



2018

selecta **one**

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On front cover:

Headliner™ Night Sky™ Petunia and
NEW Headliner™ Pink Sky Petunia

Key to Symbols

18 Upgraded Variety

Varieties noted as 18 represent a significant improvement compared to last year's genetics. | Les variétés indiquées par la mention 18 représentent une amélioration significative comparativement à la génétique de l'année passée. | Las variedades marcadas con 18 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

NEW USDA Hardiness Zones

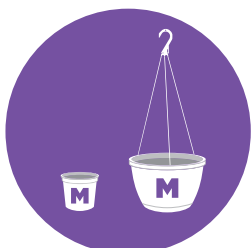
This year we are including USDA Hardiness Zones for our perennials. This information is on a separate line and in bold type below the description of each perennial variety, so it is easy to find.

Size counts

We have recommended finished, retail-ready sizes for classes with multiple series to help you plan your production. These are only recommendations. Growing conditions vary by region and location.



SMALL POT & BASKET



MEDIUM POT & BASKET



LARGE POT & BASKET



NOVELTY



NEW
Marcada
Magenta
Interspecific Geranium

Gisele Hot Pink Phlox

Fresh & Fun

YOUR ^{one} SOURCE FOR ANNUALS AND PERENNIALS (AND HERBS!)

Welcome to **Selecta One!** Our name and logo embody the growth and driving forces behind our organization — our determination to bring you the **highest-quality plants, innovative genetics** and the **most in-depth growing information**, so that we can be your **one source!** This year for the first time, the catalog is divided into clearly defined sections for Annuals, Perennials and Herbs available from Selecta One.

YOUR ^{one} SOURCE FOR RELIABLE SUPPLY

Selecta One works with an extensive supply chain network to offer you the **most availability** and **highest-quality cuttings** where and when you need them most. With our production farms in Africa, we are working to provide our North American market with **fast, reliable delivery**. Read more about our **supply chain** on page 136.



NEW Headliner Pink Sky Petunia



NEW MiniFamous Neo Pink Strike Calibrachoa



NEW Dalaya Shari Dahlia

**Trixi® has
colors to
celebrate
every day!**

Our unique and exciting mixes show beautifully in both containers and baskets and will **suit every mood and occasion!** Many of the varieties have been bred and upgraded for better performance in Trixi combos!

Both Trixi mono combos and multi-species mixes are organized into color groupings to address special events or reflect an attitude.



MONO COMBOS

Highlight the strength of a single class in three colors for sensational, eye-pleasing combinations.

selecta ^{one}



Daisy Falls
PAGE 8



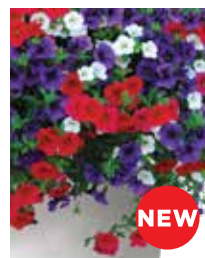
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Sweet Candy
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Royal Castle
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Blues
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Soul
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Ball Game
PAGE 4



Fairy
PAGE 9



Fashion
PAGE 12



Big Falls
PAGE 9



MULTI-SPECIES COMBOS

Mix things up with three colors and different classes that grow and show brilliantly in combination.



Perfect Storm
PAGE 13



Who Knew Orleans
PAGE 14



Ayers Rock
PAGE 14



Blueberry Parfait
PAGE 21



Breakdance
PAGE 16



Cajun Flare
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Cherry Kiss
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Crazy for Crayons
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Double Delight
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Night Watch
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Out of the Blue
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Starlight Starbright
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Strawberry Shortcake
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Treasure Chest
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Twinkle Star
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Walk on a Cloud
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MONO COMBOS

Reds & Blues

Salute holidays and celebrate life with a mix of bold primary colors



NEW **TOP**

Caribbean Cocktail 18

MiniFamous® Compact Blue Calibrachoa
NEW MiniFamous® Neo Vampire Calibrachoa
 MiniFamous® Neo Orange+Red Eye Calibrachoa

Ⓥ 4 ⌚ 2 🌀 B



NEW

Ball Game

Starlet™ Blue Petunia
 Starlet™ Red Petunia
 Starlet™ White Petunia

Ⓥ 3 ⌚ 1 🌀 B



NEW

Old Glory 18

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

Ⓥ 4 ⌚ 2 🌀 B

MONO COMBOS

Yellows & Blues

Cheerful, sunny shades bring
Spring to your day



NEW **TOP**

Bolero 18

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

Ⓥ 4 Ⓢ 2 Ⓢ B



Lollipop

MiniFamous® Compact Blue Calibrachoa
MiniFamous® Neo Deep Yellow Calibrachoa
MiniFamous® Neo Pink Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ A

MONO COMBOS

Pinks & Oranges

Feel the heat with brilliant, warm colors tempered with pretty pastels



NEW

Batting Eyes

MiniFamous® Neo Orange+Red Eye Calibrachoa

MiniFamous® Neo Yellow+Red Vein Calibrachoa

MiniFamous® Neo Coral+Red Eye Calibrachoa

Ⓥ 4 ⌚ 2 🌀 B



Sweet Candy

MiniFamous® Neo Orange+Red Eye Calibrachoa

MiniFamous® Light Pink+Eye Calibrachoa

MiniFamous® Compact Dark Blue Calibrachoa

Ⓥ 3 ⌚ 2 🌀 B

MONO COMBOS

Purples & Pinks

Classic colors complement
any décor



NEW

Royal Castle

Lascar™ Dark Violet Verbena

Lascar™ Burgundy Verbena

Lascar™ Magenta Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



Blues

Blues™ Lavender+Eye Verbena

Blues™ Light Pink+Eye Verbena

Blues™ Neon Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



TOP

Berry Daring

MiniFamous® Neo Purple Calibrachoa

MiniFamous® Neo Salmon Pink+Eye Calibrachoa

MiniFamous® Neo Violet+Eye Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B

MONO COMBOS

Pinks & Whites

Graceful, lovely pastels soothe the senses



NEW

Daisy Falls

NEW Daisy Falls™ Pink Osteospermum

NEW Daisy Falls™ Purple Osteospermum

NEW Daisy Falls™ White Amethyst Osteospermum

Ⓥ 4 ⌚ 2 🌀 B



Pretty Princess

MiniFamous® Double Compact Chiffon Calibrachoa

MiniFamous® Double Compact Pink Calibrachoa

MiniFamous® Double Compact White Calibrachoa

Ⓥ 3 ⌚ 2 🌀 B



Party Favor

MiniFamous® Compact Blue Calibrachoa

MiniFamous® Neo Pink Calibrachoa

MiniFamous® Neo White Calibrachoa

Ⓥ 3 ⌚ 2 🌀 B

MONO COMBOS

Blues & Pinks

Contrasting colors bring light and cheer to every day



Big Falls

Big Falls™ Dark Blue Bacopa

Big Falls™ Dark Pink Bacopa

Big Falls™ White Bacopa

Ⓥ 3 Ⓢ 1 Ⓢ B



Fairy

Fairy™ Blue Scaevola

Fairy™ Pink Scaevola

Fairy™ White Scaevola

Ⓥ 3 Ⓢ 2 Ⓢ A

MONO COMBOS

Lavenders & Whites

Soft, soothing pastels say,
"Relax and enjoy!"



Soul

Blues™ Lavender+Eye Verbena

Blues™ Purple+Eye Verbena

Blues™ White Verbena

Ⓥ 3 ⌚ 2 🌀 B



TOP

Purple with a Purpose

MiniFamous® Compact Dark Blue Calibrachoa

MiniFamous® Neo Lavender Blue Calibrachoa

MiniFamous® Neo White Calibrachoa

Ⓥ 3 ⌚ 2 🌀 B

MONO COMBOS

Purples & Yellows

Bright and boisterous colors say,
"Be happy!"



TOP

Gold & Bold

MiniFamous® Neo Deep Yellow Calibrachoa
MiniFamous® Neo Royal Blue Calibrachoa
MiniFamous® Neo Purple Calibrachoa

Ⓥ 4 Ⓢ 2 Ⓢ B



Flirtini

MiniFamous® Double Amethyst Calibrachoa
MiniFamous® Double Compact Pink Calibrachoa
MiniFamous® Double Lemon Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B



TOP

Double Date

MiniFamous® Double Amethyst Calibrachoa
MiniFamous® Double Lemon Calibrachoa
MiniFamous® Double Magenta Calibrachoa

Ⓥ 3 Ⓢ 2 Ⓢ B

MONO COMBOS

Blues & Purples

Cool, with a pinch of pizzazz



Wild Berry

MiniFamous® Compact Blue Calibrachoa

MiniFamous® Neo Purple Calibrachoa

MiniFamous® Neo White Calibrachoa

Y 3 | O 2 | B



Fashion

Magadi™ Basket Dark Purple Lobelia

Magadi™ Basket White Lobelia

Magadi™ Dark Blue Lobelia

V 4 | O 2 | B

MULTI-SPECIES COMBOS

Lavenders & Violets

Enjoy some tranquility surrounded by soft, gentle colors



NEW

Perfect Storm

MiniFamous® Neo Violet+Eye Calibrachoa

Starlet™ Red Petunia

Blues™ Lavender+Eye Verbena

Ⓥ 3 ⌚ 2 🌀 B



TOP

Nightfall

Starlet™ Lavender Star Petunia

Blues™ Lavender+Eye Verbena

MiniFamous® Compact Blue Calibrachoa

Ⓥ 3 ⌚ 2 🌀 B



Starlight Starbright

MiniFamous® Compact Blue Calibrachoa

Starlet™ Lavender Star Petunia

BeBop™ Lavender Verbena

Ⓥ 4 ⌚ 2 🌀 B

MULTI-SPECIES COMBOS

Reds & Oranges

Sizzling shades bring the heat



NEW

Who Knew Orleans

MiniFamous® Neo Yellow+Red Vein Calibrachoa

Lascar™ Mango Orange Verbena

Starlet™ Red Petunia

Ⓥ 3 Ⓢ 2 Ⓢ B



Ayers Rock

MiniFamous® Neo Orange+Red Eye Calibrachoa

Magadi™ Electric Purple Lobelia

Lascar™ Dark Red Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B

MULTI-SPECIES COMBOS

Reds & Violets

Bursts of color energize
with excitement



TOP

Cajun Flare

Headliner™ Violet Dark Eye Petunia

Lascar™ Burgundy Verbena

Namid™ Early Yellow Bidens

Ⓥ 3 ⌚ 2 🌀 B



TOP

Prime Time

Namid™ Special Yellow Bidens

Lascar™ Dark Red Verbena

Lascar™ Dark Violet Verbena

Ⓥ 4 ⌚ 2 🌀 B



Express Yourself

Headliner™ Violet Dark Eye Petunia

Lascar™ Burgundy Verbena

Magadi™ Electric Blue Lobelia

Ⓥ 3 ⌚ 2 🌀 B

MULTI-SPECIES COMBOS

Yellows & Reds

Celebrate every day with
sizzling, sun-drenched color



Night Watch

Namid™ Special Yellow Bidens

Starlet™ Velvet Petunia

Blues Red Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



Breakdance

Namid™ Early Yellow Bidens

Magadi™ Electric Blue Lobelia

Lascar™ Red Rose Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



La Bomba

MiniFamous® Compact Dark Blue Calibrachoa

Namid™ Early Yellow Bidens

Starlet™ Red Petunia

Ⓥ 3 Ⓢ 2 Ⓢ B

MULTI-SPECIES COMBOS

Pinks & Reds

Romance intersects where
passion meets fashion



TOP

Geisha Girl

MiniFamous® Light Pink+Eye Calibrachoa

Starlet™ Red Petunia

Lascar™ Red Rose Verbena

Ⓥ 4 ⌚ 2 🌀 B



TOP

Cherry Kiss

Headliner™ Electric Purple Petunia

MiniFamous® Light Pink+Eye Calibrachoa

Blues™ Rose+Eye Verbena

Ⓥ 4 ⌚ 2 🌀 B



Strawberry Shortcake

Big Falls™ White Bacopa

MiniFamous® Light Pink+Eye Calibrachoa

Lascar™ Burgundy Verbena

Ⓥ 3 ⌚ 2 🌀 B

MULTI-SPECIES COMBOS

Blues & Whites

Cool and lively shades energize with perfect tones



TOP

Liberty Bell

MiniFamous® Compact Dark Blue Calibrachoa
Starlet™ Red Petunia
Lascar™ White Verbena

Ⓥ 3 Ⓢ 2 Ⓢ A



Spring Valley

MiniFamous® Orange Calibrachoa
MiniFamous® Compact Blue Calibrachoa
Magadi™ Basket White Lobelia

