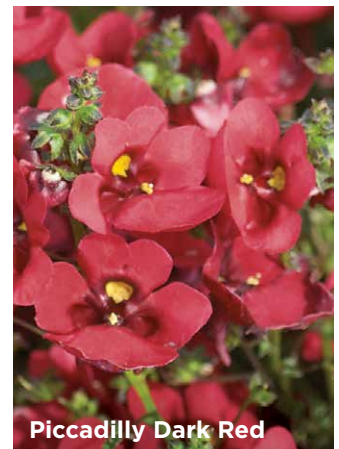
Piccadilly Appleblossom

Ⓥ 3 Ⓢ 1 Ⓢ B



Piccadilly Pink

Ⓥ 3 Ⓢ 1 Ⓢ B



Piccadilly Dark Red

Ⓥ 3 Ⓢ 1 Ⓢ B



Dahlietta Vicky

Ⓥ 2 Ⓢ 1



Piccadilly Denim Blue

Ⓥ 3 Ⓢ 2 Ⓢ B



Piccadilly Dark Orange

Ⓥ 3 Ⓢ 1 Ⓢ B



Piccadilly White

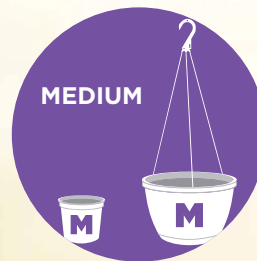
Ⓥ 3 Ⓢ 1 Ⓢ B

# Geranium

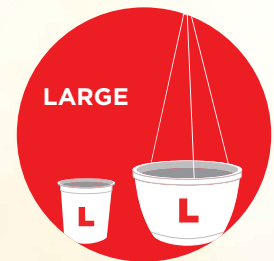
With Selecta One's zonal and ivy geranium series, you'll find an incredible range of bloom and foliage colors to select from, all with the quality and performance that you know you can rely on. Our offering has been developed with leading European genetics from a consistent, reliable production farm in Kenya. Just choose your pot size and color scheme, and get ready for some awesome blooms.



**Moonlight™ Zonal**  
PAGE 50



**Sunrise™ Zonal**  
PAGE 52  
**Marcada™ Interspecific**  
PAGE 54  
**Royal™ Ivy**  
PAGE 56



**New Super Moon  
Red Zonal**  
PAGE 49  
**Glacier White Ivy**  
PAGE 58



**Zonal Geranium**  
Moonlight Lavender

**Marcada Interspecific  
Geranium**  
Magenta



# NEW Super Moon Red Zonal Geranium

## *Pelargonium x hortorum*

This stunning, large-flowered zonal geranium features dark red blooms on a very strong, vigorous plant. It has unique, very dark stems that provide contrast. Heat-tolerant variety is perfect for the landscape.

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



Ⓥ 4 Ⓢ 2 Ⓢ A

Annuals



# Moonlight™ Zonal Geranium

*Pelargonium x hortorum*

This dark foliage, compact and uniform series for the grower is the solution for pot-tight production and bench runs. Early flowering, with three to four large flowers at first flush, it provides a superior display of upright plants at retail. Perfect for quart and gallon programs.

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

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



NO  
PINCH



**Dark Fuchsia**



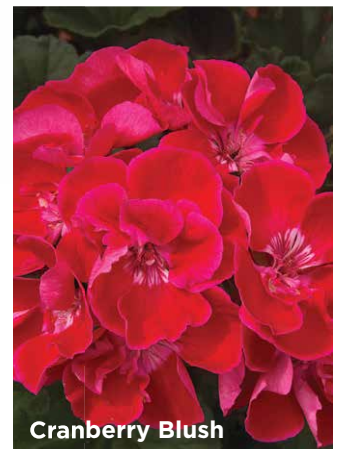
**Dark Fuchsia**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Coral**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Cranberry Blush**

Ⓥ 3 Ⓢ 2 Ⓢ A





**Brilliant Red**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Dark Red**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Lavender**

Ⓥ 2 Ⓢ 3 Ⓢ A



**Light Pink+Eye**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Light Salmon**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Pink**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Pink+Eye**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Raspberry Blush**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Red**

Ⓥ 3 Ⓢ 2 Ⓢ B



**White**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Scarlet Red**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Violet**

Ⓥ 4 Ⓢ 2 Ⓢ A



# Sunrise™ Zonal Geranium

*Pelargonium x hortorum*

Large-flowered, medium-vigor series features early blooming and is great for bench runs! With a super color range and upright habit, Sunrise is perfect for your larger basket and gallon container programs.

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

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

NO  
PINCH

MEDIUM



Orange



Bright Lilac

Ⓥ 2 Ⓢ 2 Ⓢ A



Bright Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Bright Scarlet

Ⓥ 2 Ⓢ 2 Ⓢ A



Fuchsia

Ⓥ 3 Ⓢ 2 Ⓢ B



Pink+Big Eye

Ⓥ 2 Ⓢ 2 Ⓢ B



Lavender+Red Eye

Ⓥ 2 Ⓢ 2 Ⓢ B



Pink+Red Eye

Ⓥ 3 Ⓢ 2 Ⓢ B



Raspberry Eye

Ⓥ 3 Ⓢ 2 Ⓢ B

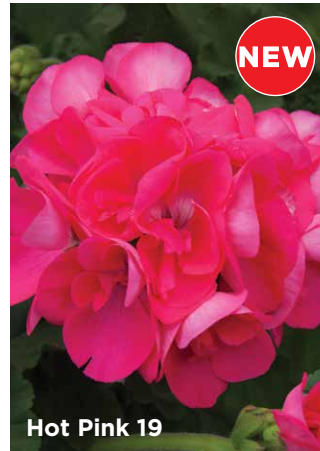




V 3 S 2 B



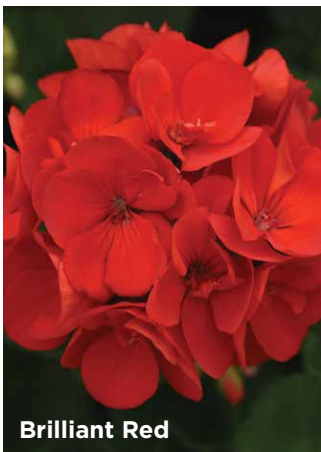
V 3 S 2 B



V 2 S 2 B



V 2 S 2 A



V 1 S 2 B



V 3 S 2 B



V 3 S 2 B



V 3 S 2 B



V 3 S 2 A



V 2 S 2 B



V 4 S 1 B



V 3 S 2 B



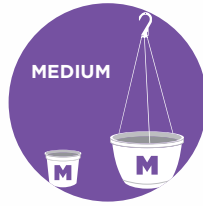
# Marcada™ Interspecific Geranium

## *Pelargonium cultivars*

This strong geranium series offers superior flower retention throughout growth, shipping and on the retail shelf. It thrives in the heat, thrilling home gardeners throughout the Summer season.

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

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



**Magenta**





Ⓥ 4 Ⓢ 1 Ⓢ A



Ⓥ 4 Ⓢ 1 Ⓢ A



Ⓥ 4 Ⓢ 1 Ⓢ A





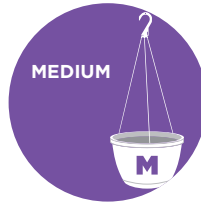
# Royal™ Ivy Geranium

## *Pelargonium peltatum*

Early flowering makes for quick turns, and excellent Oedema resistance results in clean foliage at retail. Medium, well-branched, vigorous plants have semi-trailing habits for terrific baskets.

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

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



Lavender



Blue



Lavender





Brilliant Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Candy Cane®

Ⓥ 2 Ⓢ 2 Ⓢ B



Dark Burgundy

Ⓥ 3 Ⓢ 2 Ⓢ B



Dark Red

Ⓥ 4 Ⓢ 2 Ⓢ B



Amethyst

Ⓥ 3 Ⓢ 2 Ⓢ B



Light Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Purple Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Salmon

Ⓥ 3 Ⓢ 2 Ⓢ B



Scarlet Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Sweet Candy

Ⓥ 3 Ⓢ 2 Ⓢ B



White

Ⓥ 3 Ⓢ 2 Ⓢ B



# Glacier White Ivy Geranium

*Pelargonium peltatum*

Popular Glacier White is back in our lineup! This single-flowered ivy geranium offers 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)



Glacier White

Ⓥ 4 Ⓢ 2 Ⓢ B





## Variegata Glechoma

*Glechoma hederacea*

Creeping Charlie is an attractive, variegated vining perennial. It's an excellent component in mixed containers, but also works well as a ground cover.

**Height:** 4 to 6 in. (10 to 15 cm)  
**Spread:** 10 to 12 in. (25 to 30 cm)  
**USDA Hardiness Zone:** 4b to 9a



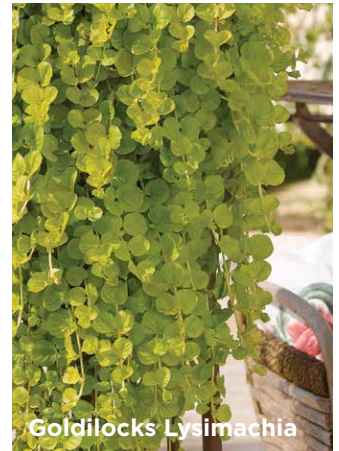
Ⓥ 5 Ⓢ 3 ☼ B

## Goldilocks Lysimachia

*Lysimachia nummularia*

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

**Height:** 2 to 4 in. (5 to 10 cm)  
**Spread:** 12 in. (30 cm)  
**USDA Hardiness Zone:** 3a to 10b



Ⓥ 3 ☼ A

## NEW Silver Threads Helichrysum

*Helichrysum italicum*

Features a nice spread and good branching, making it excellent for combinations. Medium-sized, flat, needle-like foliage has a soft, silvery color. A top choice in helichrysum, with an interesting foliage shape and super garden performance.

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



Ⓥ 3 Ⓢ 3 ☼ A

## Marino™ Heliotrope

*Heliotropium arborescens*

Superbly scented! Selected for easy shipping of unrooted and rooted cuttings, these easy-to-grow varieties have an upright habit.

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



Ⓥ 2 Ⓢ 1 ☼ A



Ⓥ 2 Ⓢ 2 ☼ A

## ImPower™ New Guinea Impatiens

### *Impatiens hawkeri*

This fast-to-finish New Guinea boasts a uniform flower window and large blooms. Everything in the series flowers within a week. This series includes a full range of exciting solids and bicolors. Flower size and timing are the result of a specific culture regime at the production farm. Best for small containers.

