



2021

selecta  [®]

Combos

Trixi® 3
 Culture Information 24

Annuals

Bacopa	26	Heliotrope	64
Begonia.....	27	Impatiens Interspecific... 68	
Bidens.....	32	Impatiens New Guinea ...65	
Bracteantha.....	30	Lobelia.....	70
Calceolaria	33	Lobularia.....	73
Calibrachoa.....	34	Lysimachia	64
Convolvulus	41	Mandevilla	73
Cuphea	41	Muehlenbeckia	64
Dahlia.....	42	Osteospermum	74
Diascia	62	Pericallis.....	87
Euphorbia.....	41	Petunia	78
Fuchsia.....	50	Phlox	88
Geranium.....	51	Portulaca	91
Geranium Interspecific...57		Salvia.....	90
Geranium Ivy.....	56	Sanvitalia	91
Geranium Zonal	52	Scaevola.....	90
Glechoma	64	Sedum	64
Helichrysum.....	63	Verbena.....	92

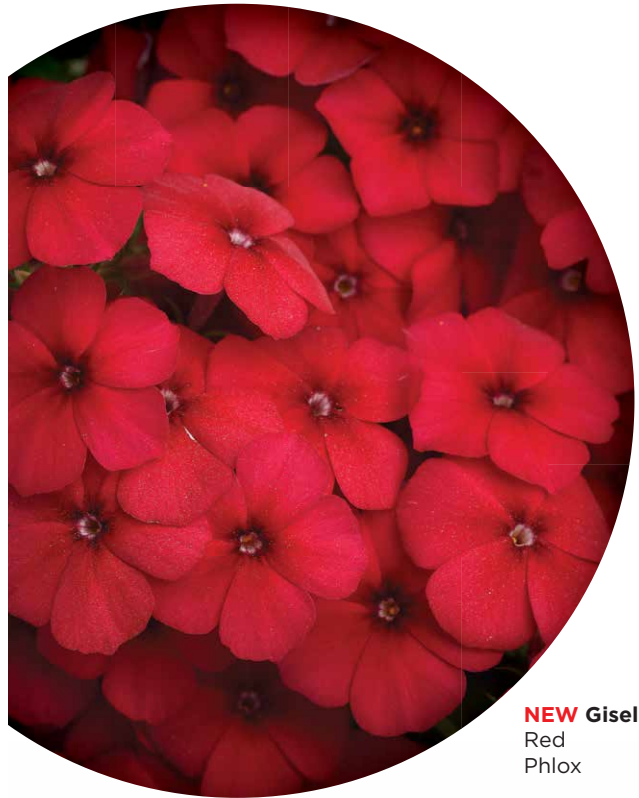
Perennials

Delosperma.....108
 Dianthus..... 98
 Gaura.....109
 Lavender.....110
 Pot Carnation
 (see Dianthus)..... 98

Product Information..... 116
 Discontinued and Renamed Varieties.....117
 Flowering Only Terms & Conditions 118
 Plant Protection & Licensing 119
 Terms & Conditions of Sale 120
 Rooting Guide.....121
 Finishing Guide..... 126
 Licensed Root & Sell Stations Back Cover

Herbs

Herbs..... 111



NEW Gisele®
 Red
 Phlox





NEW Main Stage™
Glacier Sky
Petunia



NEW Headliner™
Crystal Sky
Petunia



NEW Headliner™
Electric Purple Sky
Petunia



NEW Trixi Sky's the Limit
featuring
Headliner Night Sky® Petunia
Headliner Sky Blue Petunia
Headliner White Petunia
See page 4 for Trixi mixes.

Soaring Success With This Sky-High Phenomenon

The Selecta One® universe of outstanding varieties is expanding! This includes stellar Sky petunias, exclusive double bicolor calibrachoa, on-the-rise phlox varieties and star-studded Trixi® combos.

This year, some sensational new sky-patterned varieties have joined our all-star petunia lineup, including icy lavender **NEW Headliner™ Crystal Sky**. Plus, the Main Stage™ series gets its first sky-patterned variety with bold **NEW Glacier Sky**. Selecta One petunias have never shined so brightly!

Another showstopper for 2021 is **NEW MiniFamous® Neo Double PlumTastic**, featuring a striking, double bicolor flower form that is available exclusively through Selecta One.

Plus, we've expanded our Gisele® Phlox series with four stunning varieties that keep on blooming through the Summer heat, and we've added seven new Trixi® combos that were selected for ease of production as well as consumer appeal.