Ⓥ 4 Ⓢ 2 Ⓢ B



Out of the Blue

Namid™ Early Yellow Bidens
Magadi™ Dark Blue Lobelia
Lascar™ White Verbena

Ⓥ 4 Ⓢ 1 Ⓢ B

MULTI-SPECIES COMBOS

Pinks & Purples

Soft, soothing colors
make this house a home



Electric Avenue

MiniFamous® Double Pink Vein Calibrachoa

Magadi™ Electric Purple Lobelia

Blues™ Violet+Eye Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B



Salt Water Taffy

MiniFamous® Neo Salmon Pink+Eye Calibrachoa

Starlet™ Pink Lemonade Petunia

Blues Lavender+Eye Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B

MULTI-SPECIES COMBOS

Yellows & Reds

Bright primary shades
shout happy headlines



Jam Session

Starlet™ Burgundy Petunia

Namid™ Early Yellow Bidens

MiniFamous® Neo Lavender Blue Calibrachoa

Ⓥ 3 ⌚ 2 🌀 B



TOP

Crazy for Crayons

Namid™ Early Yellow Bidens

MiniFamous® Compact Dark Blue Calibrachoa

Lascar™ Burgundy Verbena

Ⓥ 3 ⌚ 2 🌀 B



Double Delight

MiniFamous® Double Lemon Calibrachoa

Magadi™ White Lobelia

Lascar™ Burgundy Verbena

Ⓥ 3 ⌚ 1 🌀 B

MULTI-SPECIES COMBOS

Purples & Whites

Regal shades command attention



TOP

Blueberry Parfait

Big Falls™ Pearl Bacopa

MiniFamous® Neo Lavender Blue Calibrachoa

Blues™ Light Pink+Eye Verbena

Ⓥ 4 Ⓢ 2 Ⓢ B



Treasure Chest

Magadi™ Electric Purple Lobelia

Headliner™ Violet Dark Eye Petunia

Lascar™ White Verbena

Ⓥ 3 Ⓢ 2 Ⓢ B

MULTI-SPECIES COMBOS

Whites & Yellows

Sunny and clear with a strong chance of happy



Pop the Bubbly

Namid™ Early Yellow Bidens

Starlet™ Yellow Petunia

Lascar™ White Verbena

Ⓥ 3 ⌚ 2 ⌘ B



Twinkle Star

Big Falls™ Pearl Bacopa

Namid™ Early Yellow Bidens

MiniFamous® Compact Dark Blue Calibrachoa

Ⓥ 4 ⌚ 2 ⌘ B



Walk on a Cloud

Starlet™ White Petunia

Lascar™ White Verbena

Magadi™ Basket White Lobelia

Ⓥ 3 ⌚ 2 ⌘ B

Annuals

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Angelina™ Angelonia

Angelonia angustifolia

Popular series has big blooms, high flower count, great branching and a medium/vigorous habit – everything you want in an angelonia! These plants provide season-long color and stand up to tough environmental conditions.



Angelina Pink Angelonia

Ⓥ 4 Ⓢ 3 Ⓢ A



Angelina Dark Purple Angelonia

Ⓥ 4 Ⓢ 3 Ⓢ A



Angelina White Angelonia

Ⓥ 4 Ⓢ 3 Ⓢ 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.



Opera Rose Arctotis

Ⓥ 2 Ⓢ 1 Ⓢ C



Opera Fire Arctotis

Ⓥ 2 Ⓢ 1 Ⓢ C



Opera Orange Arctotis

Ⓥ 2 Ⓢ 1 Ⓢ C

Madeira™ Argyranthemum

Argyranthemum frutescens

An early-flowering, excellent-branching series for medium to large-sized containers. This cool crop with an upright habit is a perfect addition to Spring programs.



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



Deep Pink

Ⓥ 2 Ⓢ 2 Ⓢ C



Red

Ⓥ 2 Ⓢ 1 Ⓢ C



Primrose

Ⓥ 3 Ⓢ 2 Ⓢ C



White

Ⓥ 2 Ⓢ 2 Ⓢ C

Big Falls™ Bacopa

Sutera grandiflora

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



**Big Falls
Summer Blue
Bacopa**



**Big Falls Summer Blue
Bacopa**

Ⓥ 3 Ⓢ 1 Ⓢ B



**Big Falls Dark Pink
Bacopa**

Ⓥ 3 Ⓢ 1 Ⓢ B



**Big Falls Dark Blue
Bacopa**

Ⓥ 3 Ⓢ 1 Ⓢ B



Big Falls White Bacopa

Ⓥ 3 Ⓢ 1 Ⓢ B



Big Falls Pearl Bacopa

Ⓥ 3 Ⓢ 1 Ⓢ B

Butterfly Argyranthemum

Argyranthemum frutescens

A classic flower with an upright habit.



Butterfly Argyranthemum

Ⓥ 4 Ⓢ 3 Ⓢ A

Bonfire[®] Orange Begonia

Begonia boliviensis

With outstanding consumer performance, Bonfire Orange finishes faster under long days and warm temperatures. Semi-trailing habit and green foliage. High retail appeal.



BONFIRE

BONFIRE is a registered trademark
of Anthony Tesselar Plants Pty., Ltd.



Bonfire Orange

Ⓥ 4 Ⓢ 3 Ⓢ A



Bonfire Orange

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.



Yellow



Dark Red

Ⓥ 4 Ⓢ 2 Ⓢ B



Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Yellow

Ⓥ 2 Ⓢ 2 Ⓢ B



Orange

Ⓥ 3 Ⓢ 2 Ⓢ B

Fiery Orange Begonia

Begonia cultivars

Boliviensis cross offers excellent cutting performance for reliable production. Exciting semi-double orange blooms complement a compact, well-branched plant.



Fiery Orange

Ⓥ 2 Ⓢ 2 Ⓢ B

California Sunlight Begonia

Begonia boliviensis

Naturally branching begonia shines brightly in basket programs. Nice, dense plants won't fall apart at retail, and the vibrant orange flowers and dark foliage will really rack up the sales.



California Sunlight

Ⓥ 2 Ⓢ 1 Ⓢ A

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.



Marshmallow

Ⓥ 1 Ⓢ 2 Ⓢ B

NamidTM Bidens

Bidens ferulifolia

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

Compact Yellow



Trixi La Bomba
featuring
Namid Early Yellow Bidens,
Starlet Red Petunia and
MiniFamous Compact Dark Blue
Calibrachoa.



Compact Double Yellow

Ⓥ 1 Ⓢ 1 Ⓢ B

Compact Double Yellow

Small pots. Whimsical double blooms. Performs well in the South.



Compact Yellow

Ⓥ 1 Ⓢ 1 Ⓢ B

Compact Yellow

Small pots. A favorite in Southern markets.



Special Yellow

Ⓥ 2 Ⓢ 2 Ⓢ B

Special Yellow

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



Early Yellow

Ⓥ 3 Ⓢ 1 Ⓢ A

Early Yellow

Airy habit. Great choice for mixed containers.

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.



Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ B



Orange



Purple Red

Ⓥ 2 Ⓢ 2 Ⓜ B



Apricot

Ⓥ 3 Ⓢ 2 Ⓜ B



Orange

Ⓥ 3 Ⓢ 2 Ⓜ B



White

Ⓥ 4 Ⓢ 1 Ⓜ B



Dark Rose

Ⓥ 3 Ⓢ 2 Ⓜ B



Yellow

Ⓥ 3 Ⓢ 2 Ⓜ A



Basket Yellow

Ⓥ 3 Ⓢ 2 Ⓜ A

Calibrachoa

Watch your calibrachoa sales grow with the excitement generated by Selecta One. We are the one source for singles, doubles and stars, offered in dozens of colors. Check the guide at the right to help you select the ideal pot or basket size to achieve the best results.



MiniFamous Neo Series
Shown: NEW Trixi Batting Eyes



SMALL POT & BASKET

MiniFamous® Compact
PAGE 36

MiniFamous® Double Compact
PAGE 38



MEDIUM POT & BASKET

MiniFamous® Neo
PAGE 40

StarShine™
PAGE 42



LARGE POT & BASKET

MiniFamous®
PAGE 43

MiniFamous® Double
PAGE 44



**StarShine
Violet
Calibrachoa**



MiniFamous Double Series
Shown: Trixi Double Date



MiniFamous[®] Compact

SMALL POT & BASKET

Calibrachoa cultivars

ANNUALS

Early flowering and a compact, mounded habit make this series a favorite for Southern markets. Perfect for pots, quarts, gallons and baskets, with semi-trailing habit in finished pots.

HD

Trixi Old Glory 18

featuring
MiniFamous Compact White,
MiniFamous Compact Dark Blue and
NEW MiniFamous Neo Vampire
Calibrachoa. See page 2 for more
Trixi mixes.





Dark Red

Ⓥ 1 Ⓢ 1 Ⓢ B



Hot Pink

Ⓥ 2 Ⓢ 2 Ⓢ B



Pink

Ⓥ 2 Ⓢ 1 Ⓢ B



Dark Blue

Ⓥ 2 Ⓢ 1 Ⓢ B



Salmon+Red Eye

Ⓥ 2 Ⓢ 1 Ⓢ B



Safran

Ⓥ 2 Ⓢ 1 Ⓢ B



Red

Ⓥ 2 Ⓢ 1 Ⓢ B



Blue

Ⓥ 2 Ⓢ 2 Ⓢ B



Purple

Ⓥ 2 Ⓢ 1 Ⓢ B



White

Ⓥ 2 Ⓢ 2 Ⓢ B



SMALL POT & BASKET

MiniFamous[®] Double Compact

Calibrachoa cultivars

Everything you love about MiniFamous Doubles,
with a naturally compact habit!

HD



Lemon

Ⓥ 2 Ⓢ 1 Ⓢ A



**MiniFamous Double
Compact Lemon**



Pink

Ⓥ 2 Ⓢ 2 Ⓜ A



Red

Ⓥ 2 Ⓢ 2 Ⓜ A



White

Ⓥ 2 Ⓢ 2 Ⓜ A



Chiffon

Ⓥ 2 Ⓢ 1 Ⓜ A



Rose Chai

Ⓥ 1 Ⓢ 2 Ⓜ B



Close Up

Ⓥ 1 Ⓢ 1 Ⓜ B



MEDIUM POT & BASKET

MiniFamous[®] Neo

Calibrachoa cultivars

For uniform, semi-trailing habit, medium vigor and attractive flowering time, try MiniFamous Neo. Large single blooms. **NEW Vampire brings the in-demand dark red color to the Neo series.** A key upgrade for Trixi[®] combos.



White+Yellow Eye



White+Yellow Eye

V 2 S 2 W A



Yellow

V 3 S 2 W A



Vampire

V 2 S 2 W A



Yellow+Red Vein

V 2 S 2 W A



Rose

V 3 S 2 W A



Pink

V 3 S 3 W A



Lavender Blue

V 3 S 1 W B

selecta^{one}

NEW



Pink Strike

Ⓥ 3 Ⓢ 2 Ⓢ A



Royal Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Orange+Red Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Light Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Salmon Pink+Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Cherry Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Coral+Red Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Apricot+Red Eye

Ⓥ 3 Ⓢ 3 Ⓢ A



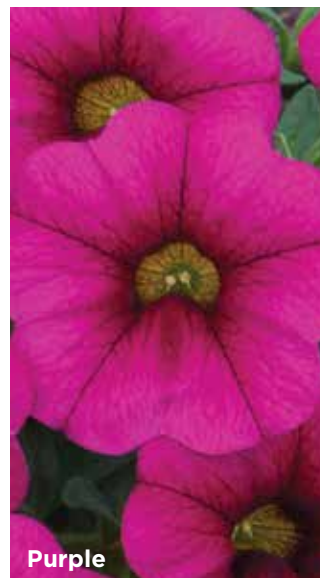
Deep Yellow

Ⓥ 3 Ⓢ 2 Ⓢ A



Violet+Eye

Ⓥ 3 Ⓢ 2 Ⓢ B



Purple

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 3 Ⓢ 2 Ⓢ A



MEDIUM POT & BASKET

StarShine™

Calibrachoa cultivars

A shining star, StarShine launches the WOW factor with big, brilliant star-patterned blooms and powerful garden performance. The series branches and fills well for dazzling hanging baskets and large and small containers.



Violet



Pink

V 3 S 2 B



Violet

V 3 S 2 B



Cherry

V 3 S 2 B



Apricot

V 3 S 2 B



LARGE POT & BASKET

MiniFamous®

Calibrachoa cultivars

selecta ^{one}

ANNUALS

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



Light Pink+Eye

Ⓥ 4 Ⓢ 2 Ⓢ A



Vampire

Ⓥ 2 Ⓢ 2 Ⓢ B



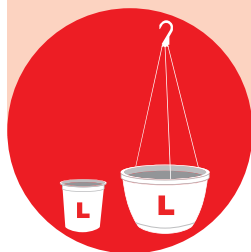
Orange

Ⓥ 3 Ⓢ 2 Ⓢ A



Pure Yellow

Ⓥ 3 Ⓢ 2 Ⓢ B



LARGE POT & BASKET

MiniFamous® Double

Calibrachoa cultivars

Selecta One offers double calibrachoa in a great assortment of colors. Early-to-flower, semi-trailing and medium vigor. Ideal for basket and mixed container programs.

selecta ^{one}

NEW



Silver Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Silver Blue



Pink

Ⓥ 3 Ⓢ 2 Ⓜ B



Amethyst

Ⓥ 3 Ⓢ 2 Ⓜ A



Magenta

Ⓥ 3 Ⓢ 3 Ⓜ A



Pink Vein

Ⓥ 3 Ⓢ 2 Ⓜ B



Deep Yellow

Ⓥ 3 Ⓢ 2 Ⓜ A



Lemon

Ⓥ 3 Ⓢ 1 Ⓜ A



Apricot

Ⓥ 4 Ⓢ 2 Ⓜ A



Blue

Ⓥ 3 Ⓢ 3 Ⓜ A



Purple

Ⓥ 3 Ⓢ 1 Ⓜ A

Dalaya™ Dahlia

Dahlia hybrida

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.