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

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



**Dark Red**

Ⓥ 2 Ⓢ 1 Ⓢ B



**Electric Purple**

Ⓥ 3 Ⓢ 1 Ⓢ B



**Red Flame**





Lavender

Ⓥ 2 Ⓢ 1 Ⓜ B



Orange

Ⓥ 3 Ⓢ 1 Ⓜ B



Purple Blue

Ⓥ 3 Ⓢ 1 Ⓜ B



Red Flame

Ⓥ 2 Ⓢ 1 Ⓜ B



Salmon

Ⓥ 3 Ⓢ 1 Ⓜ B



Salmon+Eye

Ⓥ 3 Ⓢ 1 Ⓜ B



Violet

Ⓥ 3 Ⓢ 1 Ⓜ B



White

Ⓥ 2 Ⓢ 1 Ⓜ B



White Pink Eye

Ⓥ 3 Ⓢ 1 Ⓜ B



White Red Flame

Ⓥ 2 Ⓢ 1 Ⓜ B

## ColorPower™ New Guinea Impatiens

### *Impatiens hawkeri*

Count on ColorPower for a great range of colors, including two bright novelties. Outstanding habit and flower presentation, in large pots and baskets with big, vibrant blooms that light up the shade.

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

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

NO  
PINCH



**Bright Orange+Eye**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Cerise Frost**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Fire**

Ⓥ 3 Ⓢ 2 Ⓢ B



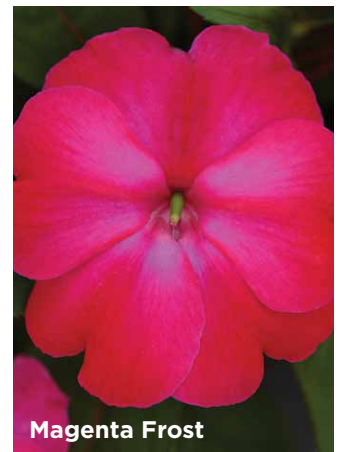
**Lavender Flame**

Ⓥ 3 Ⓢ 3 Ⓢ B



**Light Pink+Eye**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Magenta Frost**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Red Flame**

Ⓥ 3 Ⓢ 3 Ⓢ B



**Rose**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Salmon Pink**

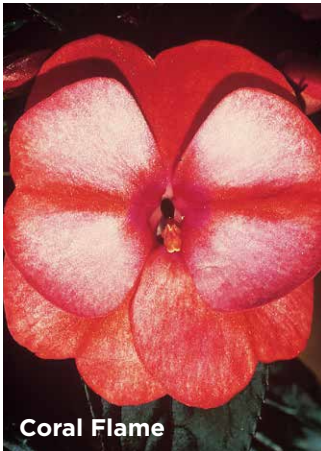
Ⓥ 3 Ⓢ 2 Ⓢ A



**Salmon+Eye**

Ⓥ 2 Ⓢ 2 Ⓢ B





Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 3 Ⓢ B



Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 2 Ⓢ 2 Ⓢ B



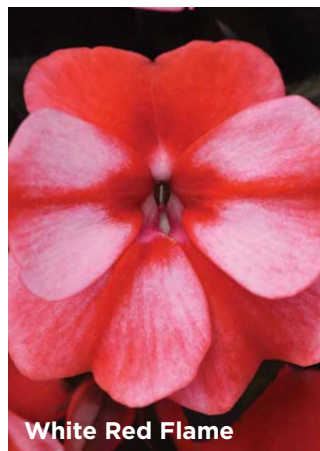
Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B

# Bounce™ Interspecific Impatiens

*Impatiens hawkeri*

Best for the shade, Bounce boasts plenty of color and excellent garden performance. Great branching, low maintenance and fast flowering, Bounce offers proven performance in shade and heat, plus downy mildew resistance.

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

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



Ⓥ 3 Ⓢ 2 Ⓢ A



Ⓥ 3 Ⓢ 2 Ⓢ A



Ⓥ 3 Ⓢ 2 Ⓢ A



Ⓥ 3 Ⓢ 2 Ⓢ A



Ⓥ 3 Ⓢ 2 Ⓢ A

**Bright Coral  
and Violet**



# Big Bounce™ Interspecific Impatiens

*Impatiens hawkeri*

Like Bounce, only bigger!  
Vigorous series is ideal for  
landscape use.

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

**Spread:** 20 to 36 in. (51 to 91 cm)



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



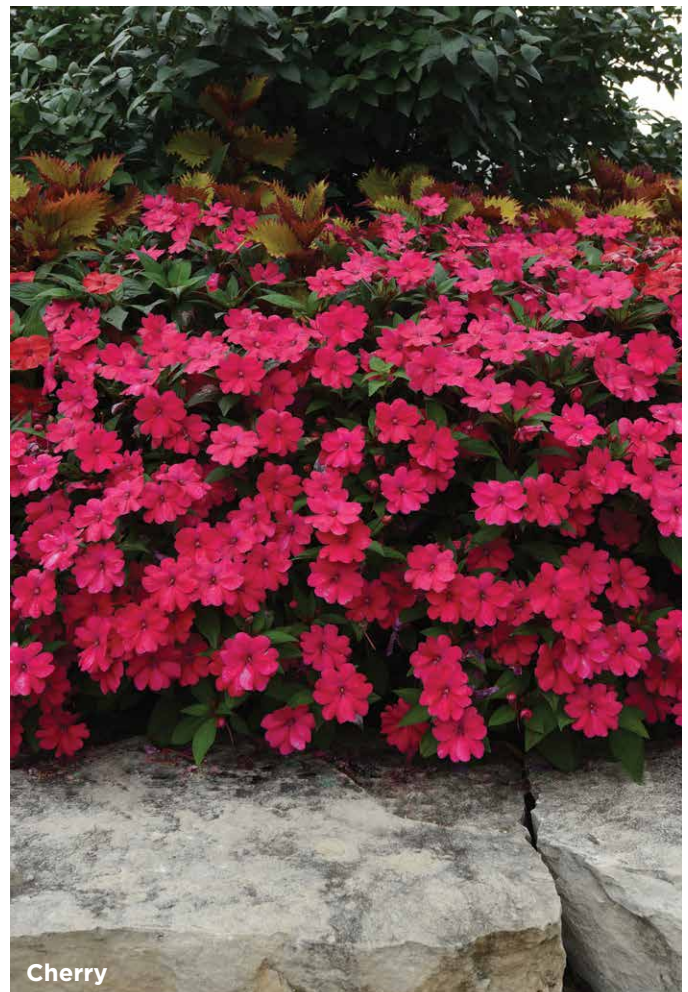
Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



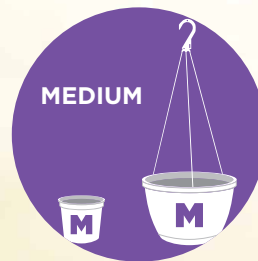
Cherry

# Lobelia

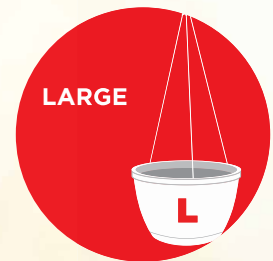
For the best-looking Spring and early Summer arrangements, select an ultra heat-tolerant lobelia like Magadi™, available in a wide variety of habits and colors. Use our handy guide below to choose the best plant and pot for growing at the prime market time.



**Magadi™ Compact**  
PAGE 69



**Magadi™**  
PAGE 68



**Magadi™ Basket**  
PAGE 69



**Magadi Compact**  
Blue





**Magadi Basket**  
White



**Magadi**  
Electric Purple



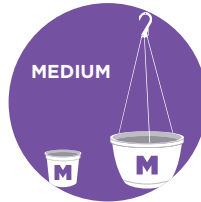
# Magadi™ Lobelia

## Lobelia cultivars

The entire Magadi line is known for its heat tolerance. The nice mounding of Magadi works well in pots or the landscape. Best for 1-gallon and patio pots.

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

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



Blue

Ⓥ 3 Ⓢ 3 Ⓢ A



Dark Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Electric Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Electric Purple

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 2 Ⓢ A



Blue



## Magadi™ Compact Lobelia

### *Lobelia cultivars*

Upright and densely branched, "Compact" lives up to its name. Ideal for quarts and 4.5-in. (11-cm) pots.

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

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

HD

COMPACT



Compact Blue

Ⓥ 2 Ⓢ 2 Ⓢ B



Compact Blue+Eye

Ⓥ 2 Ⓢ 2 Ⓢ B



Compact Dark Blue

Ⓥ 2 Ⓢ 2 Ⓢ A



Compact Purple

Ⓥ 2 Ⓢ 2 Ⓢ B



Compact White

Ⓥ 2 Ⓢ 2 Ⓢ B

## Magadi™ Basket Lobelia

### *Lobelia cultivars*

Vigorous and floriferous varieties feature lovely trailing blooms. Best for 12 to 14-in. (30 to 36-cm) baskets.

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

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

LARGE



Basket Dark Blue

Ⓥ 4 Ⓢ 2 Ⓢ B



Basket Dark Purple 19

Ⓥ 2 Ⓢ 2 Ⓢ B



Basket White

Ⓥ 3 Ⓢ 3 Ⓢ B

## Dundee Mandevilla

### *Mandevilla sanderi*

These very strong plants with vivid, non-fading flowers are available as callused cuttings. With Dundee, growers can produce mandevilla cost-effectively and with different production options, providing top-performing, intensely colored plants.

**Height:** 24 to 48 in. (61 to 122 cm)

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



Pink



Red



Red

## Lara™ Nierembergia

### *Nierembergia caerulea*

Compact, early-blooming Lara makes easy, attractive patio pots.

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

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



Dark Blue



White





## Daisy Falls™ Osteospermum

### *Osteospermum ecklonis*

Perfect for early-Spring baskets! Daisy Falls is a breakthrough series that grows and blooms with traditional osteospermum on a more vigorous trailing frame. Ideally suited for combos as well as single-variety applications. Continues to perform longer into the season. Will tolerate inclement early-Spring conditions with excellent shippability and shelf life at retail.

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

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



Pink

Ⓥ 4 Ⓢ 2 Ⓢ A



Purple

Ⓥ 4 Ⓢ 2 Ⓢ A



### **Trixi Daisy Falls**

featuring Daisy Falls Pink, Purple and White Amethyst Osteospermum. See page 6 for Trixi mixes.



White Amethyst

Ⓥ 4 Ⓢ 2 Ⓢ A



## 4D™ Osteospermum

### *Osteospermum hybrid*

The next dimension in double osteos! 4D stays open 24/7 like its predecessor 3D, with improved branching for masses of blooms and better series uniformity. You can easily grow 4D right alongside your other osteos for an early-season lineup that's sure to be successful.