Pink+Lemon (formerly Shari)

Ⓥ 4 Ⓢ 3 Ⓢ A



Pink+Lemon
(formerly Shari)



Pink+Rose Eye
(formerly Yogi)

Ⓥ 4 Ⓢ 3 Ⓢ A



Pink+Yellow Eye

Ⓥ 3 Ⓢ 3 Ⓢ A



Red+Yellow Eye

Ⓥ 4 Ⓢ 3 Ⓢ A



Red+White

Ⓥ 3 Ⓢ 3 Ⓢ A



Yellow+Red Eye (formerly Shiva)

Ⓥ 4 Ⓢ 3 Ⓢ A



Magenta+Purple
(formerly Raja)

Ⓥ 4 Ⓢ 3 Ⓢ A



Burgundy
(formerly Devi)

Ⓥ 4 Ⓢ 3 Ⓢ A



Yellow 18

Ⓥ 3 Ⓢ 3 Ⓢ A

Dahlietta[®] Dahlia

Dahlia pinnata

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



Marissa (Red & Yellow)



Emily (Light Pink)

Ⓥ 2 Ⓢ 1



Marissa (Red & Yellow)

Ⓥ 2 Ⓢ 2



Julia (Yellow)

Ⓥ 2 Ⓢ 1



Tessy (Scarlet)

Ⓥ 2 Ⓢ 1



Patty (Red)

Ⓥ 2 Ⓢ 1



Terry (Burnt Orange)

Ⓥ 2 Ⓢ 2



Leanne
(Deep Burgundy)

Ⓥ 2 Ⓢ 2



Rachel (Orange)

Ⓥ 2 Ⓢ 1



Lily (Salmon)

Ⓥ 2 Ⓢ 1



Coby (Yellow & Orange)

Ⓥ 2 Ⓢ 1



Vicky (Lemon-Yellow)

Ⓥ 2 Ⓢ 1



Blanca (White)

Ⓥ 2 Ⓢ 1

Calynopsis™ Calceolaria

Calceolaria hybrida

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.



Yellow With Red

selecta^{one}



Orange

Ⓥ 2 Ⓢ 2 Ⓢ C



Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ C



Red

Ⓥ 2 Ⓢ 2 Ⓢ C



Orange Red Eye

Ⓥ 2 Ⓢ 2 Ⓢ C



Yellow With Red

Ⓥ 2 Ⓢ 2 Ⓢ C



Yellow

Ⓥ 2 Ⓢ 2 Ⓢ C

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.

HD



Pink

Ⓥ 3 Ⓢ 1 Ⓜ B



Dark Red

Ⓥ 3 Ⓢ 1 Ⓜ B



Dark Orange

Ⓥ 3 Ⓢ 1 Ⓜ B



Dark Salmon

Ⓥ 3 Ⓢ 1 Ⓜ B



Denim Blue

Ⓥ 3 Ⓢ 2 Ⓜ B



White

Ⓥ 3 Ⓢ 1 Ⓜ B



Appleblossom

Ⓥ 3 Ⓢ 1 Ⓜ B

Early Blue Convolvulus

Convolvulus sabatius

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



Early Blue Convolvulus

Ⓥ 2 Ⓢ 2 Ⓢ A

Prime White Convolvulus

Convolvulus sabatius

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



Prime White Convolvulus

Ⓥ 2 Ⓢ 2 Ⓢ A

NEW Cuphea

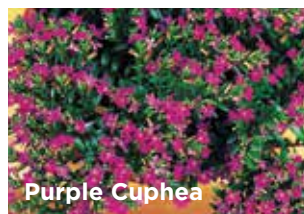
Cuphea hyssopifolia

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



White Cuphea

Ⓥ 2 Ⓢ 2 Ⓢ A



Purple Cuphea

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink Cuphea

Ⓥ 2 Ⓢ 2 Ⓢ A

LoreenTM 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.



Loreen Compact White Euphorbia

Ⓥ 2 Ⓢ 2 Ⓢ A



Loreen White Euphorbia

Ⓥ 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.



Bellinto Red+Blue

Ⓥ 3 Ⓢ 2 Ⓢ B



Bellinto Red+White

Ⓥ 3 Ⓢ 2 Ⓢ B

Bellinto™ Compact Fuchsia

Fuchsia cultivars

Compact, upright version of Bellinto is perfect for small pots.

HD



Bellinto Compact
Red+Violet

Ⓥ 2 Ⓢ 2 Ⓢ B



Bellinto Compact
Red+White

Ⓥ 2 Ⓢ 2 Ⓢ B

Geranium

Selecta One's offerings include several series of zonal and ivy geraniums. Enter Marcada™, a new interspecific geranium that boasts superior flower retention and thrives in heat. Selecta One is utilizing leading European genetics from a consistent, reliable production farm in Kenya.

**Royal
Lavender
Ivy Geranium**



**Moonlight
Lavender
Zonal Geranium**



**NEW
Sunrise
Light Salmon
Zonal Geranium**



NEW
Marcada
Magenta
Interspecific Geranium



SMALL POT

Moonlight™ Zonal
(Dark Green Leaf)
PAGE 56



MEDIUM POT

Sunrise™ Zonal
(Green Leaf)
PAGE 58



MEDIUM POT & BASKET



Marcada™ Interspecific
PAGE 60

Royal™ Ivy
PAGE 62



LARGE BASKET

Glacier White Ivy
PAGE 64

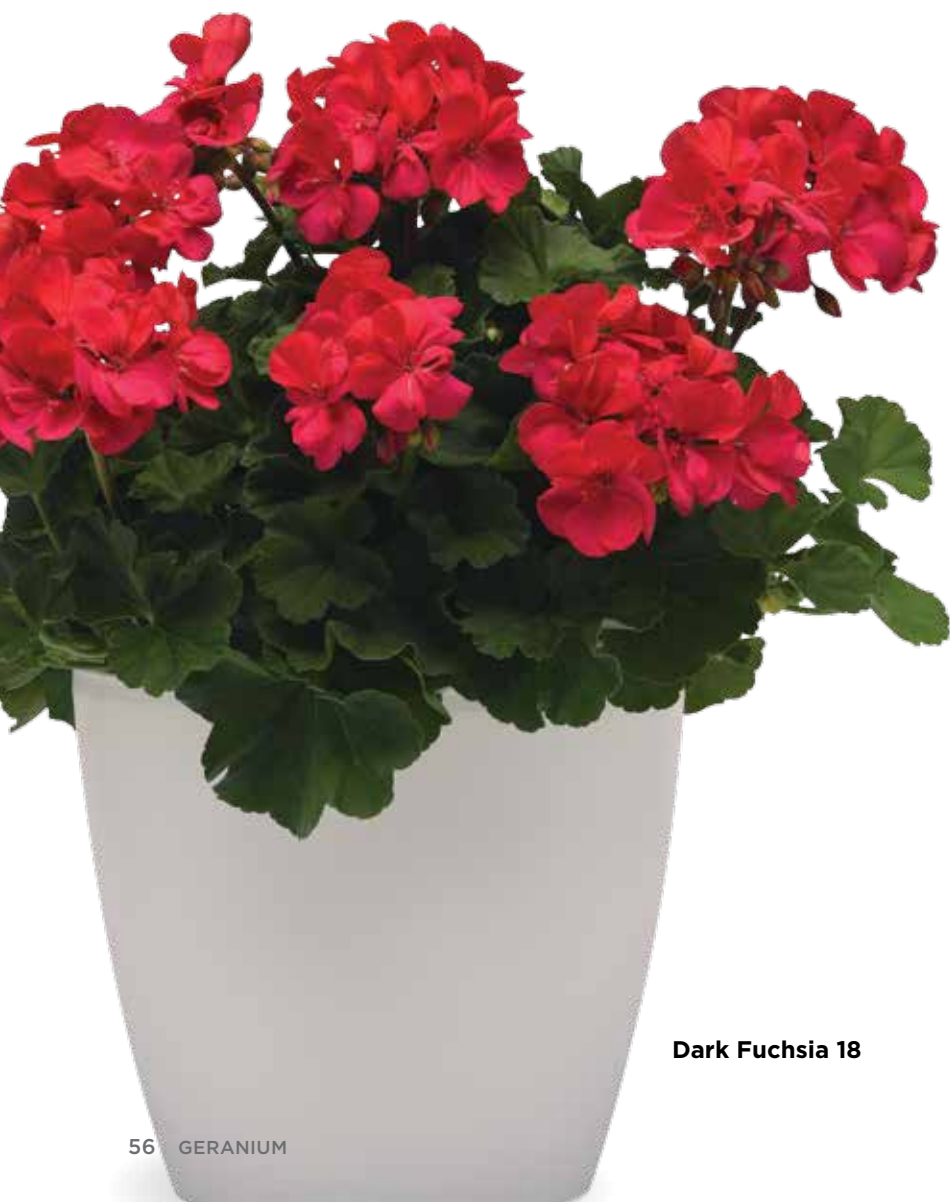


SMALL POT

Moonlight™ Zonal Geranium (Dark Green Leaf)

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. **For recommended replacements of last year's assortment, see page 137.**

NO
PINCH

Dark Fuchsia 18



Dark Red 18

Ⓥ 3 Ⓢ 2 Ⓢ B



Pink 18

Ⓥ 3 Ⓢ 2 Ⓢ A



Dark Fuchsia 18

Ⓥ 3 Ⓢ 2 Ⓢ B



NEW

Light Pink+Eye

Ⓥ 2 Ⓢ 2 Ⓢ B



NEW

Coral

Ⓥ 2 Ⓢ 2 Ⓢ B



NEW

White 18

Ⓥ 3 Ⓢ 2 Ⓢ A



NEW

Brilliant Red 18

Ⓥ 3 Ⓢ 2 Ⓢ B



NEW

Scarlet Red

Ⓥ 2 Ⓢ 2 Ⓢ B



Pink+Eye

Ⓥ 3 Ⓢ 2 Ⓢ B



NEW

Red

Ⓥ 3 Ⓢ 2 Ⓢ B



NEW

Light Salmon 18

Ⓥ 2 Ⓢ 2 Ⓢ B



NEW

Cranberry Blush

Ⓥ 3 Ⓢ 2 Ⓢ A



Lavender

Ⓥ 2 Ⓢ 3 Ⓢ A



Raspberry Blush

Ⓥ 3 Ⓢ 2 Ⓢ B



NEW

Violet 18

Ⓥ 4 Ⓢ 2 Ⓢ A



MEDIUM POT

Sunrise™ Zonal Geranium (Green Leaf)

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.

For recommended replacements of last year's assortment, see page 137.

NO
PINCH

Orange 18

selecta^{one}

Bright Red 18

V 3 S 2 W A



Pink+Big Eye

V 2 S 2 W B



Orange 18

V 3 S 2 W B



Brilliant Red

V 1 S 2 W B



Light Salmon

V 3 S 2 W B



Light Pink

V 3 S 2 W B



NEW

Pink+Red Eye

V 3 S 2 W B



NEW

Hot Rose+Eye

V 3 S 2 W B



NEW

Bright Lilac 18

V 2 S 2 W A



NEW

Salmon 18

V 3 S 2 W A



NEW

Bright Scarlet 18

V 2 S 2 W A



NEW

Raspberry Eye

V 3 S 2 W B



Fuchsia

V 3 S 2 W B



NEW

Salmon+Red Eye

V 2 S 2 W B



NEW

Lavender+Red Eye

V 2 S 2 W B



NEW

Violet

V 4 S 1 W B



NEW

White 18

V 3 S 2 W B



MEDIUM POT & BASKET

NEW

Marcada™ Interspecific Geranium

*Pelargonium cultivars*selecta^{one}

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.

**Magenta**



Pink

Ⓥ 4 ⌚ 1 🌀 A



Magenta, Pink and Dark Red



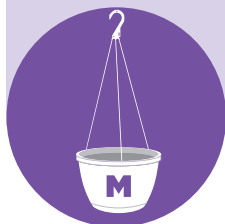
Magenta

Ⓥ 4 ⌚ 1 🌀 A



Dark Red

Ⓥ 4 ⌚ 1 🌀 A



MEDIUM BASKET

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.

For recommended replacements of last year's assortment, see page 137.

NO
PINCH

Lavender

selecta^{one}

NEW

Light Pink 18

V 3 2 B



Scarlet Red

V 3 2 A



NEW

Blue

V 3 2 B



Pink 18

Ⓥ 3 Ⓢ 2 Ⓢ B



Brilliant Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Sweet Candy

Ⓥ 3 Ⓢ 2 Ⓢ B



Dark Red 18

Ⓥ 4 Ⓢ 2 Ⓢ B



Amethyst

Ⓥ 3 Ⓢ 2 Ⓢ B



Dark Burgundy 18

Ⓥ 3 Ⓢ 2 Ⓢ B



Salmon 18

Ⓥ 3 Ⓢ 2 Ⓢ B



Purple Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Lavender

Ⓥ 3 Ⓢ 2 Ⓢ B



Candy Cane®

Ⓥ 2 Ⓢ 2 Ⓢ B



White

Ⓥ 3 Ⓢ 2 Ⓢ B



LARGE BASKET

NEW

Glacier White Ivy Geranium

*Pelargonium peltatum*selecta^{one}

Popular Glacier White is back in our lineup! This single-flowered ivy geranium offers unmatched performance in baskets and window boxes.



Glacier White

Ⓥ 4 Ⓢ 2 Ⓢ B

NEW 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.



Variegata Glechoma

Ⓥ 5 ☼ 3 🌀 B

NEW 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.



Goldilocks Lysimachia

Ⓥ 3 🌀 A

MarinoTM Heliotrope

Heliotropium arborescens

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



Marino Blue Heliotrope

Ⓥ 2 ☼ 1 🌀 A



Marino White Heliotrope

Ⓥ 2 ☼ 2 🌀 A

NEW 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 solid and bicolors. Flower size and timing are the result of a specific culture regime at the production farm. Best for small containers.



Red Flame



Red Flame

Ⓥ 2 Ⓢ 1 Ⓢ B



Lavender

Ⓥ 2 Ⓢ 1 Ⓢ B



White

Ⓥ 2 Ⓢ 1 Ⓢ B



Dark Red

Ⓥ 2 Ⓢ 1 Ⓢ B



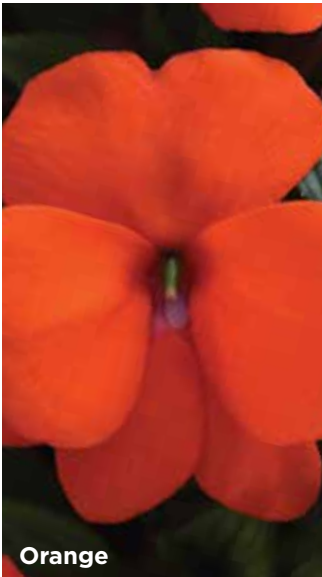
Salmon+Eye

Ⓥ 3 Ⓢ 1 Ⓢ B



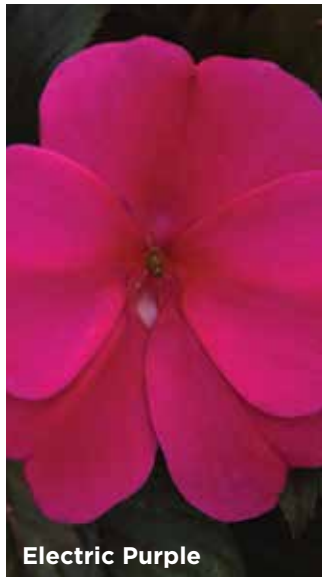
Salmon

Ⓥ 3 Ⓢ 1 Ⓢ B



Orange

Ⓥ 3 Ⓢ 1 Ⓢ B



Electric Purple

Ⓥ 3 Ⓢ 1 Ⓢ B



Purple Blue

Ⓥ 3 Ⓢ 1 Ⓢ B



Violet

Ⓥ 3 Ⓢ 1 Ⓢ B



White Red Flame

Ⓥ 2 Ⓢ 1 Ⓢ B



White Pink Eye

Ⓥ 3 Ⓢ 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.

NO
PINCH

Orchid

V 2 S 2 W B



Red Flame

V 3 S 3 W B



Dark Pink Flame

V 3 S 2 W B



Salmon Pink

V 3 S 2 W A



Magenta Frost

V 2 S 2 W B



Cerise Frost

V 2 S 2 W B



Coral Flame

V 3 S 2 W B



Purple Blue

V 2 S 2 W B



Orange Flame

V 3 S 3 W B



Salmon+Eye

V 2 S 2 W B



Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ B



Appleblossom

Ⓥ 3 Ⓢ 2 Ⓢ B



Dark Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



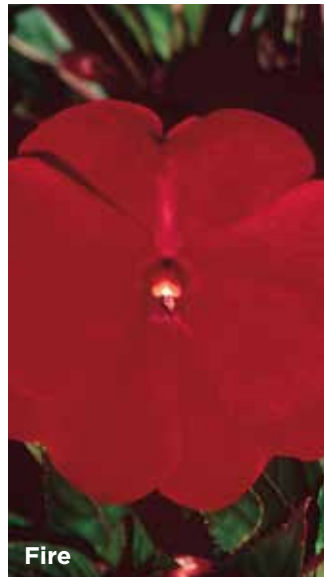
White Red Flame

Ⓥ 3 Ⓢ 2 Ⓢ B



Rose

Ⓥ 3 Ⓢ 2 Ⓢ B



Fire

Ⓥ 3 Ⓢ 2 Ⓢ B



Bright Orange+Eye

Ⓥ 2 Ⓢ 2 Ⓢ B



Orange

Ⓥ 3 Ⓢ 2 Ⓢ B



Orchid Flame

Ⓥ 2 Ⓢ 2 Ⓢ B



Lavender Flame

Ⓥ 3 Ⓢ 3 Ⓢ B



Violet

Ⓥ 3 Ⓢ 2 Ⓢ B



Light Pink+Eye

Ⓥ 2 Ⓢ 2 Ⓢ B



White

Ⓥ 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.



Cherry

V 3 S 2 M A



Pink Flame

V 3 S 2 M A



Violet

V 3 S 2 M A



White

V 3 S 2 M A May blush under cooler temperatures.



Bright Coral

V 3 S 2 M A

Big Bounce™ Interspecific Impatiens

Impatiens hawkeri

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



Violet

V 4 S 2 W A



Red

V 4 S 2 W A



Lilac

V 4 S 2 W A



NEW

Lavender Flame

V 4 S 2 W A



Lavender

V 4 S 2 W A



Pink

V 4 S 2 W A



Cherry

V 4 S 2 W A



White

V 4 S 2 W A

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 at the right to choose the best plant and pot for growing at the prime market time.



**Magadi
Compact
Blue**

**Magadi
Basket
White**



SMALL POT

**Magadi
Compact**
PAGE 74



MEDIUM POT & BASKET

Magadi
PAGE 76



LARGE BASKET

Magadi Basket
PAGE 75



**Magadi
Electric Purple**



SMALL POT

Magadi™ Compact

Lobelia cultivars

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

HD

**Compact Blue+Eye**

V 2 2 B

**Compact Blue**

V 2 2 B

**Compact Blue****Compact Dark Blue**

V 2 2 A

**Compact Purple**

V 2 2 B

**Compact Lavender**

V 2 2 B

**Compact White**

V 2 2 B



LARGE BASKET

Magadi™ Basket

Lobelia cultivars

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

**Basket White****Basket Dark Blue**

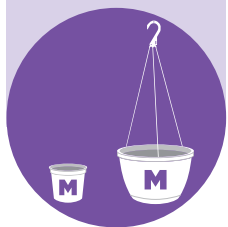
Ⓥ 4 Ⓢ 2 Ⓢ B

**Basket Dark Purple**

Ⓥ 4 Ⓢ 2 Ⓢ B

**Basket White**

Ⓥ 3 Ⓢ 3 Ⓢ B



MEDIUM POT & BASKET

Magadi™

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.



selecta one



Blue

Ⓥ 3 ⌚ 3 Ⓢ A

Blue





Electric Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Indigo Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Dark Blue

Ⓥ 3 Ⓢ 2 Ⓢ A



Electric Purple

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 2 Ⓢ A

NEW Dundee Mandevilla

Mandevilla sanderi

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

NO
PINCH



Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



Red

Ⓥ 4 Ⓢ 2 Ⓢ A



Red

Lara™ Nierembergia

Nierembergia caerulea

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



Dark Blue

Ⓥ 3 ⌚ 2 🌀 A



White

Ⓥ 2 ⌚ 3 🌀 A

NEW Daisy Falls™ Osteospermum

Osteospermum ecklonis

Perfect for early-Spring baskets! New 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 shipability and shelf life at retail.



Trixi Daisy Falls

featuring

NEW Daisy Falls™ Pink

NEW Daisy Falls™ Purple

NEW Daisy Falls™ White Amethyst

See page 2 for Trixi mixes.



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 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.



Sunburst

Ⓥ 2 Ⓢ 2 Ⓢ B



Berry White



Berry White

Ⓥ 2 Ⓢ 2 Ⓢ B



Purple 18

Ⓥ 2 Ⓢ 2 Ⓜ B



Silver

Ⓥ 2 Ⓢ 2 Ⓜ B



Lemon Ice

Ⓥ 2 Ⓢ 2 Ⓜ B



Pink

Ⓥ 2 Ⓢ 2 Ⓜ B



Dark Violet+White

Ⓥ 2 Ⓢ 2 Ⓜ B



Violet Ice

Ⓥ 2 Ⓢ 2 Ⓜ B

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 – see page 136.



Pure Yellow

Ⓥ 3 Ⓢ 2 Ⓢ A

Pure Yellow





Lavender+Purple Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 3 Ⓢ C



Magic Orange

Ⓥ 3 Ⓢ 2 Ⓢ B



Apricot Pink

Ⓥ 3 Ⓢ 3 Ⓢ C



Shadow Yellow

Ⓥ 3 Ⓢ 3 Ⓢ C



Blue Denim

Ⓥ 2 Ⓢ 2 Ⓢ B



Copper Amethyst

Ⓥ 3 Ⓢ 1 Ⓢ C

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 – see page 136.



Pink

Ⓥ 3 ⌚ 2 Ⓢ B



Pink+Eye



Pink+Eye

Ⓥ 3 ⌚ 2 Ⓢ B



Lavender+Eye

Ⓥ 3 Ⓢ 2 Ⓢ B



Lavender Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Violet

Ⓥ 3 Ⓢ 2 Ⓢ C



Purple Red

Ⓥ 4 Ⓢ 2 Ⓢ C



Dark Purple

Ⓥ 3 Ⓢ 2 Ⓢ B



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 – see page 136.



Spider Purple

Ⓥ 3 ⌚ 2 🌀 B



Spider Pink

Ⓥ 2 ⌚ 1 🌀 B



Spider White

Ⓥ 2 ⌚ 1 🌀 B

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 – see page 136.

HD



Compact Light Pink

Ⓥ 2 Ⓢ 1 Ⓢ B



Compact Silver Purple

Ⓥ 2 Ⓢ 2 Ⓢ B



Compact Yellow

Ⓥ 2 Ⓢ 2 Ⓢ C



Compact White

Ⓥ 2 Ⓢ 1 Ⓢ C

Petunia

Selecta One has the best collection of petunia colors, habits and flower forms. Check out the new Main Stage™ petunia series. Its vigor and eye-catching colors will boost retail sales of large hanging baskets. Let us help you grow your petunia program!

NEW
Main Stage
Pink



**Headliner
Night Sky**



NEW
**Headliner
Banana Cherry Swirl**



SelectaNorthAmerica.com or 800 879-2255



SMALL POT & BASKET

Starlet™
PAGE 92



MEDIUM POT & BASKET

Headliner™
PAGE 94



LARGE POT & BASKET

NEW Main Stage™
PAGE 98



NOVELTY

SweetSunshine™
PAGE 100

**Starlet
Salmon Red Vein**





SMALL POT & BASKET

Starlet™

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.

HD

NO
PINCH

Salmon Red Vein

selecta^{one}

Dark Pink

V 2 S 2 B



Magenta

V 2 S 2 B



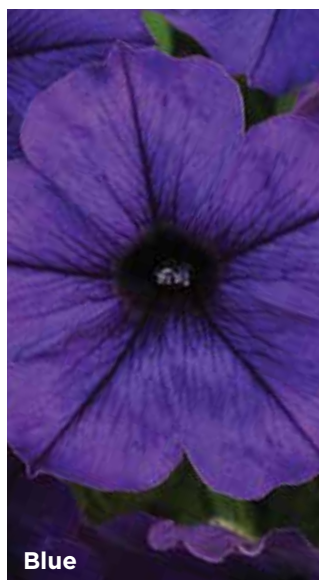
Salmon Red Vein

V 2 S 2 B



Red

V 2 S 2 B



Blue

V 2 S 1 B



Light Blue

V 2 S 2 B



Carmine Star

Ⓥ 2 Ⓢ 2 Ⓜ B



Burgundy

Ⓥ 2 Ⓢ 2 Ⓜ B



Salmon 18

Ⓥ 2 Ⓢ 2 Ⓜ B



Pink Lemonade

Ⓥ 2 Ⓢ 2 Ⓜ B



Orange

Ⓥ 2 Ⓢ 2 Ⓜ B



Yellow

Ⓥ 2 Ⓢ 2 Ⓜ B



Lavender Star

Ⓥ 2 Ⓢ 2 Ⓜ B



Purple Star

Ⓥ 1 Ⓢ 1 Ⓜ B



White

Ⓥ 2 Ⓢ 1 Ⓜ B



Velvet

Ⓥ 1 Ⓢ 2 Ⓜ B



MEDIUM POT & BASKET

Headliner™

Petunia cultivars

selecta one

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!



NEW

Pink Sky

Ⓥ 2 Ⓢ 2 Ⓢ B





Night Sky

Ⓥ 4 ⌚ 2 🌀 B



Boldly goes where no petunia has gone before...

Light years from usual! Night Sky has become No. 1! This top-seller matches Headliner in habit, timing and vigor. NEW Pink Sky shows a galaxy of white on shocking pink blooms. For best results, find culture recommendations at SelectaNorthAmerica.com.