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

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



**Berry White**



**Berry White**



**Dark Violet+White**



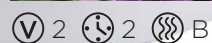
**Lemon Ice**



**Pink**



**Purple**



**Silver**



**Sunburst**



**Violet Ice**





## Zion™ Osteospermum

### *Osteospermum ecklonis*

Inspired by the colors of Zion National Park in Utah, this series features distinctive, novel colors. Large flowers on plants with excellent branching and full, mounded habits have great consumer appeal. Now available as callused cuttings.

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

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



Apricot Pink

Ⓥ 3 Ⓢ 3 Ⓢ C



Blue Denim

Ⓥ 2 Ⓢ 2 Ⓢ B



Copper Amethyst

Ⓥ 3 Ⓢ 1 Ⓢ C



Magic Orange

Ⓥ 3 Ⓢ 2 Ⓢ B



Pure Yellow

Ⓥ 3 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 3 Ⓢ C



Shadow Yellow

Ⓥ 3 Ⓢ 3 Ⓢ C



Pure Yellow

Annuals



## FlowerPower™ Osteospermum

### *Osteospermum ecklonis*

FlowerPower has been well-tested for cool growing and low-energy production, with no cold treatment required for flower development. This #1 series in Europe wows the North American market with its excellent branching, upright habit and brilliant colors. Now available as callused cuttings.

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

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



Pink

✓ 3 ⚙ 2 ⚙ B



Pink+Eye

✓ 3 ⚙ 2 ⚙ B



Pink+Eye



Purple Red

✓ 4 ⚙ 2 ⚙ C



White

✓ 2 ⚙ 2 ⚙ B



## FlowerPower™ Spider Osteospermum

*Osteospermum ecklonis*

These unique and attractive flower shapes fit perfectly with the FlowerPower series. Nice upright habit. Now available as callused cuttings.

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

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



Spider Pink  
V 2 S 1 W B



Spider Purple  
V 3 S 2 W B



Spider White  
V 2 S 1 W B

Annuals

## FlowerPower™ Compact Osteospermum

*Osteospermum ecklonis*

Uniform, early-flowering series has a more mounded habit that's great for high-density production and baskets. Now available as callused cuttings.

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

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

HD



Compact White  
V 2 S 1 W C



Compact Yellow  
V 2 S 2 W C



Compact Light Pink  
V 2 S 1 W B



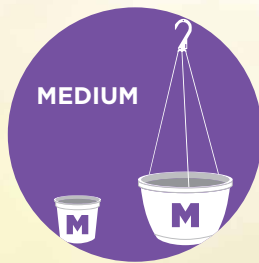
Compact Purple  
V 2 S 1 W B

# Petunia

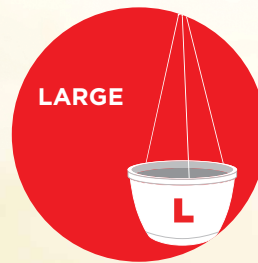
We continue to expand our petunia collection with more key colors and attractive habits. This includes our popular sky and swirl types. The white-splashed sky varieties are a retail favorite, especially in hanging baskets. Our newest swirl type has improved habit, color saturation and star pattern.



**Starlet™**  
PAGE 78



**Headliner™**  
PAGE 80



**Main Stage™**  
PAGE 84



**SweetSunshine™**  
PAGE 83



**Main Stage**  
Pink





**Headliner**  
Night Sky<sup>®</sup>



**Headliner**  
Banana Cherry Swirl



**Starlet**  
Salmon  
Red Vein



# Starlet™ Petunia

## *Petunia cultivars*

As grower-friendly as it gets! Compact and controlled, with well-matched timing, vigor and habit. Early to flower and fast to finish, this one's at home in small pots, baskets and combos.

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

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



Blue



Burgundy



Salmon Red Vein





Carmine Star

Ⓥ 2 Ⓢ 2 Ⓜ B



Dark Pink

Ⓥ 2 Ⓢ 2 Ⓜ B



Lavender Star 19

Ⓥ 3 Ⓢ 2 Ⓜ B



Magenta

Ⓥ 2 Ⓢ 2 Ⓜ B



Magenta Star

Ⓥ 3 Ⓢ 1 Ⓜ B



Pink Lemonade

Ⓥ 2 Ⓢ 2 Ⓜ B



Pinot Red

Ⓥ 1 Ⓢ 1 Ⓜ B



Purple Star

Ⓥ 1 Ⓢ 1 Ⓜ B



Salmon Red Vein

Ⓥ 2 Ⓢ 2 Ⓜ B



Velvet

Ⓥ 1 Ⓢ 2 Ⓜ B



White

Ⓥ 2 Ⓢ 1 Ⓜ B



Yellow

Ⓥ 2 Ⓢ 2 Ⓜ B



# Headliner™ Petunia

## *Petunia cultivars*

Headliner is quickly becoming growers' first choice. This mounded petunia boasts early flowering for a fast finish and a dramatic color range. The result: eye-catching finished baskets and pots with large blooms!

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

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







Lipstick

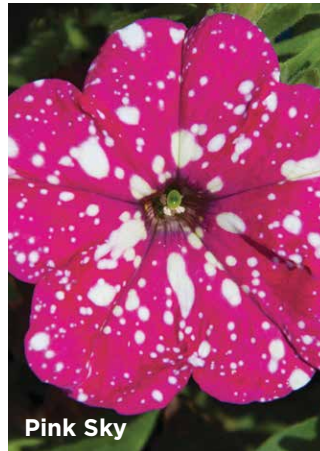


Pink Sky



Night Sky®

Ⓥ 4 Ⓢ 2 Ⓢ B



Pink Sky

Ⓥ 2 Ⓢ 2 Ⓢ B



NEW

Starry Sky Burgundy

Ⓥ 2 Ⓢ 2 Ⓢ B



Banana Cherry Swirl

Ⓥ 3 Ⓢ 2 Ⓢ B



Blueberry Swirl

Ⓥ 3 Ⓢ 2 Ⓢ B



NEW

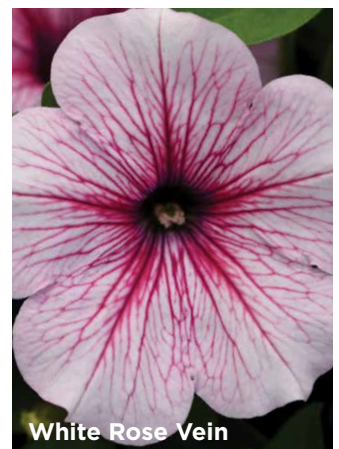
Raspberry Swirl 19

Ⓥ 3 Ⓢ 2 Ⓢ B



Pink Vein

Ⓥ 3 Ⓢ 2 Ⓢ B



White Rose Vein

Ⓥ 3 Ⓢ 2 Ⓢ B

Headliner™ continues on page 82



## Headliner™ Petunia *Continued*



**Pink Star**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Raspberry Star**

Ⓥ 3 Ⓢ 3 Ⓢ B



**Red Star**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Rose Star**

Ⓥ 4 Ⓢ 2 Ⓢ A



**Dark Violet Picotee**

Ⓥ 3 Ⓢ 3 Ⓢ B



**Blue**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Electric Purple**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Lipstick**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Red**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Sky Blue**

Ⓥ 3 Ⓢ 3 Ⓢ B



**White**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Yellow**

Ⓥ 3 Ⓢ 2 Ⓢ B



# SweetSunshine™ Petunia

## *Petunia cultivars*

Durable, fully double blooms stand up to tough weather. Well-branched, medium-vigor plants have a semi-trailing habit that looks great in hanging baskets. Series offers a range of unique colors in this popular flower form.

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

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



**Burgundy**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Honeydew**

Ⓥ 2 Ⓢ 2 Ⓢ B

Annuals



**Light Pink**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Magenta**

Ⓥ 3 Ⓢ 2 Ⓢ A



**Provence**

Ⓥ 2 Ⓢ 2 Ⓢ B



**Purple Picotee**

Ⓥ 4 Ⓢ 3 Ⓢ B



**Light Pink**

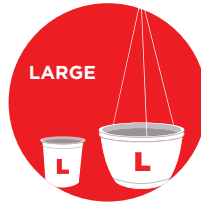
# Main Stage™ Petunia

## *Petunia cultivars*

Our most vigorous petunia line! The eye-catching colors in the Main Stage series will boost retail sales and attract customers to endcaps of trailing, full hanging baskets. Perfect for balconies.

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

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



**Violet**





Blueberry

Ⓥ 4 Ⓢ 2 Ⓢ A



Hot Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



Light Blue

Ⓥ 4 Ⓢ 3 Ⓢ A



Pink

Ⓥ 4 Ⓢ 2 Ⓢ A



Violet

Ⓥ 4 Ⓢ 2 Ⓢ A



Purple

Ⓥ 5 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Pink Vein

Ⓥ 4 Ⓢ 1 Ⓢ A



Violet Picotee

Ⓥ 5 Ⓢ 2 Ⓢ A



White

Ⓥ 4 Ⓢ 3 Ⓢ A

# Gisele™ Phlox

## *Phlox cultivars*

Bred for reliable rooting, heat tolerance and large, attractive flower clusters, Gisele has been trialed all over North America. It's a top performer, favored by growers, retailers and consumers. Cuttings root fast and easy; well-developed roots make stronger plants that keep on growing. Great in gardens, continuously producing colorful blooms.

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

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



Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



Pink





Light Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



Light Violet

Ⓥ 3 Ⓢ 2 Ⓢ A



Hot Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 2 Ⓢ A

Annuals



Hot Pink



## Fairy™ Scaevola

### *Scaevola aemula*

Well-branched, trailing plants have outstanding outdoor performance.

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

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



Fairy Blue Scaevola

Ⓥ 3 Ⓢ 3 Ⓢ A



Fairy Pink Scaevola

Ⓥ 4 Ⓢ 3 Ⓢ A



Fairy White Scaevola

Ⓥ 4 Ⓢ 3 Ⓢ A



**Trixi Fairy**  
featuring  
Fairy Blue, Pink and  
White Scaevola.  
See page 17 for  
more Trixi mixes.



## PortoGrande™ Portulaca

*Portulaca oleracea*

These vibrant, large blooms thrive in hot and arid conditions. Use these plants with full trailing habits in landscapes, baskets and mixed containers.