Headliner™ continued on page 96



Raspberry Swirl

Ⓥ 3 ⌚ 2 🌀 B



Blueberry Swirl

Ⓥ 3 ⌚ 2 🌀 B



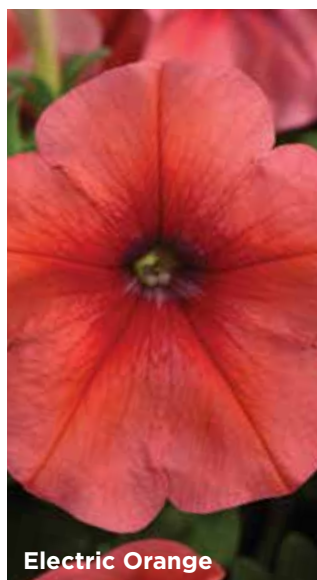
Banana Cherry Swirl

Ⓥ 3 ⌚ 2 🌀 B

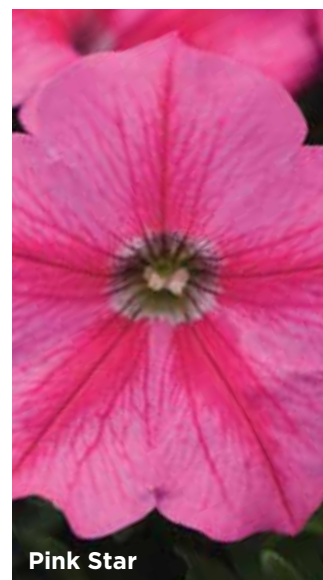
Headliner™ continued

selecta^{one}

Ⓥ 3 Ⓢ 2 Ⓢ B



Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



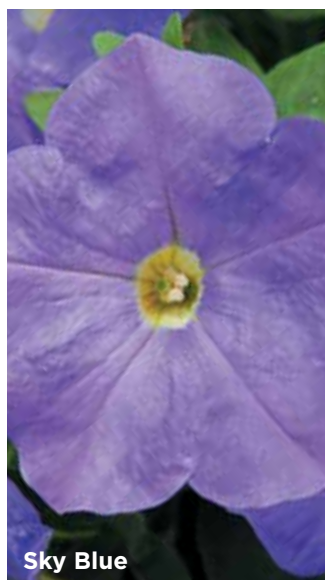
Ⓥ 4 Ⓢ 2 Ⓢ A



Ⓥ 3 Ⓢ 3 Ⓢ B



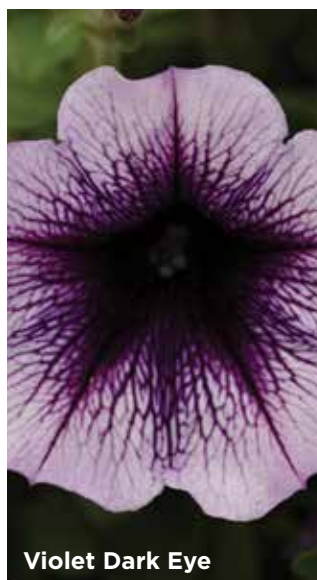
Ⓥ 3 Ⓢ 3 Ⓢ B



Ⓥ 3 Ⓢ 3 Ⓢ B



Ⓥ 2 Ⓢ 2 Ⓢ B



Ⓥ 3 Ⓢ 1 Ⓢ B



Ⓥ 3 Ⓢ 2 Ⓢ B



Pink Vein

Ⓥ 3 Ⓢ 2 Ⓢ B



Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Lipstick

Ⓥ 2 Ⓢ 2 Ⓢ B



Lemon

Ⓥ 2 Ⓢ 1 Ⓢ B



Blue

Ⓥ 2 Ⓢ 2 Ⓢ B



White Rose Vein

Ⓥ 3 Ⓢ 2 Ⓢ B

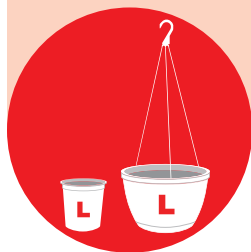


White

Ⓥ 3 Ⓢ 2 Ⓢ B



Lipstick



LARGE POT & BASKET

NEW Main Stage™
Petunia cultivars

selecta^{one}

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.



Pink

Ⓥ 4 Ⓢ 2 Ⓢ A



Pink



Pink Vein

Ⓥ 4 Ⓢ 1 Ⓢ A



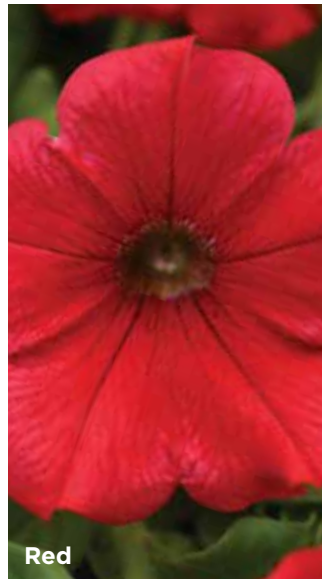
Hot Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



Purple

Ⓥ 5 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Violet Picotee

Ⓥ 5 Ⓢ 2 Ⓢ A



Blueberry

Ⓥ 4 Ⓢ 2 Ⓢ A



Light Blue

Ⓥ 4 Ⓢ 3 Ⓢ A



Violet

Ⓥ 4 Ⓢ 2 Ⓢ A



White

Ⓥ 4 Ⓢ 3 Ⓢ A



NOVELTY

SweetSunshine™

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.

selecta one



Light Pink

Ⓥ 3 Ⓢ 2 Ⓢ B



Light Pink



Hot Pink

Ⓥ 4 Ⓢ 3 Ⓢ B



Magenta

Ⓥ 3 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 4 Ⓢ B



Burgundy

Ⓥ 2 Ⓢ 2 Ⓢ B



Provence

Ⓥ 2 Ⓢ 2 Ⓢ B



Violet Vein

Ⓥ 3 Ⓢ 3 Ⓢ B



Purple Picotee

Ⓥ 4 Ⓢ 3 Ⓢ B

Gisele™

Phlox cultivars

Bred for reliable rooting, heat tolerance and large, attractive flower clusters. Trialed all over North America, Gisele is a top performer across all areas. Great in gardens, continuously producing colorful blooms.



Pink



Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



Hot Pink



Light Pink

Ⓥ 2 Ⓢ 2 Ⓜ A



Hot Pink

Ⓥ 3 Ⓢ 2 Ⓜ A



Light Violet

Ⓥ 3 Ⓢ 2 Ⓜ A



White

Ⓥ 2 Ⓢ 2 Ⓜ A

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.



Raspberry Lemonade

Ⓥ 3 Ⓢ 2 Ⓢ A



Scarlet

Ⓥ 3 Ⓢ 2 Ⓢ A



Magenta

Ⓥ 4 Ⓢ 3 Ⓢ A



Yellow

Ⓥ 3 Ⓢ 2 Ⓢ A



Orange

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 4 Ⓢ 3 Ⓢ A

Fairy™ Scaevola

Scaevola aemula

Well-branched, trailing plants have outstanding outdoor performance.



Trixi Fairy
featuring
Fairy Blue, Pink and
White Scaevola.
See page 2 for
more Trixi mixes.



Fairy Pink Scaevola

Ⓥ 4 Ⓢ 3 Ⓢ A



Fairy Blue Scaevola

Ⓥ 3 Ⓢ 3 Ⓢ A



Fairy White Scaevola

Ⓥ 4 Ⓢ 3 Ⓢ 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.



Tsavo Compact Yellow Sanvitalia

Ⓥ 2 Ⓢ 2 Ⓢ B

Verbena

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

Blues Series

Shown: Trixi Blues

Lascar Series

Shown: NEW Trixi
Royal Castle





SMALL POT

Pops™
PAGE 108



MEDIUM POT & BASKET

Lascar™
PAGE 110



LARGE BASKET

Blues™
PAGE 112



NOVELTY

BeBop™
PAGE 114

**Pops
Pink+Eye
Verbena**





SMALL POT

PopsTM

Verbena cultivars

selecta^{one}

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.

HD

**Pink+Eye**



Pink+Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Pink+Red Eye

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



Salmon+Red Eye

Ⓥ 2 Ⓢ 1 Ⓢ A



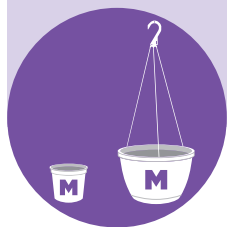
Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 2 Ⓢ A



MEDIUM POT & BASKET

Lascar™

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.



Salmon

selecta^{one}

NEW



Salmon

V 2 C 2 W A



Magenta

V 3 C 2 W A



Dark Blue

V 3 C 2 W A



Hot Rose

Ⓥ 2 Ⓢ 3 Ⓢ B



Dark Pink

Ⓥ 3 Ⓢ 2 Ⓢ A



Mango Orange

Ⓥ 3 Ⓢ 2 Ⓢ A



Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Red Rose

Ⓥ 3 Ⓢ 2 Ⓢ A



Dark Violet

Ⓥ 3 Ⓢ 2 Ⓢ A



Burgundy

Ⓥ 2 Ⓢ 2 Ⓢ A



Black Velvet

Ⓥ 3 Ⓢ 2 Ⓢ A



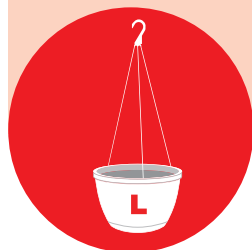
Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 3 Ⓢ B



LARGE BASKET

Blues™

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.


selecta ^{one}


Light Pink+Eye

V 3 ⌚ 2 🌀 A

NEW Trixi Perfect Storm

featuring
MiniFamous® Neo Violet+Eye Calibrachoa,
Starlet™ Red Petunia and
Blues™ Lavender+Eye Verbena.
See page 2 for more Trixi mixes.



Lavender+Eye

V 2 ⌚ 1 🌀 A



Neon

Ⓥ 2 Ⓢ 1 Ⓢ A



Violet+Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Red

Ⓥ 3 Ⓢ 2 Ⓢ A



Rose+Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



Dark Violet

Ⓥ 3 Ⓢ 2 Ⓢ A



Purple+Eye

Ⓥ 3 Ⓢ 2 Ⓢ A



White

Ⓥ 3 Ⓢ 2 Ⓢ A



Magenta+Eye

Ⓥ 3 Ⓢ 2 Ⓢ A

N

BeBop™

*Verbena cultivars*NOVELTY
MEDIUM POT & BASKET

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.



Pink

V 2 S 2 W A

Trixi Starlight Starbright

featuring
MiniFamous Compact Blue Calibrachoa,
Starlet Lavender Star Petunia and
BeBop Lavender Verbena.
See page 2 for more Trixi mixes.



Lavender

V 2 S 2 W A

Perennials

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LAVENDER

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NEW Sweet Dreams 130

Dianthus

Look to Selecta One for the best varieties of dianthus to impress your 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, for culture and scheduling information.



**Everlast
Dark Pink
Dianthus**

**Dianthalot
Dark Red+Star
Dianthus**

**SuperTrouper
Magenta+White
Pot Carnation**

POT CARNATION



SMALL POT

Pink Kisses™

PAGE 118

Oscar®

PAGE 119



MEDIUM POT

SuperTrouper™

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HARDY DIANTHUS



MEDIUM POT

EverLast™
(Upright) Dianthus

PAGE 122

Dianthalot™
(Spreading) Dianthus

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**Oscar
Cherry+Velvet
Pot Carnation**

**Pink Kisses
Pot Carnation**



SMALL POT

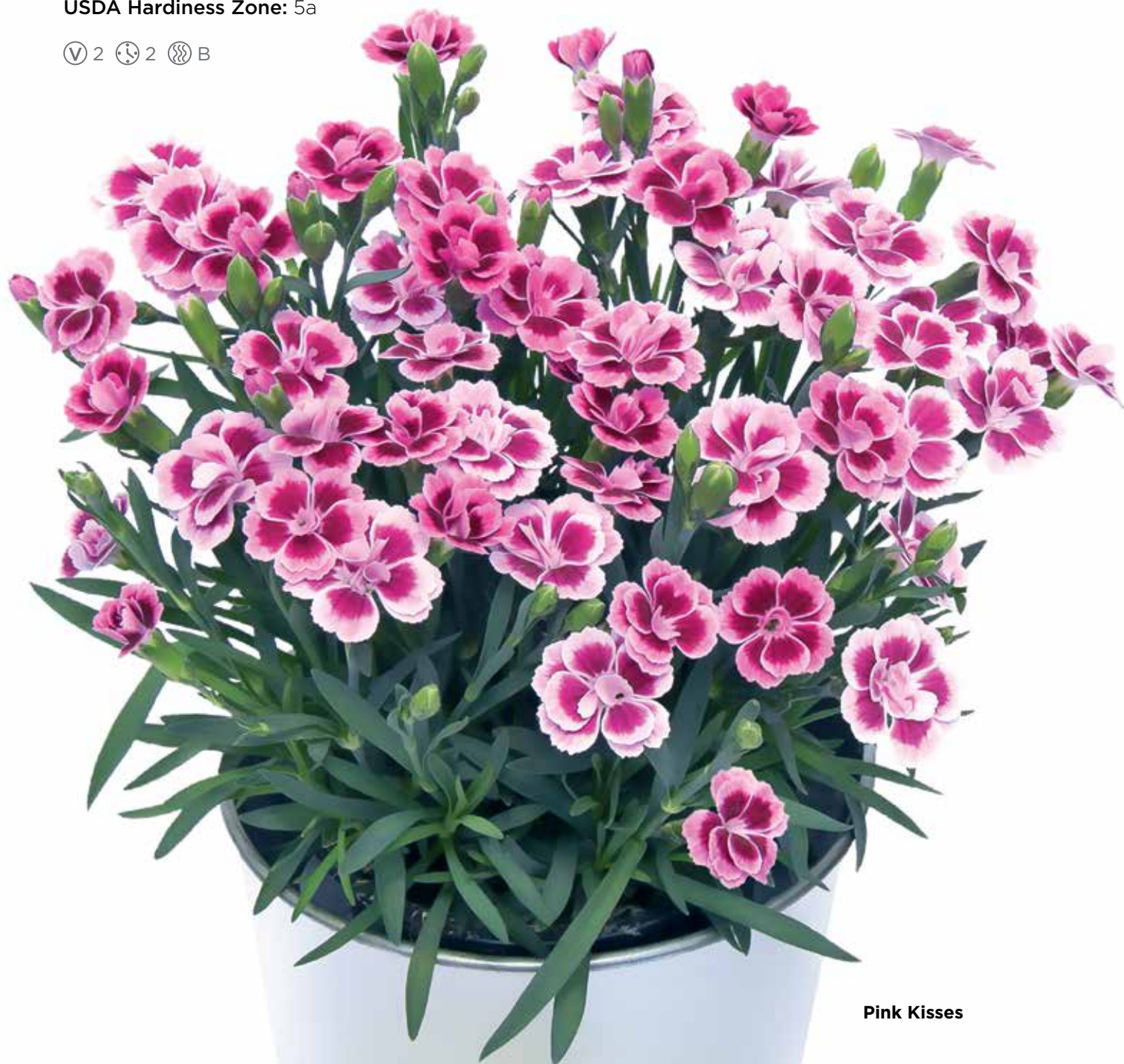
Pink Kisses™ Pot Carnation

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.