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

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



PortoGrande Magenta

Ⓥ 4 Ⓢ 3 Ⓢ A



PortoGrande Orange

Ⓥ 3 Ⓢ 2 Ⓢ A



PortoGrande Raspberry Lemonade

Ⓥ 3 Ⓢ 2 Ⓢ A



PortoGrande Scarlet

Ⓥ 3 Ⓢ 2 Ⓢ A



PortoGrande White

Ⓥ 4 Ⓢ 3 Ⓢ A



PortoGrande Yellow

Ⓥ 3 Ⓢ 2 Ⓢ A

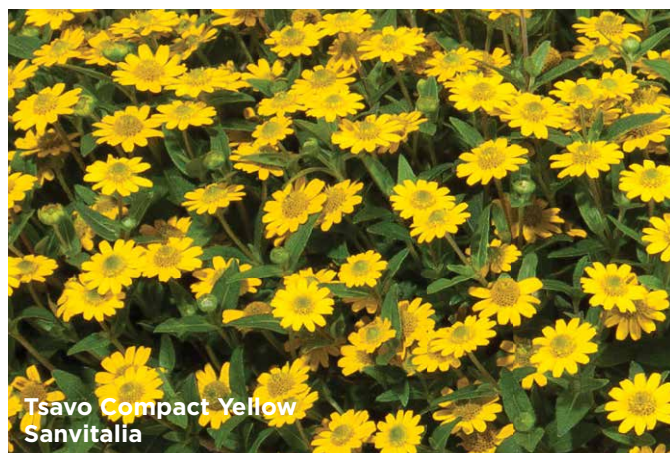
## Tsavo™ Sanvitalia

*Sanvitalia procumbens*

Early-season, bright color is offset by dark foliage. Tidy, mounded habit works beautifully in small pots. Compact Yellow features an intense yellow color.

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

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



Tsavo Compact Yellow Sanvitalia

Ⓥ 2 Ⓢ 2 Ⓢ B

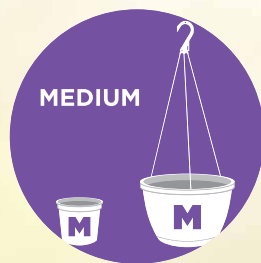


# Verbena

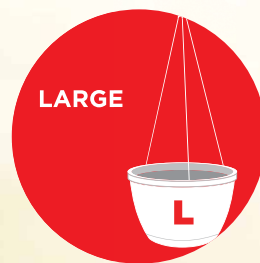
Selecta One has something for everyone, with four verbena series with a range of bold colors and excellent flowering performance all Summer long. From basket favorites to landscape lovers, we provide the simplest solution: just choose your pot size and start growing.



**Pops™**  
PAGE 91



**Lascar™**  
PAGE 92



**Blues™**  
PAGE 93



**BeBop™**  
PAGE 94



**Lascar**  
Dark Violet, Burgundy  
and Magenta

**Pops**  
Pink+Eye

**Blues**  
Lavender+Eye,  
Light Pink+Eye and Neon



# Pops™ Verbena

## Verbena cultivars

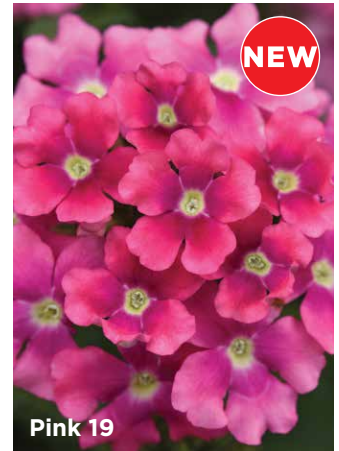
With its compact habit, Pops is tops for pot-tight production and holds well at retail. Pops mounds and spreads in the landscape better than comparable types - resists powdery mildew, too.

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

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



Dark Red



Pink 19



Annuals



Pink+Eye



Pink+Red Eye



Salmon+Red Eye



White



Salmon+Red Eye



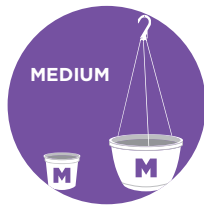
# Lascar™ Verbena

## *Verbena cultivars*

Excellent color range in a uniform, reliable series. Early-flowering with a mounded habit and medium vigor, Lascar varieties have full centers and make fantastic mixed containers, pots, gallons or mono baskets.

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

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



**Black Velvet**  
V 3 S 2 W A



**Burgundy**  
V 2 S 2 W A



**Dark Red**  
V 2 S 2 W A



**Dark Violet**  
V 3 S 2 W A



**Hot Rose**  
V 2 S 3 W B



**Mango Orange**  
V 3 S 2 W A



**Pink**  
V 2 S 2 W A



**Red**  
V 3 S 2 W A



**Red Rose**  
V 3 S 2 W A



**Salmon**  
V 2 S 2 W A



**White**  
V 2 S 3 W B



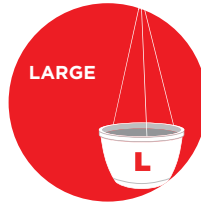
# Blues™ Verbena

## *Verbena cultivars*

With its medium vigor, semi-upright habit and excellent branching, Blues is perfect for mixed containers. Big flowers go straight to the top without overpowering other combo components. Great powdery mildew resistance, too.

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

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



Lavender+Eye

Ⓥ 2 Ⓢ 1 Ⓜ A



Light Pink+Eye

Ⓥ 3 Ⓢ 2 Ⓜ A



Magenta+Eye

Ⓥ 3 Ⓢ 2 Ⓜ A



Neon

Ⓥ 2 Ⓢ 1 Ⓜ A



Purple+Eye

Ⓥ 3 Ⓢ 2 Ⓜ A



Red

Ⓥ 3 Ⓢ 2 Ⓜ A



Rose+Eye

Ⓥ 3 Ⓢ 2 Ⓜ A



Violet+Eye

Ⓥ 3 Ⓢ 2 Ⓜ A



White

Ⓥ 3 Ⓢ 2 Ⓜ A

Annuals



# BeBop™ Verbena

## *Verbena cultivars*

Bright, exciting flower patterns and colors on semi-upright plants. Great branching and center fill show beautifully in medium mono pots or baskets. Delivers superior season-long color and performance.

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

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



MEDIUM  
POT & BASKET



Lavender

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink





# Dianthus

Look to Selecta One for the best varieties of dianthus to impress our customers. Our offerings range from colorful pot carnations that create excitement at retail to hardy perennial varieties that add texture, color and beauty to landscapes. We have a dianthus to meet every growing and seasonal need. Just pick the pot size for your next bestsellers! Check our website, [SelectaNorthAmerica.com](http://SelectaNorthAmerica.com), for culture and scheduling information.

POT  
CARNATION

COMPACT



**Pink Kisses™**

PAGE 98

**Oscar®**

PAGE 99

MEDIUM



**SuperTrouper™**

PAGE 100



**Pink Kisses  
Pot Carnation**  
Pink Kisses

**Oscar  
Pot Carnation**  
Cherry+Velvet

**SuperTrouper  
Pot Carnation**  
Magenta+White



HARDY  
DIANTHUS

MEDIUM



**EverLast™ (Upright)**  
**Dianthus**  
PAGE 102

**Dianthalot™ (Spreading)**  
**Dianthus**  
PAGE 103



**Dianthalot Dianthus**  
Dark Red+Star

**Everlast Dianthus**  
Dark Pink



# Pink Kisses™ Dianthus

## *Dianthus cultivars*

"Grab and go" gift item gets the growing season off to a strong start, with tons of two-tone flowers that need no deadheading and keep looking great.

Early-season pot crop is easy to grow and easier to sell.

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

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

**USDA Hardiness Zone:** 5a

COMPACT



Pink Kisses

✓ 2 ⌚ 2 ☁ B



Pink Kisses



# Oscar<sup>®</sup> Dianthus

## *Dianthus caryophyllus*

This hyper-uniform pot carnation series boasts the best-branched habit on the market.

Compact, double-bloomed Oscar puts on a strong, long-lasting show in small pots and in the garden.

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

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

**USDA Hardiness Zone:** 6a

COMPACT



Cherry+Velvet

Ⓥ 2 Ⓢ 2 Ⓢ B



Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ B



Pink

Ⓥ 2 Ⓢ 2 Ⓢ B



Pink+Purple

Ⓥ 2 Ⓢ 2 Ⓢ B



Purple Star

Ⓥ 2 Ⓢ 2 Ⓢ B



Salmon

Ⓥ 2 Ⓢ 2 Ⓢ B



Salmon+White

Ⓥ 2 Ⓢ 2 Ⓢ B



Scarlet

Ⓥ 2 Ⓢ 2 Ⓢ B



Cherry+Velvet

Perennials



# SuperTrouper™ Dianthus

## *Dianthus caryophyllus*

A strong performer in pots and gardens, SuperTrouper has an upright habit, excellent color range and a wonderful fragrance.

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

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

**USDA Hardiness Zone:** 6a

MEDIUM



Butterfly Dark Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Orange

Purple





**Lavender+White**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Lilac On Purple**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Magenta+White**

Ⓥ 4 Ⓢ 2 Ⓢ B



**Orange**

Ⓥ 3 Ⓢ 3 Ⓢ B



**Pink+White**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Purple**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Red+White**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Scarlet**

Ⓥ 3 Ⓢ 3 Ⓢ B



**Silver Pink**

Ⓥ 4 Ⓢ 2 Ⓢ B



**Velvet Red**

Ⓥ 3 Ⓢ 2 Ⓢ B



**Velvet+White**

Ⓥ 3 Ⓢ 2 Ⓢ B



**White**

Ⓥ 3 Ⓢ 2 Ⓢ B

Perennials



# EverLast™ (Upright) Dianthus

## *Dianthus interspecific*

EverLast offers an attractive upright habit and the most extensive color range in perennial dianthus. It blooms in early Spring and provides more days of brilliant, intoxicating color than any other perennial dianthus. A favorite of perennial gardeners, EverLast is tough as nails, with excellent performance in the roughest weather.

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

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

**USDA Hardiness Zone:** 5a



Orchid



Lavender+Eye



Burgundy Blush



Dark Pink

Ⓥ 3 Ⓢ 3 Ⓢ B

Ⓥ 3 Ⓢ 1 Ⓢ B



Light Pink+Eye



Lilac+Eye

Ⓥ 3 Ⓢ 2 Ⓢ B

Ⓥ 2 Ⓢ 2 Ⓢ B



Orchid



Raspberry Cream



Red+Pink



White+Eye

Ⓥ 3 Ⓢ 2 Ⓢ B

Ⓥ 3 Ⓢ 2 Ⓢ B

Ⓥ 3 Ⓢ 2 Ⓢ B

Ⓥ 2 Ⓢ 2 Ⓢ B



# Dianthalot™ (Spreading) Dianthus

## *Dianthus cultivars*

Dianthalot is a super-tough spreading series that blooms in Spring.