USDA Hardiness Zone: 5a

☑ 2 ☑ 2 ☑ B



Pink Kisses



SMALL POT

Oscar[®] Pot Carnation

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.

USDA Hardiness Zone: 6a



Pink

Ⓥ 2 Ⓢ 2 Ⓢ B



Pink+Purple

Ⓥ 2 Ⓢ 2 Ⓢ B



Cherry+Velvet

Ⓥ 2 Ⓢ 2 Ⓢ B



Dark Red

Ⓥ 2 Ⓢ 2 Ⓢ B



Scarlet

Ⓥ 2 Ⓢ 2 Ⓢ B



Salmon

Ⓥ 2 Ⓢ 2 Ⓢ B



Salmon+White

Ⓥ 2 Ⓢ 2 Ⓢ B



Purple Star

Ⓥ 2 Ⓢ 2 Ⓢ B



MEDIUM POT

SuperTrouper™ Pot Carnation

Dianthus caryophyllus

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

USDA Hardiness Zone: 6a



Magenta+White

selecta one



Silver Pink

Ⓥ 4 Ⓢ 2 Ⓢ B



Velvet Red

Ⓥ 3 Ⓢ 2 Ⓢ B



Magenta+White

Ⓥ 4 Ⓢ 2 Ⓢ B



Pink+White

Ⓥ 3 Ⓢ 2 Ⓜ B



Orange

Ⓥ 3 Ⓢ 3 Ⓜ B



Scarlet

Ⓥ 3 Ⓢ 3 Ⓜ B



Butterfly Dark Red

Ⓥ 3 Ⓢ 2 Ⓜ B



Red+White

Ⓥ 3 Ⓢ 2 Ⓜ B



Velvet+White

Ⓥ 3 Ⓢ 2 Ⓜ B



Purple

Ⓥ 3 Ⓢ 2 Ⓜ B



Lilac on Purple

Ⓥ 3 Ⓢ 2 Ⓜ B



Lavender+White

Ⓥ 3 Ⓢ 2 Ⓜ B



White

Ⓥ 3 Ⓢ 2 Ⓜ B



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.

USDA Hardiness Zone: 5a

selecta one



Ⓥ 3 Ⓢ 2 Ⓢ B



Orchid



Lavender+Eye

Ⓥ 3 Ⓢ 2 Ⓜ B



Orchid

Ⓥ 3 Ⓢ 2 Ⓜ B



Burgundy Blush

Ⓥ 3 Ⓢ 3 Ⓜ B



Lilac+Eye

Ⓥ 2 Ⓢ 2 Ⓜ B



Raspberry Cream

Ⓥ 3 Ⓢ 2 Ⓜ B



Dark Pink

Ⓥ 3 Ⓢ 1 Ⓜ B



White+Eye

Ⓥ 2 Ⓢ 2 Ⓜ B



Red+Pink

Ⓥ 3 Ⓢ 2 Ⓜ B



MEDIUM POT

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.

USDA Hardiness Zone: 5a

selecta one



Pink+Star



Pink+Star and
Dark Red+Star

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink+Star



Dark Red+Star

Ⓥ 2 Ⓢ 2 Ⓢ A



Dark Red+Star

NEW 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.

USDA Hardiness Zone: 5b



Orange+Eye

Ⓥ 2 Ⓢ 2 Ⓢ A



Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



Magenta

Ⓥ 2 Ⓢ 2 Ⓢ A



Hot Pink

Ⓥ 2 Ⓢ 2 Ⓢ A



White

Ⓥ 2 Ⓢ 2 Ⓢ A

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.

USDA Hardiness Zone: 6a



Compact Light Pink

Ⓥ 2 Ⓢ 1 Ⓢ B



Dark Pink

Ⓥ 4 Ⓢ 2 Ⓢ A



White

Ⓥ 3 Ⓢ 2 Ⓢ A

Calm Breeze Lavender

Lavandula dentata

This stand-up species is bought for its foliage. Highly fragrant and heavily textured, easy-to-grow lavender can be sold as a tender perennial or as part of an herb collection. Well-branched with medium vigor.

USDA Hardiness Zone: 6a

☐ 3 ☐ 3 ☐ A



Calm Breeze

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.

USDA Hardiness Zone: 7a



Compact Dark Pink

Ⓥ 2 Ⓢ 2 Ⓢ B



Compact Dark Violet

Ⓥ 2 Ⓢ 2 Ⓢ B



Dark Violet

Ⓥ 3 Ⓢ 2 Ⓢ B



Compact White

Ⓥ 3 Ⓢ 1 Ⓢ B

NEW Sweet Dreams Lavender

Lavandula angustifolia

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

USDA Hardiness Zone: 5a



Blue

Ⓥ 3 Ⓢ 2 Ⓢ A

130 LAVENDER



Lavender

Ⓥ 4 Ⓢ 2 Ⓢ A

SelectaNorthAmerica.com or 800 879-2255

Herbs

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Herbs

New from Selecta One: 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.





Greek Columnar
Ocimum basilicum



Italian
Origanum vulgare



Compactum
Origanum vulgare



Hot & Spicy
Origanum vulgare



Marjoram
Origanum vulgare



Tuscan Blue
Rosmarinus officinalis



Perigord
Rosmarinus officinalis



Spanish
Rosmarinus officinalis





Product Information

Product Forms

Selecta offers you a range of different product forms including unrooted cuttings and TrixiLiners. Groundbreaking products like our overwhelmingly successful Trixi program make Selecta'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 varieties are available as URC.

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



Callused cuttings

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

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



Rooted cuttings

Selecta varieties are available as rooted cuttings from Selecta licensed Root & Sell Stations. For a list of Root & Sell Stations, see 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 2 or go to SelectaNorthAmerica.com.

- Available from your preferred broker

Selecta Clean & Field-Tested Varieties

Every Selecta variety is rigorously tested before entering our program. Every program variety is subject to the same testing annually. Our Selecta Clean Stock program follows strict, internationally recognized protocols, and is based on 54 years of experience. Clean Stock starts in the Selecta clean stock facility in Stuttgart, Germany. The Selecta 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 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 2018

VARIETY	RECOMMENDED REPLACEMENT
Argyranthemum Madeira Crested Violet	Argyranthemum Madeira Deep Pink
Argyranthemum Madeira Double White	Argyranthemum Madeira White
Calceolaria Calynopsis Tiny Red	Calceolaria Calynopsis Red
Calibrachoa MiniFamous Dark Blue	Calibrachoa MiniFamous Neo Royal Blue
Calibrachoa MiniFamous Dark Pink+Eye	Calibrachoa MiniFamous Neo Pink Strike
Dahlia Dalaya Yellow	Dahlia Dalaya Yellow 18
Dahlia Dahlietta Alexia	Dahlia Dahlietta Marissa
Dahlia Dahlietta Betty	Dahlia Dahlietta Leanne
Dahlia Dahlietta Patricia	Dahlia Dahlietta Marissa
Dianthus EverLast Lavender Lace	Dianthus EverLast Burgundy Blush
Gentiana Luis Easy Blue	—
Geranium Royal Candy Red	Geranium Royal Candy Cane
Geranium Royal Dark Burgundy	Geranium Royal Dark Burgundy 18
Geranium Royal Dark Red	Geranium Royal Dark Red 18
Geranium Royal Dark Salmon	Geranium Royal Salmon 18
Geranium Royal Lavender Blue	Geranium Royal Lavender
Geranium Royal Light Pink	Geranium Royal Light Pink 18
Geranium Royal Pink	Geranium Royal Pink 18
Geranium Royal Salmon	Geranium Royal Salmon 18
Geranium Royal White+Red Eye	Geranium Royal White
Geranium Moonlight Brilliant Red	Geranium Moonlight Brilliant Red 18
Geranium Moonlight Dark Fuchsia	Geranium Moonlight Dark Fuchsia 18
Geranium Moonlight Dark Salmon	Geranium Moonlight Light Salmon 18
Geranium Moonlight Light Salmon	Geranium Moonlight Light Salmon 18
Geranium Moonlight Pink	Geranium Moonlight Pink 18
Geranium Moonlight Strawberry Blush	Geranium Moonlight Cranberry Blush
Geranium Moonlight Violet	Geranium Moonlight Violet 18
Geranium Moonlight White	Geranium Moonlight White 18
Geranium Sunrise Bright Lilac	Geranium Sunrise Bright Lilac 18
Geranium Sunrise Bright Red	Geranium Sunrise Bright Red 18
Geranium Sunrise Bright Scarlet	Geranium Sunrise Bright Scarlet 18
Geranium Sunrise Hot Pink	Geraniums Hot Rose+Eye
Geranium Sunrise Orange	Geranium Sunrise Orange 18
Geranium Sunrise Salmon	Geranium Sunrise Salmon 18
Geranium Sunrise XL Dark Salmon	Geranium Sunrise Salmon 18
Geranium Sunrise XL Orange	Geranium Sunrise Orange 18
Geranium Sunrise XL Purple Rose	Geranium Sunrise Hot Rose+Eye
Geranium Sunrise XL True Red	Geranium Sunrise Brilliant Red
Geranium Sunrise XL White	Geranium Sunrise White 18
Impatiens Interspecific Bounce Lilac	Impatiens Interspecific Bounce Violet
Impatiens New Guinea ColorPower Lavender	Impatiens New Guinea ColorPower Lavender Flame
Osteospermum 4D Purple	Osteospermum 4D Purple 18
Osteospermum 4D Yellow	Osteospermum 4D Sunburst
Petunia Famous Blue Velvet	Petunia Main Stage Violet
Petunia Famous Lilac Dark Vein	Petunia Main Stage Blueberry
Petunia Famous New White	Petunia Main Stage White
Petunia Famous Rose Star	Petunia Main Stage Pink Vein
Petunia Famous Apricot Sorbet	Petunia Main Stage Pink Vein
Petunia Famous Berry Sorbet	Petunia Main Stage Blueberry
Petunia Starlet Salmon	Petunia Starlet Salmon 18
Verbena Pops Dark Violet	Verbena Pops Pink
Trixi Blue Fashion	Trixi Fashion

Renamed Selecta One Varieties for 2018

VARIETY	NEW NAME
Calibrachoa Close Up	Calibrachoa MiniFamous Double Compact Close Up
Geranium Moonlight Dark Red	Geranium Moonlight Red
Geranium Sunrise Dark Red	Geranium Sunrise Bright Red 18
Geranium Sunrise XL Raspberry Eye	Geranium Sunrise Raspberry Eye
Petunia Night Sky	Petunia Headliner Night Sky
Petunia Famous Pink	Petunia Main Stage Pink
Petunia Famous Purple	Petunia Main Stage Purple
Petunia Famous Firestorm	Petunia Main Stage Red
Petunia Famous Violet Picotee	Petunia Main Stage Violet Picotee

Note: For current U.S. patent information, please refer to ballseed.com.