Its spreading habit blooms continuously all Summer long and overwinters.

No vernalization is required. Dianthalot is an excellent fast crop perennial for Spring planting and is great for large pots.

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

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

**USDA Hardiness Zone:** 5a



Dark Red+Star



Pink+Star



Pink+Star

Perennials

## Lido™ Delosperma

### *Delosperma cultivars*

Colorful addition to your succulent program in a drought-tolerant flowering plant! This cost-effective, impressive flowering perennial has lower watering needs, and its bright, colorful blooms will grab attention from home gardeners at retail, increasing sell-through.

**Height:** 4 to 6 in. (10 to 15 cm)  
**Spread:** 16 to 24 in. (41 to 61 cm)  
**USDA Hardiness Zone:** 5b



## Belleza® Gaura

### *Gaura lindheimeri*

Excellent branching with short flower stems. Belleza has an upright habit, with the exception of mounding Compact Light Pink. Great companion plant.

**Height:** 12 to 18 in. (30 to 46 cm)  
**Spread:** 16 to 20 in. (41 to 51 cm)  
**Hardiness Zone:** 6a



Magenta

Ⓥ 2 Ⓢ 2 Ⓢ A



Orange+Eye

Ⓥ 2 Ⓢ 2 Ⓢ A



Compact Light Pink

Ⓥ 2 Ⓢ 1 Ⓢ B



Dark Pink

Ⓥ 4 Ⓢ 2 Ⓢ A



Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink

Ⓥ 4 Ⓢ 2 Ⓢ A



White

Ⓥ 3 Ⓢ 2 Ⓢ A



## LaVela™ Lavender

### *Lavandula stoechas*

Sturdy plants with excellent branching flower earlier than most *L. stoechas* for early-season sales. Strong, vivid colors make a beautiful presentation.

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

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

**Hardiness Zone:** 7a



Compact Dark Pink

Ⓥ 2 Ⓢ 2 Ⓢ B



Compact Dark Violet

Ⓥ 2 Ⓢ 2 Ⓢ B



Dark Violet



Compact White

Ⓥ 3 Ⓢ 1 Ⓢ B



Dark Violet

Ⓥ 3 Ⓢ 2 Ⓢ B

## Sweet Dreams Lavender

### *Lavandula angustifolia*

Sweet Dreams Lavender offers strong growing with low to no vernalization required. These strong, well-branched plants have deeper blue flowers, superior fragrance and better Summer performance compared to other English Lavender.

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

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

**USDA Hardiness Zone:** 5a



Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Lavender

Ⓥ 4 Ⓢ 2 Ⓢ A

**NEW** Skyscraper™ Salvia

**Salvia cultivars**

This tender perennial extends your shipping and selling season! This season extender is great for late-Spring to Fall sales. It features large blooms that last longer and better branching than seed salvia, as well as a nice medium-vigor, rounded habit. Sturdy stems are ideal for shipping and for hold at retail.

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

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

**USDA Hardiness Zone:** 7b



Dark Purple

Ⓥ 4 Ⓢ 1 Ⓜ A



Orange

Ⓥ 4 Ⓢ 1 Ⓜ A



Pink

Ⓥ 4 Ⓢ 1 Ⓜ A



Orange





# Herbs

Selecta One now offers a fine collection of vegetative herbs with a tried-and-true supply chain. These herbs work great for borders and add interest and flavor to recipes.



**Lemon Verbena**

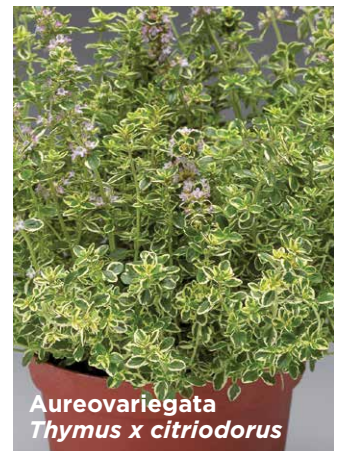




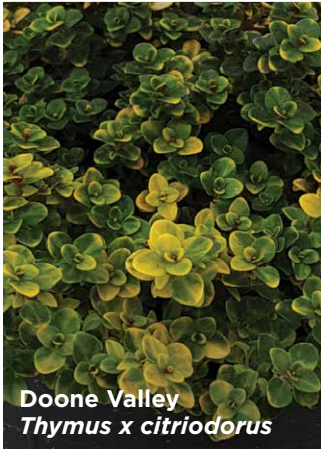
Herbs continues on page 110



## Herbs *Continued*







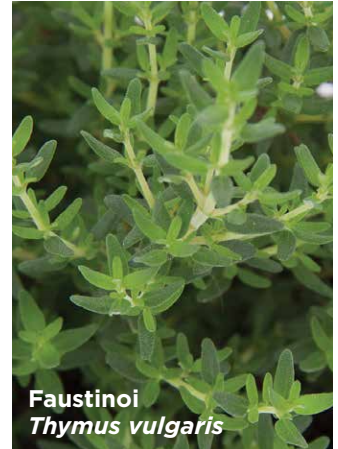
**Doone Valley**  
*Thymus x citriodorus*



**Silver Queen**  
*Thymus x citriodorus*



**Spanish**  
*Thymus x citriodorus*



**Faustinoi**  
*Thymus vulgaris*



**Kitchen Herb Garden**

## Product Information

### Product Forms

Selecta One offers you a range of different product forms including unrooted cuttings and TrixiLiners. Groundbreaking products like our overwhelmingly successful Trixi program make Selecta One's product offering the most innovative in the industry. We develop programs with you in mind, and together we are Creating the Future™.



#### Unrooted cuttings

All Selecta One varieties are available as URC.

- Variety minimum/multiples of 100
- Order minimum is 2,000
- Available exclusively through Ball Seed
- Also available in AutoStix Strip



#### 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/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®

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 3 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. Every program variety is subject to the same testing annually. Our Selecta One Clean Stock program follows strict, internationally recognized protocols, and is based on 54 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.



Selecta One production center in Uganda.



### SelectaNorthAmerica.com

#### "How-to-grow" info at your fingertips

You have easy 24/7 online access to detailed culture for every Selecta variety, including a handy printer-friendly version.



## Discontinued Selecta One Varieties for 2019

VARIETY	RECOMMENDED REPLACEMENT
Angelonia Angelina Dark Purple	None
Angelonia Angelina Pink	None
Angelonia Angelina White	None
Argyranthemum Madeira Deep Pink	Argyranthemum LaRita Hot Pink
Argyranthemum Madeira Primrose	Argyranthemum LaRita Yellow
Argyranthemum Madeira Red	Argyranthemum LaRita Red
Argyranthemum Madeira White	Argyranthemum LaRita White
Argyranthemum Butterfly	Argyranthemum Alessia
Begonia Bonfire Orange	Begonia Mistral Orange
Begonia Mistral Red	Begonia Mistral Dark Red
Begonia California Sunlight	Begonia Mistral Orange
Bidens Namid Compact Double Yellow	Bidens Namid Compact Yellow
Bracteantha Mohave White	Bracteantha Mohave White 19
Calibrachoa MiniFamous Compact Dark Red	Calibrachoa MiniFamous Uno Red
Calibrachoa MiniFamous Compact Hot Pink	Calibrachoa MiniFamous Uno Pink
Calibrachoa MiniFamous Compact Pink	Calibrachoa MiniFamous Uno Pink
Calibrachoa MiniFamous Compact Purple	Calibrachoa MiniFamous Uno Blue
Calibrachoa MiniFamous Compact Red	Calibrachoa MiniFamous Uno Red
Calibrachoa MiniFamous Compact Safran	Calibrachoa MiniFamous Uno Yellow
Calibrachoa MiniFamous Compact Salmon+Red Eye	Calibrachoa MiniFamous Uno Apricot Star
Calibrachoa MiniFamous Compact White	Calibrachoa MiniFamous Uno White
Calibrachoa MiniFamous Neo Apricot+Red Eye	Calibrachoa MiniFamous Neo Apricot Strike
Calibrachoa MiniFamous Neo Cherry Red	Calibrachoa MiniFamous Neo Vampire
Calibrachoa MiniFamous Neo Lavender Blue	Calibrachoa MiniFamous Neo Light Blue
Dahlia Dalaya Burgundy	Dahlia Dalaya Red
Dahlia Dalaya Magenta+Purple	Dahlia Dalaya Pink+Rose Eye
Delosperma Lido Hot Pink	Delosperma Lido Pink
Diascia Piccadilly Dark Salmon	Diascia Piccadilly Dark Salmon 19
Impatiens Interspecific Big Bounce Violet	Impatiens Interspecific Big Bounce Lavender
Impatiens New Guinea Color Power Appleblossom	Impatiens New Guinea ColorPower Lavender Flame
Impatiens New Guinea Color Power Orange	Impatiens New Guinea ColorPower Orange Flame
Lavender Calm Breeze	None
Lobelia Magadi Basket Dark Purple	Lobelia Magadi Basket Dark Purple 19
Lobelia Magadi Compact Lavender	Lobelia Magadi Compact Purple

VARIETY	RECOMMENDED REPLACEMENT
Lobelia Magadi Indigo Blue	Lobelia Magadi Blue
Osteospermum FlowerPower Compact Silver Purple	Osteospermum FlowerPower Compact Purple
Osteospermum FlowerPower Dark Purple	Osteospermum FlowerPower Purple Red
Osteospermum FlowerPower Lavender+Eye	Osteospermum FlowerPower Pink+Eye
Osteospermum FlowerPower Lavender Pink	Osteospermum FlowerPower Pink
Osteospermum FlowerPower Violet	Osteospermum FlowerPower Pink
Osteospermum Zion Lavender+Purple Eye	Osteospermum FlowerPower Pink+Eye
Petunia Headliner Electric Orange	Petunia Headliner Red
Petunia Headliner Lemon	Petunia Headliner Yellow
Petunia Headliner Raspberry Swirl	Petunia Headliner Raspberry Swirl 19
Petunia Starlet Lavender Star	Petunia Starlet Lavender Star 19
Petunia Starlet Light Blue	Petunia Starlet Lavender Star 19
Petunia Starlet Orange	Petunia Starlet Salmon Red Vein
Petunia Starlet Red	Petunia Headliner Red
Petunia Starlet Salmon 18	Petunia Starlet Salmon Red Vein
Petunia SweetSunshine Hot Pink	Petunia SweetSunshine Magenta
Petunia SweetSunshine Red	Petunia SweetSunshine Burgundy
Petunia SweetSunshine Violet Vein	Petunia SweetSunshine Provence
Verbena Blues Dark Violet	Verbena Blues Violet+Eye
Verbena Lascar Dark Blue	Verbena Lascar Dark Violet
Verbena Lascar Dark Pink	Verbena Lascar Burgundy
Verbena Lascar Magenta	Verbena Lascar Hot Rose
Verbena Pops Pink	Verbena Pops Pink 19
Trixi Big Falls	Trixi Daisy Falls
Trixi Blueberry Parfait	Trixi Blueberry Parfait 19
Trixi Blues	Trixi Soul
Trixi Breakdance	Trixi LaBomba
Trixi Cherry Kiss	Trixi Cherry Kiss 19
Trixi Fashion	Trixi Daisy Falls
Trixi Jam Session	Trixi Jam Session 19
Trixi Nightfall	Trixi Nightfall 19
Trixi Old Glory 18	Trixi Old Glory 19
Trixi Perfect Storm	Trixi Cherry Kiss 19
Trixi Purple with a Purpose	Trixi Purple with a Purpose 19
Trixi Royal Castle	Trixi Soul
Trixi Starlight Starbright	Trixi Starlight Starbright 19

## Renamed Selecta One Varieties for 2019

VARIETY	NEW NAME
Bacopa Big Falls Summer Blue	Bacopa Big Falls Blue
Begonia Fiery Orange	Begonia Mistral Double Orange
Calibrachoa MiniFamous Compact Blue	Calibrachoa MiniFamous Neo Blue
Calibrachoa MiniFamous Double Amethyst	Calibrachoa MiniFamous Neo Double Amethyst
Calibrachoa MiniFamous Double Apricot	Calibrachoa MiniFamous Standard Double Apricot
Calibrachoa MiniFamous Double Blue	Calibrachoa MiniFamous Neo Double Blue
Calibrachoa MiniFamous Double Deep Yellow	Calibrachoa MiniFamous Standard Double Deep Yellow
Calibrachoa MiniFamous Double Lemon	Calibrachoa MiniFamous Neo Double Lemon
Calibrachoa MiniFamous Double Magenta	Calibrachoa MiniFamous Standard Double Magenta
Calibrachoa MiniFamous Double Pink	Calibrachoa MiniFamous Neo Double Pink
Calibrachoa MiniFamous Double Pink Vein	Calibrachoa MiniFamous Standard Double Pink Vein
Calibrachoa MiniFamous Double Purple	Calibrachoa MiniFamous Neo Double Purple
Calibrachoa MiniFamous Double Silver Blue	Calibrachoa MiniFamous Neo Double Silver Blue
Calibrachoa MiniFamous Double Compact Chiffon	Calibrachoa MiniFamous Uno Double Chiffon
Calibrachoa MiniFamous Double Compact Close Up	Calibrachoa MiniFamous Uno Double Close Up
Calibrachoa MiniFamous Double Compact Lemon	Calibrachoa MiniFamous Uno Double Lemon
Calibrachoa MiniFamous Double Compact Pink	Calibrachoa MiniFamous Uno Double Light Pink
Calibrachoa MiniFamous Double Compact Red	Calibrachoa MiniFamous Uno Double Red
Calibrachoa MiniFamous Double Compact Rose Chai	Calibrachoa MiniFamous Uno Double Rose Chai
Calibrachoa MiniFamous Double Compact White	Calibrachoa MiniFamous Uno Double White
Calibrachoa MiniFamous Light Pink+Eye	Calibrachoa MiniFamous Neo Light Pink+Eye
Calibrachoa MiniFamous Orange	Calibrachoa MiniFamous Standard Orange
Calibrachoa StarShine Apricot	Calibrachoa MiniFamous Uno Apricot Star
Calibrachoa StarShine Cherry	Calibrachoa MiniFamous Uno Raspberry Star
Calibrachoa StarShine Pink	Calibrachoa MiniFamous Uno Pink Star
Calibrachoa StarShine Violet	Calibrachoa MiniFamous Uno Violet Star

SelectaNorthAmerica.com or 800 879-2255



# Important Plant Protection & Licensing Information

## COMMERCIAL NAME VARIETY NAME

**Petunia (continued)**  
 Starlet™ Dark Pink  
 Starlet™ Lavender Star 19  
 Starlet™ Magenta  
 Starlet™ Magenta Star  
 Starlet™ Pink Lemonade  
 Starlet™ Pinot Red  
 Starlet™ Purple Star  
 Starlet™ Salmon Red Vein  
 Starlet™ Velvet  
 Starlet™ White  
 Starlet™ Yellow  
 SweetSunshine™ Burgundy  
 SweetSunshine™ Honeydew  
 SweetSunshine™ Light Pink  
 SweetSunshine™ Magenta  
 SweetSunshine™ Provence  
 SweetSunshine™ Purple Picotee

**Phlox**  
 Gisele™ Hot Pink  
 Gisele™ Light Pink  
 Gisele™ Light Violet  
 Gisele™ Pink  
 Gisele™ White

**Portulaca**  
 PortoGrande™ Magenta  
 PortoGrande™ Orange  
 PortoGrande™  
 Raspberry Lemonade  
 PortoGrande™ Scarlet  
 PortoGrande™ White  
 PortoGrande™ Yellow

**Salvia**  
 Skyscraper™ Dark Purple  
 Skyscraper™ Orange  
 Skyscraper™ Pink

**Sanvitalia**  
 Tsavo™ Compact Yellow

**Scaevola**  
 Fairy™ Blue  
 Fairy™ Pink  
 Fairy™ White

**Verbena**  
 BeBop™ Lavender  
 BeBop™ Pink  
 Blues™ Lavender+Eye  
 Blues™ Light Pink+Eye  
 Blues™ Magenta+Eye  
 Blues™ Neon  
 Blues™ Purple+Eye  
 Blues™ Red  
 Blues™ Rose+Eye  
 Blues™ Violet+Eye  
 Blues™ White  
 Lascar™ Black Velvet  
 Lascar™ Burgundy  
 Lascar™ Dark Red  
 Lascar™ Dark Violet  
 Lascar™ Hot Rose  
 Lascar™ Mango Orange  
 Lascar™ Pink  
 Lascar™ Red  
 Lascar™ Red Rose  
 Lascar™ Salmon  
 Lascar™ White  
 Pops™ Dark Red  
 Pops™ Pink 19  
 Pops™ Pink+Eye  
 Pops™ Pink+Red Eye  
 Pops™ Salmon+Red Eye  
 Pops™ White

KLEPH11199  
 KLEPZ17292  
 KLEPH15254  
 KLEPH17365  
 KLEPH14251  
 KLEPH18034  
 KLEPH14253  
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 KLEPH13238  
 KLEPH09191  
 KLEPH17296  
 KLEPH14241  
 KLEPH13234  
 KLEPH13235  
 KLEPH14252

KAZ114826  
 KAZ115789  
 KAZ114828  
 KAZ114750  
 KAZ114830

KLEPO12820  
 KLEPO14824  
 KLEPO17022  
 KLEPO14822  
 KLEPO16012  
 KLEPO14825

HYBSV16016  
 HYBSV18020  
 HYBSV16017

KLESPI4002

KLESCI3594  
 KLESCI3595  
 KLESCI3596

KLEVPI3452  
 KLEVPI3461  
 KLEVPI2431  
 KLEVPI2430  
 KLEVPI2428  
 KLEVPI3450  
 KLEVPI2427  
 KLEVPI4490  
 KLEVPI2429  
 KLEVPI2449  
 KLEVPI3425  
 KLEVPI5618  
 KLEVP08383  
 KLEVPI2446  
 KLEVPI5483  
 KLEVPO3321  
 KLEVPI5474  
 KLEVPI2447  
 KLEVPI5488  
 KLEVPI1419  
 KLEVPI1423  
 KLEVPI2434  
 KLEVPI5470  
 KLEVPI8010  
 KLEVPI2435  
 KLEVPI5622  
 KLEVPI5616  
 KLEVPI5611

## Plant Protection

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

## Flowering Only Terms & Conditions

Plants shall be sold only as "finished plants." "Finished plants" - defined as plants grown for: 1) at least five weeks in a 3-in. (7.5-cm) pot/container or larger; 2) at least four weeks from planting of a rooted cutting; and 3) seven weeks from planting of an unrooted cutting. 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. 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.



ROYALTY Administration International C.V.  
 10175 Six Mile Cypress Parkway, Suite 3  
 Fort Myers, FL 33912-6404  
 Phone: (800) 472-4724 / (239) 278-9917  
 Fax: (239) 278-4833  
 E-mail: info@rai-na.com

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# Terms & Conditions of Sale

Selecta Terms & Conditions of Sale are country/region specific. Visit [SelectaNorthAmerica.com](http://SelectaNorthAmerica.com) for current Terms & Conditions. The following Terms & Conditions of Sale apply to unrooted cuttings or rooted liners sold by Ball Seed within the United States and Canada. If you purchase rooted liners from a broker other than Ball Seed, contact your broker to obtain its current terms & conditions.

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

## Freight & Handling Charges, Inspection, Damaged Goods

The freight and handling charge on Purchaser's invoice covers shipment of the merchandise to Purchaser's destination, and replacement or credit for damaged merchandise if the steps listed here are followed. PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment: 1) Count all cartons. 2) Inspect all cartons for external damage. 3) Check for open or resealed cartons. 4) Note any damages, shortages, open or resealed cartons on the delivery receipt; the carrier's representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage due to weather related issues such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call the Ball Traffic Department at **800 879-2255** to report the damage and receive details on what is needed to file a claim. Damaged unrooted cuttings will be replaced by Selecta One.

Damaged rooted cuttings will be replaced by Ball Seed.

## 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 **800 879-2255**.

## Delays, Shortages & Substitutions

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

## Plant Protection

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

## Trademarks

Trademarks are the property of Ball Horticultural Company or Selecta Klemm GmbH & Co. KG, unless otherwise indicated.