Important Plant Protection & Licensing Information

COMMERCIAL NAME	VARIETY NAME
Petunia (continued)	
Headliner™ Raspberry Star	KLEPH14267
Headliner™ Raspberry Swirl	KLEPH16334
Headliner™ Red	KLEPH14248
Headliner™ Red Star	KLEPH13232
Headliner™ Rose Star	KLEPH16321
Headliner™ Sky Blue	KLEPH14245
Headliner™ Violet Dark Eye	KLEPH12220
Headliner™ White	KLEPH14247
Headliner™ White Rose Vein	KLEPH12127
Headliner™ Yellow	KLEPH15261
Main Stage™ Blueberry	KLEPH14273
Main Stage™ Hot Pink	KLEPH11204
Main Stage™ Light Blue	KLECO2061
Main Stage™ Pink	KLEPH11202
Main Stage™ Pink Vein	KLEPH16274
Main Stage™ Purple	KLECO3033
Main Stage™ Red	KLEPH12216
Main Stage™ Violet	KLEPH17300
Main Stage™ Violet Picotee	KLEPH09189
Main Stage™ White	KLEPH12226
Starlet™ Blue	Balspunlu
Starlet™ Burgundy	Balspunburg
Starlet™ Carmine Star	Balspunrast
Starlet™ Dark Pink	KLEPH11199
Starlet™ Lavender Star	Balspunlar
Starlet™ Light Blue	KLEPH13228
Starlet™ Magenta	KLEPH15254
Starlet™ Orange	KLEPH13239
Starlet™ Pink Lemonade	KLEPH14251
Starlet™ Purple Star	Balspunurst
Starlet™ Red	KLEPH14255
Starlet™ Salmon 18	KLEPH17336
Starlet™ Salmon Red Vein	KLEPH14253
Starlet™ Velvet	Balspunvet
Starlet™ White	Balspunwhi
Starlet™ Yellow	KLEPH13238
SweetSunshine™ Burgundy	KLEPH09191
SweetSunshine™ Hot Pink	KLEPH06126
SweetSunshine™ Light Pink	KLEPH14241
SweetSunshine™ Magenta	KLEPH13234
SweetSunshine™ Provence	KLEPH13235
SweetSunshine™	
Purple Picotee	KLEPH14252
SweetSunshine™ Red	KLEPH07144
SweetSunshine™ Violet Vein	KLEPH14246
Phlox	
Gisele™ Hot Pink	KAZI14826
Gisele™ Light Pink	KAZI15789
Gisele™ Light Violet	KAZI14828
Gisele™ Pink	KAZI14750
Gisele™ White	KAZI14830
Portulaca	
PortoGrande™ Magenta	KLEPO12820
PortoGrande™ Orange	KLEPO14824
PortoGrande™ Raspberry	
Lemonade	KLEPO17022
PortoGrande™ Scarlet	KLEPO14822
PortoGrande™ White	KLEPO08641
PortoGrande™ Yellow	KLEPO14825
Sanvitalia	
Tsavo™ Compact Yellow	KLESP14002
Scaevola	
Fairy™ Blue	KLESC13594
Fairy™ Pink	KLESC13595
Fairy™ White	KLESC13596
Verbena	
BeBop™ Lavender	KLEVP13452
BeBop™ Pink	KLEVP13461
Blues™ Dark Violet	KLEVP15498
Blues™ Lavender+Eye	KLEVP12431
Blues™ Light Pink+Eye	KLEVP12430
Blues™ Magenta+Eye	KLEVP12428
Blues™ Neon	KLEVP13450
Blues™ Purple+Eye	KLEVP12427
Blues™ Red	KLEVP14490
Blues™ Rose+Eye	KLEVP12429
Blues™ Violet+Eye	KLEVP12449
Blues™ White	KLEVP13425
Lascar™ Black Velvet	KLEVP15618
Lascar™ Burgundy	KLEVP08383
Lascar™ Dark Blue	KLEVP16485
Lascar™ Dark Pink	KLEVP15481
Lascar™ Dark Red	KLEVP12446
Lascar™ Dark Violet	KLEVP15483
Lascar™ Hot Rose	KLEVP03321
Lascar™ Magenta	KLEVP10408
Lascar™ Mango Orange	KLEVP15474
Lascar™ Pink	KLEVP12447
Lascar™ Red	KLEVP15488
Lascar™ Red Rose	KLEVP11419
Lascar™ Salmon	KLEVP11423
Lascar™ White	KLEVP12434
Pops™ Dark Red	KLEVP15470
Pops™ Pink	KLEVP15620
Pops™ Pink+Eye	KLEVP12435
Pops™ Pink+Red Eye	KLEVP15622
Pops™ Salmon+Red Eye	KLEVP15616
Pops™ White	KLEVP15611

Plant Protection

Selecta 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 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 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 Geranium, New Guinea Impatiens, Osteospermum, Sutera 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 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
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All tags used for Selecta products must be supplied or approved by Selecta or Ball. Tags must include the full commercial name of the product, proper trademark (™ or ®) as applicable, variety name, patent information as applicable, the term “Propagation is Prohibited” or “Propagation Prohibited” and Selecta-approved images. All custom tag layouts and orders must be approved prior to production/reproduction.

Terms & Conditions of Sale

Selecta Terms & Conditions of Sale are country/region specific. Visit 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 and 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.

Damaged rooted cuttings will be replaced by Ball Seed.

Cancellation Policy

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

Notice & Return

No returns will be accepted. Seller shall have no liability for any defect unless notice is given promptly, not to exceed five (5) days after receipt of delivery of merchandise. Notice of defect should be addressed to Ball at **800 879-2255**.

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.

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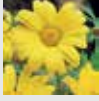

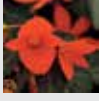





Sales Limitations

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

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

Annuals Rooting Guide

See page 146 for Finishing Guide







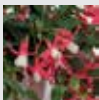



	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Angelonia <i>Angelonia angustifolia</i>	Angelina™	25 mm	not recommended	7 to 9	yes	4	optional	Avoid stretch and overwatering of young plants.
	Arctotis <i>Arctotis sp.</i>	Opera™	25/35 mm	yes	9 to 12	no	4 to 5	no	None.
	Argyranthemum <i>Argyranthemum frutescens</i>	Butterfly, Madeira™	25 mm	no	4 to 7	yes	3 to 4	no	Avoid water stress.
	Bacopa <i>Sutera grandiflora</i>	Big Falls™	25 mm	no	7 to 9	yes	3 to 4	recommended	Stick two cuttings per cell; avoid overwatering of young plants; apply preventive fungicide treatment after sticking.
	Begonia Begonia species	Bonfire® Orange, California Sunlight, Fiery Orange, Marshmallow, Mistral™ <i>Please ask for our detailed Tech Sheet.</i>	25/35 mm	optional	0 to 3, reduce mist as soon as possible	yes	4 to 5	recommended; pinch to node #3 but before developing node #5	Avoid 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.
	Bidens <i>Bidens ferulifolia</i>	Namid™	25 mm	no	7 to 9	yes	3 to 4	optional	Avoid stretch.
	Bracteantha <i>Bracteantha bracteata</i>	Mohave™	25/35 mm	recommended	9 to 12	no	4 to 5	no	Reduce mist as soon as possible; apply preventive fungicide treatment after sticking.
	Calceolaria <i>Calceolaria hybrida</i>	Calynopsis™	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.
	Calibrachoa <i>Calibrachoa cultivars</i>	All MiniFamous® Series	25 mm	optional	9 to 12	yes	4 to 5	optional	Don't stick too deep; avoid overwatering of young plants and water stress.
	Calibrachoa <i>Calibrachoa cultivars</i>	StarShine™	25 mm	optional	6 to 8	yes	4 to 5	optional	Stick cuttings upon arrival and keep plants evenly moist through finishing; keep pH below 6.5 to prevent Iron deficiency.

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¹ 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





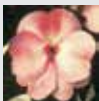





	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Convolvulus <i>Convolvulus sabatius</i>	Early Blue, Prime White	25 mm	optional	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.
	Cuphea <i>Cuphea hyssopifolia</i>	Pink, Purple, White	20 mm	optional	14	no	5	optional	
	Dahlia <i>Dahlia pinnata</i>	Dahlietta®	25 mm	yes	7 to 10	no	3 to 4	no	Hormone will improve rooting. Night-break lighting (10 p.m.-2 a.m.) will reduce likelihood of tuber formation.
	Dahlia <i>Dahlia hybrida</i>	Dalaya™	25 mm	yes	7 to 10	no	3 to 4	no	Use night interruption to reduce likelihood of tuber formation.
	Diascia <i>Diascia cultivars</i>	Piccadilly™	25 mm	no	7 to 9	yes	3 to 4	recommended	Stick two cuttings per cell.
	Euphorbia <i>Euphorbia hypericifolia</i>	Loreen™	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.
	Fuchsia <i>Fuchsia cultivars</i>	Bellinto™, Bellinto™ Compact	25 mm	no	7 to 10	no	4	yes	Avoid stretch and overwatering of young plants.
	Geranium (Interspecific) <i>Pelargonium cultivars</i>	Marcada™	30/40 mm	yes	14	yes	5	no	In hot climates, use Cycocel (S) at 500 PPM.
	Geranium (Ivy) <i>Pelargonium peltatum</i>	Glacier White	30/40 mm	yes	14	optional	5	optional	Use Cycocel (S) at a rate of 500 to 750 PPM if needed.
	Geranium (Ivy) <i>Pelargonium peltatum</i>	Royal™	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.

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Annuals Rooting Guide






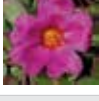
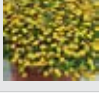
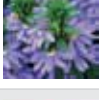
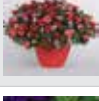

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Geranium (Zonal) <i>Pelargonium x hortorum</i>	Moonlight™, Sunrise™	25/35 mm 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.
	Glechoma <i>Glechoma hederacea</i>	Variegata	20 mm	no	6	no	4	yes	Vining plant; pinching will help with branching and with avoiding cross-tangling of cells.
	Heliotrope <i>Heliotropium arborescens</i>	Marino™	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.
	Impatiens (Interspecific) <i>Impatiens hawkeri</i>	Big Bounce™, Bounce™	25 mm	no	6 to 9	yes	4 to 5	no	Reduce mist starting day 5; don't overwater.
	Impatiens (New Guinea) <i>Impatiens hawkeri</i>	ColorPower™	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.
	Impatiens (New Guinea) <i>Impatiens hawkeri</i>	ImPower™	30 mm	no	21	no	4	no	
	Lobelia <i>Lobelia cultivars</i>	All Magadi™ Series	25 mm	no	7 to 9	yes	4	recom-mended	Keep cuttings hydrated. Avoid overwatering of young plants.
	Lysimachia <i>Lysimachia nummularia</i>	Goldilocks	20 mm	no	7 to 9	no	5	optional	
	Mandevilla <i>Mandevilla sanderi</i>	Dundee	30/45 mm	yes	14	optional	6 to 8	no	
	Nierembergia <i>Nierembergia caerulea</i>	Lara™	25 mm	optional	7 to 9	yes	3 to 4	recom-mended	Stick two cuttings per cell.

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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) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Osteospermum <i>Osteospermum ecklonis</i>	Daisy Falls™	30 mm	yes	12 to 16	yes	4	optional	
	Osteospermum <i>Osteospermum</i> species	4D™, All FlowerPower™ Series, Zion™	25/35 mm	recommended	12 to 16	yes	4 to 5	no	Keep cuttings hydrated.
	Petunia <i>Petunia cultivars</i>	Headliner™, Starlet™, SweetSunshine™	25 mm	no	7 to 9	yes	4	no	Avoid stretch; apply preventive fungicide spray after sticking.
	Petunia <i>Petunia cultivars</i>	Main Stage™	30 mm	no	14	yes	4	optional	
	Phlox <i>Phlox cultivars</i>	Gisele™	25 mm	no	12	no	4 to 5	no	Avoid overmisting, and misting after rooting.
	Portulaca <i>Portulaca oleracea</i>	PortoGrande™	25 mm	no	7 to 9	no	3 to 4	optional	Avoid overwatering of young plants.
	Sanvitalia <i>Sanvitalia procumbens</i>	Tsavo™	25 mm	no	7 to 9	yes	4	optional	Keep cuttings hydrated; avoid overwatering of young plants.
	Scaevola <i>Scaevola aemula</i>	Fairy™	25 mm	recommended	9 to 12	yes	5 to 6	optional	Keep cuttings hydrated.
	Trixi®	Trixi recipes <i>Please ask for our detailed Tech Sheet.</i>	N/A	N/A	N/A	N/A	N/A	Trixi-Liners ship pinched	TrixiLiner is pinched, treated with PGR, and well-toned for best results.
	Verbena <i>Verbena species</i>	BeBop™, Blues™, Lascar™, Pops™	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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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) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Delosperma <i>Delosperma cultivars</i>	Lido™	20/30 mm	no	14	no	5	no	Very low mist or tent.
	Dianthus <i>Dianthus species</i>	Dianthalot™, Everlast™, Oscar®, Pink Kisses™, SuperTrouper™	25/35 mm	recommended	14 to 21	no	5 to 6	recom-mended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	Gaura <i>Gaura lindheimeri</i>	Belleza™	25 mm	optional	7 to 9	yes	4	optional	Avoid stretch.
	Lavender <i>Lavandula angustifolia</i>	Sweet Dreams	20/30 mm	optional	12	no	6	yes	Reduce mist after day 5 to avoid rot and to drive root development.
	Lavender <i>Lavandula species</i>	Calm Breeze, LaVela™	25 mm	no	14	no	6 to 7	yes	Use well-drained media. Avoid saturated media. Reduce mist early.

For more cultural details and Tech Sheets, please visit our website SelectaNorthAmerica.com.