## Sales Limitations




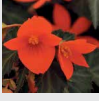
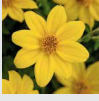


THE COMPANY'S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSFERRED OR RE-EXPORTED, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION THAT IS SUBJECT TO UNITED STATES OR UNITED NATIONS SANCTIONS PROGRAMS OR EMBARGOS (INCLUDING BUT NOT LIMITED TO OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC'S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

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



# Annuals Rooting Guide

See page 122 for Finishing Guide









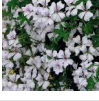
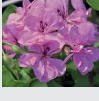

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days)	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Arctotis</b> <i>Arctotis sp.</i>	<b>Opera™</b>	25/35 mm	yes	9 to 12	no	4 to 5	no	None.
	<b>Argyranthemum</b> <i>Argyranthemum frutescens</i>	<b>Alessia</b>	20 mm	yes	14	yes	5	optional	
	<b>Argyranthemum</b> <i>Argyranthemum frutescens</i>	<b>LaRita™</b>	20 mm	yes	14	optional	4	no	
	<b>Bacopa</b> <i>Sutera grandiflora</i>	<b>Big Falls™</b>	25 mm	no	7 to 9	yes	3 to 4	recom- mended	Stick two cuttings per cell; avoid overwatering of young plants; apply preventive fungicide treatment after sticking.
	<b>Begonia</b> <i>Begonia boliviensis</i>	<b>Mistral™</b>	25/35 mm	optional	0 to 3, reduce mist as soon as possible	yes	4 to 5	recom- mended; pinch to node #3 but before develop- ing node #5	Avoid overmisting/ 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>Begonia</b> <i>Begonia cultivars</i>	<b>Marshmallow</b>	25/35 mm	optional	0 to 3, reduce mist as soon as possible	yes	4 to 5	recom- mended; pinch to node #3 but before develop- ing node #5	Avoid overmisting/ 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>Uno</b>	25 mm	optional	9 to 12	optional	4 to 5	optional	Stick cuttings upon arrival. Keep mist moderate to avoid oversaturation. Keep pH below 6.5 for maximum growth.
	<b>Calibrachoa</b> <i>Calibrachoa hybrida</i>	<b>Neo, Standard</b>	25 mm	optional	9 to 12	yes	4 to 5	yes	Stick cuttings upon arrival. Keep mist moderate to avoid oversaturation. Keep pH below 6.5 for maximum growth.

For more cultural details and Tech Sheets, please visit our website [SelectaNorthAmerica.com](http://SelectaNorthAmerica.com).

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.

# Annuals 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)	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Convolvulus</b> <i>Convolvulus sabatius</i>	<b>Early Blue, Prime White</b>	25 mm	optional	9 to 12	yes	4 to 5	optional	Stick right after arrival. Apply preventive fungicide treatment after sticking, and reduce mist as soon as possible.
	<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>Dalaya™, City Lights™</b>	25 mm	yes	9 to 12	optional	5 to 6	yes	Rooting hormone will even out rooting. Night interruption or extended day will help prevent tuber formation in short day seasons.
	<b>Dahlia</b> <i>Dahlia pinnata</i>	<b>Dahlietta®</b>	25 mm	yes	7 to 10	no	3 to 4	no	Rooting hormone will even out rooting. Night interruption or extended day will help prevent tuber formation in short day seasons.
	<b>Diascia</b> <i>Diascia cultivars</i>	<b>Piccadilly™</b>	25 mm	no	7 to 9	yes	3 to 4	recommended	Stick two 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.
	<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>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>Glacier White</b>	30/40 mm	yes	14	optional	5	optional	Use Cycocel (S) at a rate of 500 to 750 PPM if needed.
	<b>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>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 three days and reduce mist afterwards as soon as possible. Apply preventive fungicide treatment after sticking. Avoid stretch.
	<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 three days and reduce mist afterwards as soon as possible. Apply preventive fungicide treatment after sticking.





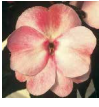


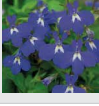
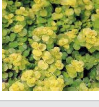


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
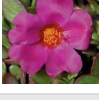
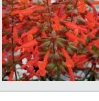
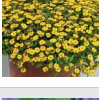



<sup>1</sup> PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.



## Annuals 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)	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Geranium (Zonal)</b> <i>Pelargonium x hortorum</i>	<b>Super Moon Red</b>	25/35 mm	optional	7 to 10	yes	4	no	Treat cuttings like other Zonal geraniums. Apply PGR in later stages of liner to avoid stretching before transplant.
	<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 with avoiding cross-tangling of cells.
	<b>Helichrysum</b> <i>Helichrysum italicum</i>	<b>Silver Threads</b>	25 mm	optional	15	optional	5	no	
	<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>Big Bounce™, Bounce™</b>	25 mm	no	6 to 9	yes	4 to 5	no	Reduce mist starting day 5; don't overwater.
	<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	21	no	4	no	
	<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™ Compact, Magadi™</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>Mandevilla</b> <i>Mandevilla sanderi</i>	<b>Dundee</b>	30/45 mm	no	14	optional	6 to 8	no	
	<b>Nierembergia</b> <i>Nierembergia caerulea</i>	<b>Lara™</b>	25 mm	optional	7 to 9	yes	3 to 4	recommended	Stick two cuttings per cell.

## Annuals 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>Osteospermum</b> <i>Osteospermum hybrid</i>	<b>FlowerPower™ Compact, FlowerPower™ Spider, FlowerPower™, Zion™, 4D™</b>	25 to 35 mm	yes	12 to 16	yes	4 to 5	no	Keep cuttings hydrated for the first 7 days to avoid stress, and delay rooting.
	<b>Osteospermum</b> <i>Osteospermum ecklonis</i>	<b>Daisy Falls™</b>	25 to 35 mm	yes	12 to 16	yes	4 to 5	optional	Keep cuttings hydrated for the first 7 days to avoid stress, and delay rooting.
	<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.
	<b>Petunia</b> <i>Petunia cultivars</i>	<b>Main Stage™</b>	30 mm	no	14	yes	4	optional	
	<b>Phlox</b> <i>Phlox cultivars</i>	<b>Gisele™</b>	25 mm	no	12	no	4 to 5	no	Avoid overmisting, 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>Trixi®</b>	<b>Trixi recipes</b> <i>Please ask for our detailed Tech Sheet</i>	N/A	N/A	N/A	N/A	N/A	TrixiLin-ers ship pinched	TrixiLiner is pinched, treated with PGR, and well-toned for best results.
	<b>Verbena</b> <i>Verbena cultivars</i>	<b>BeBop™, Blues™, Lascar™, Pops™</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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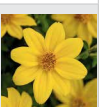
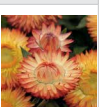
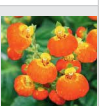
<sup>1</sup> PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.



## Perennials 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)	Average Propagation Weeks	Pinch in Propagation	Comments
	<b>Delosperma</b> <i>Delosperma cultivars</i>	<b>Lido™</b>	20/30 mm	no	14	no	5	no	Very low mist or tent.
	<b>Dianthus</b> <i>Dianthus cultivars</i>	<b>Dianthalot™, 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 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>Oscar®, 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>Gaura</b> <i>Gaura lindheimeri</i>	<b>Belleza®</b>	25 mm	optional	7 to 9	yes	4	optional	Avoid stretch.
	<b>Lavandula</b> <i>Lavandula angustifolia</i>	<b>Sweet Dreams Blue, Sweet Dreams Lavender</b>	20/30 mm	optional	12	no	6	yes	Reduce mist after day 5 to avoid rot and to 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>Salvia</b> <i>Salvia cultivars</i>	<b>Skyscraper™</b>	25 mm	optional	14	yes	4	yes	Use B-Nine 2,500 PPM spray.

# Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			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>Arctotis</b> <i>Arctotis sp.</i>	<b>Opera™</b>	5.8-6.2	200-250 PPM N	grow on the dry side	65-75°F/50-60°F 18-24°F/10-16°C	no	5,000 to 6,000	
	<b>Argyranthemum</b> <i>Argyranthemum frutescens</i>	<b>Alessia</b>	5.8-6.2	moderate	moderate	60-80°F/40-55°F 16-27°C/4-13°C	optional	4,000 to 7,000	
	<b>Argyranthemum</b> <i>Argyranthemum frutescens</i>	<b>LaRita™</b>	5.8-6.2	moderate	moderate	60-80°F/45-60°F 16-27°C/7-16°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>Mistral™</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>Begonia</b> <i>Begonia cultivars</i>	<b>Marshmallow</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	

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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.




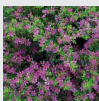

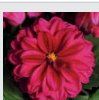
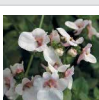
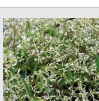
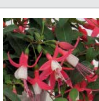
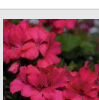
<sup>4</sup> **Watering:** In general avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns 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
	none	Aphids	Avoid low light and humidity conditions.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 ppp	9 to 12 weeks, 3 ppp
	B-Nine 2,500 PPM (S)	Mites, Thrips				
	B-Nine 1,500 PPM (S)					
	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), 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

<sup>5</sup> **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 8-12°F/4-6°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.

# Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			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>Calibrachoa</b> <i>Calibrachoa cultivars</i>	<b>Uno</b>	5.4-5.8	200-250 PPM N/ EC 1.8-2.2	keep evenly moist	65-80°F/55-65°F 18-27°C/13-18°C	optional	5,000 to 7,000	
	<b>Calibrachoa</b> <i>Calibrachoa hybrida</i>	<b>Neo, Standard</b>	5.4-5.8	200-250 PPM N/ EC 1.8-2.2	keep evenly moist	65-80°F/55-65°F 18-27°C/13-18°C	recommended	5,000 to 7,000	
	<b>Convolvulus</b> <i>Convolvulus sabatius</i>	<b>Early Blue, Prime White</b>	5.8-6.2	225-300 PPM N	keep evenly moist	70-75°F/55-60°F 21-24°C/13-16°C	recommended	5,000 to 6,000	
	<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™, Dalaya™</b>	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	maintain even moisture and consistent fertility for best uniformity	65-78°F/55-65°F 18-26°C/13-18°C	yes	5,000 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	maintain even moisture and consistent fertility for best uniformity	65-78°F/55-65°F 18-26°C/13-18°C	optional	5,000 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>Euphorbia</b> <i>Euphorbia hypericifolia</i>	<b>Loreen™</b>	5.8-6.2	175-225 PPM N/ EC 1.8-2.0	sensitive to over-watering	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>Geranium (Interspecific)</b> <i>Pelargonium cultivars</i>	<b>Marcada™</b>	5.4-5.9	200 PPM N	moderate	55-80°F/50-68°F 13-27°C/10-20°C	optional	6,000+	

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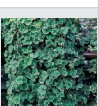
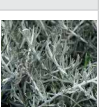
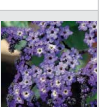
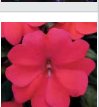
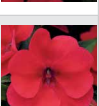
<sup>4</sup> **Watering:** In general avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns 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 PPM (S), Sumagic 5-15 PPM (S)/ Sumagic 0.25 PPM (D), Bonzi 1-2 PPM (D)	Aphids, Thrips, Pythium, Thielaviopsis	Start Calibrachoa warm to get the roots established. Cooler temps and high light will help to keep plant toned. Keep pH lower to avoid Fe deficiencies.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	9 to 12 weeks, 3 to 4 ppp
	B-Nine 1,500 PPM (S), Sumagic 10-15 PPM (S)/ Sumagic 0.25 PPM (D), Bonzi 1-3 PPM (D)	Aphids, Thrips, Pythium, Thielaviopsis	Start Calibrachoa warm to get the roots established. Cooler temps and high light will help to keep plant toned. Keep pH lower to avoid Fe deficiencies.	7 to 8 weeks, 1 ppp	8 to 11 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
	B-Nine 2,500-3,500 PPM (S), Sumagic 10-20 PPM (S)/Sumagic 0.25 PPM (D), Bonzi 1-2 PPM (D)	Aphids, Mites, Thrips	Can be grown dryer to promote higher flower count.	7 to 8 weeks, 1 ppp	9 to 10 weeks, 2 ppp	9 to 12 weeks, 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 1,500-2,500 PPM (S), B-Nine 1,500 PPM (S)/ Cycocel 750 PPM (S) tank mix, Bonzi 2 to 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, 3-4 ppp
	B-Nine 1,500-2,500 PPM (S), B-Nine 1,000 PPM (S)/ Cycocel 500 PPM (S) tank mix, Bonzi 1 to 3 PPM (D)		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	
	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, 4 to 5 ppp
	B-Nine (S) 2,500 PPM, Cy- cocoel (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
	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

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	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			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>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>Glacier White</b>	5.4-5.9	200 PPM N	moderate	55-80°F/50-65°F 13-27°C/10-18°C	yes	4,000 to 6,000	
	<b>Geranium (Ivy)</b> <i>Pelargonium peltatum</i>	<b>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 (Zonal)</b> <i>Pelargonium x hortorum</i>	<b>Moonlight™</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>Sunrise™</b>	5.8-6.2	200 to 250 PPM N/ EC 1.8 to 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 Red</b>	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	grow slightly dry.	65-78°F/55-65°F 18-26°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	
	<b>Helichrysum</b> <i>Helichrysum italicum</i>	<b>Silver Threads</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>Big Bounce™</b>	6.2-6.5	175-225 PPM N	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 (Interspecific)</b> <i>Impatiens hawkeri</i>	<b>Bounce™</b>	6.2-6.5	175-225 PPM N	grow on the dry side	68-79°F/55-64°F 20-26°C/13-18°C	no	4,000 to 9,000	

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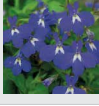
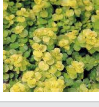



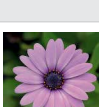
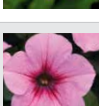
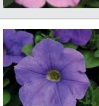
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	Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
	Use Cycocel (S) at a rate of 500-1,000 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), 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
	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 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 750-1,500 PPM (S), B-Nine 1,000 PPM (S)/ Cycocel 750 PPM (S) tank mix, Bonzi 2-5 PPM (S), Bonzi 0.25-0.5 PPM (D)	Thrips, Fungus Gnats, Mites, Botrytis, Rust, Pythium	High light and cooler temperatures will enhance the color of the foliage and stems.	7 to 10 weeks, 1 ppp	8 to 11 weeks, 1 ppp	10 to 12 weeks, 3 ppp
		none	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
	B-Nine 1,500 PPM (S)					
	B-Nine 2,500 PPM (S), Cy- cocol 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) on Bounce and Big Bounce; Bonzi 5-10 PPM (S) or 0.5-1 PPM (D) on Big Bounce only	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
	B-Nine 1,500 PPM (S) on Bounce and Big Bounce; Bonzi 5-10 PPM (S) or 0.5-1 PPM (D) on Big Bounce only	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

\* **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 8-12°F/4-6°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.

# Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			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>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	keep constantly moist	70-78°F/65-68°F 21-26°C/18-20°C	no	3,000 to 5,000	
	<b>Lobelia</b> <i>Lobelia cultivars</i>	<b>Magadi™ Basket</b>	5.8-6.2	moderate	moderate	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™ Compact, Magadi™</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>Mandevilla</b> <i>Mandevilla sanderi</i>	<b>Dundee</b>	5.6-6.2	150-200 PPM N constant feed	moderate	75-95°F/60-72°F 24-35°C/16-22°C	no	5,000 to 7,000	
	<b>Nierembergia</b> <i>Nierembergia caerulea</i>	<b>Lara™</b>	5.4-5.8	100-150 PPM N/ EC 1.4-1.8	keep constantly moist	68-78°F/62-65°F 20-26°C/17-18°C	yes	5,000 to 6,000	
	<b>Osteospermum</b> <i>Osteospermum hybrid</i>	<b>FlowerPower™ Compact, FlowerPower™ Spider, FlowerPower™, Zion™, 4D™</b>	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	Avoid over-saturated media. Maintain even moisture.	50-75°F/35-58°F 15-24°C/2-14°C	recommended	5,000 to 7,000	
	<b>Osteospermum</b> <i>Osteospermum ecklonis</i>	<b>Daisy Falls™</b>	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	Avoid over-saturated media. Maintain even moisture.	50-75°F/35-58°F 15-24°C/2-14°C	recommended	5,000 to 7,000	
	<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	Heavy, 250-300 PPM N	keep moist	65-75°F/50-60°F 18-24°C/15-16°C	yes	5,000 to 8,000	

<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.



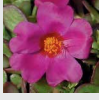

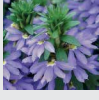

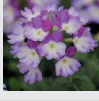
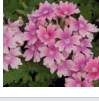

<sup>4</sup> **Watering:** In general avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns 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
	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
	No	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), 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	
	not recommended	Spider Mites, Root Rot		10 to 12 weeks, 1 ppp	12 to 16 weeks, 2 to 3 ppp	14 to 18 weeks, 3 to 5 ppp
	B-Nine 2,500 PPM (S)	Aphids, Botrytis, Pythium	Start late Spring when day length increases and temperatures rise. Pinch as needed for improved plant habit. High light and warm temperatures will improve flowering, branching and plant development.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 2 ppp	8 to 10 weeks, 5 ppp
	Cycocel 750-1,500 PPM (S), B-Nine 1,000 PPM / Cycocel 750-PPM (S), Bonzi 0.5-2 PPM (D)	Thrips, Aphids, Botrytis, Rhizoctonia Pythium	Avoid Foilar sprays of PGR after final budset to avoid flower distortion and reduction.	9 to 16 weeks, 1 ppp	10 to 16 weeks, 1 ppp	11 to 18 weeks, 3 to 4 ppp
	Cycocel 750-1,500 PPM (S), B-Nine 1,000 PPM / Cycocel 750-PPM (S), Bonzi 1-3 PPM (D)	Thrips, Aphids, Botrytis, Rhizoctonia Pythium	Compatible culture and PGR in Trixi and combinations with many Spring annual species.		10 to 16 weeks, 1 ppp	11 to 18 weeks, 3 to 4 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

<sup>8</sup> **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 8-12°F/4-6°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.

# Annuals 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>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 over-watering	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>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	
	<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>Trixi®</b> <i>Trixi recipes</i> <i>Please ask for our detailed Tech Sheet</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>BeBop™</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>Blues™, Pops™</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	

<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
	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 Mil- dew, 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 overwatering.	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), 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
	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
	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
	B-Nine 1,500-2,500 PPM (S), Sumagic 5-10 PPM (S), Cycocel 1,000-2,000 PPM (S)	Thrips, Aphids, White Fly, Leafmin- er, Powdery Mildew	Let media dry out between watering. Avoid stretch, and pinch as needed to improve plant habit.	5 to 7 weeks, 1 ppp	6 to 9 weeks, 1 ppp	9 to 11 weeks, 3 to 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, Leafmin- er, 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
	B-Nine 1,500-2,500 PPM (S), Sumagic 5-10 PPM (S), Cycocel 1,000-2,000 (S)	Thrips, Aphids, White Fly, Leafmin- er, 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

<sup>5</sup> **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 8-12°F/4-6°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.

## Perennials Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			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>Delosperma</b> <i>Delosperma</i> cultivars	<b>Lido™</b>	5.8-7.0	very low	very low	55-90°F/40-70°F 13-32°C/4-21°C	no	7,000+	
	<b>Dianthus</b> <i>Dianthus</i> cultivars	<b>Dianthalot™</b>	6.2-6.5	100-150 PPM N	keep hydrated	65-70°F/50-55°F 18-21°C/10-13°C	yes	5,000 to 6,000	
	<b>Dianthus</b> <i>Dianthus</i> interspecific	<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>Oscar®, SuperTrouper™</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</i> cultivars	<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>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>Lavandula</b> <i>Lavandula angustifolia</i>	<b>Sweet Dreams Blue</b>	5.8-6.2	Modest 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>Lavandula</b> <i>Lavandula angustifolia</i>	<b>Sweet Dreams Lavender</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>Salvia</b> <i>Salvia</i> cultivars	<b>Skycraper™</b>	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	grow slightly dry	65-80°F/48-65°F 18-27°C/9-18°C	yes	5,000 to 7,000	

<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
	none		Grow warm and dry. Will rot if too wet.	12 to 16 weeks, 1 ppp	16 to 20 weeks, 3 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.	10 to 18 weeks (depending on time of the year), 1 ppp	12 to 20 weeks (depending on time of the year), 2 ppp	12 to 20 weeks (depending on time of the year), 4 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 (depending on time of the year), 1 ppp	16 to 22 weeks (depending on time of the year), 2 ppp	16 to 22 weeks (depending on time of the year), 4 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 (depending on time of the year), 1 ppp	16 to 22 weeks (depending on time of the year), 2 ppp	16 to 22 weeks (depending on time of the year), 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 (depending on time of the year), 1 ppp	16 to 22 weeks (depending on time of the year), 2 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
	not recommended	Spider Mites, Fusarium		14 to 16 weeks, 1 ppp	16 to 20 weeks, 1 to 2 ppp	
	not recommended	Spider Mites, Fusarium		14 to 16 weeks, 1 ppp	16 to 20 weeks, 1 to 2 ppp	
	none	Rosemary Beetle, Pythium, Rhizoc- tonia	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 1-3 PPM (D)	Mites	Vigorous very free flowering plant. Trim, and flush for sale in 2-3 weeks.	3 to 5 weeks, 1 ppp	4 to 6 weeks, 1 to 2 ppp	8 to 12 weeks, 1 to 3 ppp

<sup>5</sup> **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 8-12°F/4-6°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.



## Rooted Cuttings

Selecta One varieties are available as rooted cuttings from Selecta One licensed Root & Sell Stations. Contact your favorite broker for ordering details.

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