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¹ **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 Finishing Guide

			ROOTING & FINISHING			FINISHING GUIDELINES			
	Crop	Series/Variety	Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day/Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Angelonia <i>Angelonia angustifolia</i>	Angelina™	pH - 5.8-6.2	175-225 PPM N/ EC 1.8-2.0	keep constantly moist	68-78°F/62-65°F 20-26°C/17-18°C	yes	6,000 to 10,000	
	Arctotis <i>Arctotis sp.</i>	Opera™	pH - 5.8-6.2	200-250 PPM N	grow on the dry side	65-75°F/50-60°F 18-24°C/10-16°C	no	5,000 to 6,000	
	Argyranthemum <i>Argyranthemum frutescens</i>	Butterfly, Madeira™	pH - 5.5-6.2	200-250 PPM N/ EC 1.8-2.0	keep constantly moist	65-78°F/50-60°F 18-26°C/10-16°C	optional	6,000 to 9,000	
	Bacopa <i>Sutera grandiflora</i>	Big Falls™	pH - 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	
	Begonia Begonia species	Bonfire® Orange, California Sunlight, Fiery Orange, Marshmallow, Mistral™ <i>Please ask for our detailed Tech Sheet.</i>	pH - 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	
	Bidens <i>Bidens ferulifolia</i>	Namid™	pH - 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	
	Bracteantha <i>Bracteantha bracteata</i>	Mohave™	pH 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	
	Calceolaria <i>Calceolaria hybrida</i>	Calynopsis™	pH - 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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⁴ **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 (PPP)		
	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
	PGRs generally not needed	White Fly, Spider Mites, Botrytis, 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 8 weeks, 1 ppp	8 to 9 weeks, 1 to 3 ppp	9 to 12 weeks, 3 to 5 ppp
	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 1,500-2,500 PPM + Cycocel 750-1,000 PPM tank mix (S) or Bonzi (D) 2-5 PPM to control growth	Aphids, White Fly, Leafminer, Root Rot, Botrytis	Cool temperatures and high light levels will improve plant quality.	6 to 9 weeks, 1 ppp	7 to 10 weeks, 1 to 3 ppp	9 to 12 weeks, 3 to 5 ppp
	B-Nine 750-1,500 PPM (S), Sumagic 5-10 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Botrytis, Pythium	Cool temperatures and high light levels will improve plant quality. Pinch as needed for improved plant habit. Watch for Fe deficiency.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 2 ppp	8 to 10 weeks, 4 to 5 ppp
	B-Nine 2,500 PPM (S), 250-500 PPM Cycocel (S)	Aphids, Botrytis, Pythium	Start late Spring when day length increases and temperatures rise. Let media dry out between watering. Avoid stretch. To avoid dormancy, tuberous Begonias require a minimum day length of 14 hrs. and a minimum temperature of 55°F/13°C.	7 to 8 weeks, 1 ppp	9 to 10 weeks, 1 ppp	9 to 12 weeks, 4 ppp
	B-Nine 2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	5 to 7 weeks, 1 ppp	6 to 8 weeks, 1 to 2 ppp	6 to 9 weeks, 4 to 5 ppp
	Sumagic 5-10 PPM (S), Bonzi 10-20 PPM (S)	Aphids, White Fly, Pythium	Cool temperatures and high light levels will improve plant quality.	6 to 7 weeks, 1 ppp	7 to 8 weeks, 2 ppp	8 to 10 weeks, 4 ppp (Mohave™ Basket Yellow)
	none	Spider Mites	Provide cool temperatures and short days during bulking period. Provide long days (night interrupt) and cool to moderate temperatures for flower induction.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 ppp	13 to 15 weeks, 3 ppp

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Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day/Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Calibrachoa <i>Calibrachoa species</i>	All MiniFamous® Series, StarShine™	pH - 5.4-5.8	200-250 PPM N/ EC 2.0-2.4	keep evenly moist	70-75°F/55-60°F 21-24°C/13-16°C	recommended	5,000 to 6,000	
	Convolvulus <i>Convolvulus sabatius</i>	Early Blue, Prime White	pH - 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	
	Cuphea <i>Cuphea hyssopifolia</i>	Pink, Purple, White	pH - 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	
	Dahlia <i>Dahlia pinnata</i>	Dahlietta®	pH - 5.8-6.2	225-300 PPM N	keep evenly moist	65-76°F/59-64°F 18-24°C/15-18°C	recommended	4,000 to 6,000	
	Dahlia <i>Dahlia hybrida</i>	Dalaya™	pH - 5.8-6.2	225-300 PPM N	keep evenly moist	59-64°F/59-64°F 15-18°C/15-18°C	optional	4,000 to 6,000	
	Diascia <i>Diascia cultivars</i>	Piccadilly™	pH - 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	
	Euphorbia <i>Euphorbia hypericifolia</i>	Loreen™	pH - 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	
	Fuchsia <i>Fuchsia cultivars</i>	Bellinto™, Bellinto™ Compact	pH - 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	reccomended	5,000 to 6,000	

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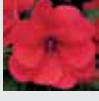

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				CROP TIME FROM ROOTED CUTTING/ PLANTS PER POT (PPP)		
	Plant Growth Regulators (PGR) (S) = spray/(D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
	B-Nine 2,500-3,500 PPM (S), Sumagic 10-20 PPM (S)/Sumagic 0.25 PPM (D), Bonzi 1-2 PPM (D)	Aphids, Thrips, Pythium, Thielaviopsis	Start Calibrachoa warm. After side shoots have developed, cool temperatures and high light levels will improve plant quality. Watch for Fe deficiency.	7 to 8 weeks, 1 ppp	7 to 11 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp
	B-Nine 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 2,500-4,000 PPM (S), Cycocel 1,000-1,500 PPM tank mix (S)	Thrips, Leafminer, Botrytis	Night-break lighting will reduce likelihood of tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	
	B-Nine 2,500-4,000 PPM	Thrips, Leafminer, Botrytis	Night-break lighting (10 p.m.-2 a.m.) will reduce likelihood of tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	10 to 12 weeks, 3 to 4 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, Cycocel (S) 750 PPM tank mix 7-10 days after transplant. Do not use Florel.	White Fly, Aphids, Thrips, Botrytis, Pythium	Pinch for a better habit, especially in larger containers.	5 to 7 weeks, 1 ppp	6 to 9 weeks, 1 to 3 ppp	9 to 11 weeks, 3 to 5 ppp
	B-Nine 2,500 PPM (S)	Aphids, Thrips, Botrytis, Pythium, Rust	Pinch early for a better habit, especially in larger containers.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp

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	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day/Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Geranium (Interspecific) <i>Pelargonium cultivars</i>	Marcada™	pH - 5.4-5.9	200 PPM N	moderate	55-80°F/50-68°F 13-27°C/10-20°C	optional	6,000+	
	Geranium (Ivy) <i>Pelargonium peltatum</i>	Glacier White	pH - 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	
	Geranium (Ivy) <i>Pelargonium peltatum</i>	Royal™	pH - 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	
	Geranium (Zonal) <i>Pelargonium x hortorum</i>	Moonlight™, Sunrise™	pH - 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	
	Glehoma <i>Glehoma hederacea</i>	Variegata	pH - 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	
	Heliotrope <i>Heliotropium arborescens</i>	Marino™	pH - 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	
	Impatiens (Interspecific) <i>Impatiens hawkeri</i>	Big Bounce™, Bounce™	pH - 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	
	Impatiens (New Guinea) <i>Impatiens hawkeri</i>	ColorPower™	pH - 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	

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				CROP TIME FROM ROOTED CUTTING/ PLANTS PER POT (PPP)		
	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
	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
	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
		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 2,500 PPM (S), Cycocel 1,000 PPM + B-Nine 2,500 PPM tank mix (S)	White Fly, Spider Mites, Botrytis, Pythium	Start warm. After side shoots have developed, cool temperatures and high light levels will improve plant quality.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	8 to 10 weeks, 3 to 5 ppp
	B-Nine 1,500 PPM (S) 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
	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

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	Impatiens (New Guinea) <i>Impatiens hawkeri</i>	ImPower™	pH - 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	
	Lobelia <i>Lobelia cultivars</i>	All Magadi™ Series	pH - 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	
	Lysimachia <i>Lysimachia nummularia</i>	Goldilocks	pH - 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	
	Mandevilla <i>Mandevilla sanderi</i>	Dundee	pH - 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	
	Nierembergia <i>Nierembergia caerulea</i>	Lara™	pH - 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	
	Osteospermum <i>Osteospermum hybrid</i>	4D™	pH - 5.8-6.2	200-250 PPM N/ EC 1.8-2.0	dry regularly between waterings	59-76°F/35-55°F 15-24°C/2-13°C	recommended	5,000 to 9,000	
	Osteospermum <i>Osteospermum ecklonis</i>	Daisy Falls™	pH - 5.8-6.2	200-250 PPM N/ EC 1.8-2.0	dry regularly between waterings	50-75°F/40-60°F 15-24°C/4-16°C	optional	5,000 to 8,000	
	Osteospermum <i>Osteospermum ecklonis</i>	All FlowerPower™, Series, Zion™	pH - 5.8-6.2	200-250 PPM N/ EC 1.8-2.0	dry regularly between waterings	60-65°F/35-52°F 16-18°C/2-11°C	recommended	5,000 to 6,000	
	Petunia <i>Petunia cultivars</i>	Headliner™, Starlet™, SweetSunshine™	pH - 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	

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	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 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), Cycocel 750-1,500 PPM (D), Sumagic 5-10 PPM (S)/ Sumagic 0.5-1 PPM (D)	Thrips, White Fly, Aphids, Botrytis, Pythium, Rhizoctonia	It is recommended to NOT use B-Nine on 4D osteos, as it may have a negative effect on the expression of double flowers.	10 to 13 weeks, 1 ppp	11 to 14 weeks, 1 ppp	12 to 15 weeks, 3 ppp
	B-Nine/Cycocel spray, or low-level Bonzi drench (0.5-1 ppm)	Aphids, Thrips, Botrytis, Pythium		9 to 12 weeks, 1 ppp	10 to 13 weeks, 1 ppp	10 to 14 weeks, 3 ppp
	Cycocel 1,000 PPM + B-Nine 2,500 PPM tank mix (S), Sumagic 5-10 PPM (S)/ Cycocel 750-1,500 PPM (D), Sumagic 0.5-1 PPM (D), Bonzi 0.5-3 PPM (D)	Aphids, White Fly, Thrips, Botrytis, Pythium	Pinch after plants have rooted into the media and are well-developed, but avoid stretch. Cool temperatures and high light levels will improve plant quality.	9 to 12 weeks, 1 ppp	10 to 13 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
	B-Nine 2,500 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

⁵ **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 ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day/Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Petunia <i>Petunia cultivars</i>	Main Stage™	pH - 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	
	Phlox <i>Phlox cultivars</i>	Gisele™	pH - 5.8-6.2	150-200 PPM N	avoid overwatering	65-80°F/50-65°F 18-27°C/15-18°C	recommended	3,000 to 9,000	
	Portulaca <i>Portulaca oleracea</i>	PortoGrande™	pH - 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	
	Sanvitalia <i>Sanvitalia procumbens</i>	Tsavo™	pH - 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	
	Scaevola <i>Scaevola aemula</i>	Fairy™	pH - 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	
	Trixi®	Trixi recipes <i>Please ask for our detailed Tech Sheet.</i>	pH - 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 2nd pinch is recommended	5,000 to 6,000	
	Verbena <i>Verbena cultivars</i>	BeBop™	pH - 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	
	Verbena <i>Verbena species</i>	Blues™, Lascar™, Pops™	pH - 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	

² **Media pH:** Best results are achieved if media with the correct pH is used starting with propagation.






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

⁴ **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 (PPP)		
	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 2,500-3,000 PPM (S), Bonzi 2-4 PPM (D)	Spider Mites, Thrips, Botrytis, Tobacco Mosaic Virus		4 to 6 weeks, 1 ppp	6 to 8 weeks, 1 ppp	10 to 12 weeks, 3 ppp
	B-Nine 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, Leafminer, 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 (S)	Thrips, Aphids, White Fly, Leafminer, Powdery Mildew	Let media dry out between watering. Avoid stretch, and pinch as needed to improve plant habit.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	8 to 10 weeks, 3 to 5 ppp

⁵ **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 ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day/Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Delosperma <i>Delosperma cultivars</i>	Lido™	pH - 5.8-7.0	very low	very low	55-90°F/40-70°F 13-32°C/4-21°C	no	7,000+	
	Dianthus <i>Dianthus cultivars</i>	Dianthalot™	pH - 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	
	Dianthus <i>Dianthus species</i>	EverLast™, Oscar®, SuperTrouper™	pH - 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	
	Dianthus <i>Dianthus cultivars</i>	Pink Kisses™	pH - 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	
	Gaura <i>Gaura lindheimeri</i>	Belleza™	pH - 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	
	Lavandula <i>Lavandula angustifolia</i>	Sweet Dreams	pH - 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	
	Lavender <i>Lavandula dentata</i>	Calm Breeze, LaVela™	pH - 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	

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⁴ **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 (PPP)		
	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	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	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	
	none	Rosemary Beetle, Pythium, Rhizoctonia	Grow cool and on the dry side.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 to 2 ppp	10 to 13 weeks, 3 to 4 ppp

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