With Selecta One, you can depend on superior quality, trialed and tested varieties, propriety breeding, world-class production and impressive selection – so you can buy and grow with confidence!

Key to symbols

21 Upgraded Variety

Varieties noted as 21 represent a significant improvement compared to last year's genetics. | Les variétés indiquées par la mention 21 représentent une amélioration significative comparativement à la génétique de l'année passée. | Las variedades marcadas con 21 indican un mejoramiento significativo, comparado con la genética del año anterior.



High Density

Varieties are especially suitable for high-density production and quick-turning crops. Mounding, compact habit, easy-to-control vigor and early flowering allow for high-density growing and shipping. | Variétés convenant tout spécialement à la production de haute densité et aux cultures à rotation rapide. Port compact en dôme, vigueur facile à contrôler et floraison précoce permettant une culture et une expédition à haute densité. | Variedades especialmente adecuadas para producción de alta densidad y cultivos rápidos. Su hábito redondeado y compacto, vigor fácil de controlar y floración precoz permite envíos y producción de alta densidad.



Sun-Lover

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



No-Pinch

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

Vigor | Vigueur | Crecimiento

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

Flowering Time | Floraison | Floración

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

Heat Tolerance | Tolérance à la chaleur | Tolerancia al Calor

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

USDA Hardiness Zones

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



On the cover: Headliner™ NEW Crystal Sky, NEW Electric Purple Sky and Night Sky®



COMPACT POT & BASKET



MEDIUM POT & BASKET



LARGE POT & BASKET




























NOVELTY

**Trixi[®]
Combos**






























selecta  [®]

A combo for any occasion

Trixi® combos from Selecta One offer a mixture of outstanding varieties in complimentary colors, flower forms and patterns that grow well together. Our mono combos demonstrate the strength and performance of a single class. This includes **NEW Trixi Sky's the Limit** all-petunia combo, featuring an out-of-this-world sky pattern!

MONO COMBOS			MONO COMBOS		
	NEW Double Date 21	Page 10		Gold & Bold	Page 10
	NEW Double Take	Page 18		Hotter than You Pink	Page 15
	NEW Sky's the Limit	Page 20		Lollipop	Page 11
	NEW Twice As Nice	Page 17		Old Glory	Page 23
	NEW Two to Tango (Duo)	Page 14		On the Double (Duo)	Page 21
	Ball Game	Page 23		Party Favor	Page 19
	Batting Eyes	Page 13		Purple with a Purpose	Page 21
	Berry Daring	Page 17		Starspinner (Duo)	Page 17
	Bolero	Page 8		Sunset	Page 13
	Caribbean Cocktail	Page 13		Wild Berry	Page 19
	Daisy Falls	Page 6		Written in the Stars (Duo)	Page 7
	Double The Heat (Duo)	Page 13		You PINKed My Interest	Page 15
	Flirtini	Page 7			

Multi-species combos showcase an outstanding color and texture contrast that is still easy to produce. Our expanded offering this year includes top-selling varieties, as well as Selecta One-exclusive combos with double bicolor blooms. There's something here for everyone!

MULTI-SPECIES COMBOS			MULTI-SPECIES COMBOS		
	NEW Chemical Attraction	Page 17		Nightfall	Page 21
	NEW Lip Sync	Page 11		Out of the Blue	Page 7
	Blueberry Parfait®	Page 22		Pop the Bubbly	Page 9
	Cajun Flare	Page 8		Popular Demand	Page 6
	Charged Up Cherry!	Page 11		Prime Time	Page 8
	Cherry Kiss	Page 15		Raspberry Sorbet	Page 16
	Crazy for Crayons	Page 9		Salt Water Taffy	Page 19
	Daisy Dance	Page 6		Spring Valley	Page 23
	Double Delight	Page 9		Starlight Starbright	Page 22
	Flamingo Feather	Page 6		Strawberry Shortcake	Page 14
	Geisha Girl	Page 15		Treasure Chest	Page 21
	La Bomba	Page 9		Twinkle Star	Page 7
	Liberty Bell	Page 23		Walk on a Cloud	Page 22
	Love Song	Page 11		Who Knew Orleans	Page 12
	Night Watch	Page 8			

A splash of violet for the early season



Flamingo Feather

Big Falls™ Pearl Bacopa
 Piccadilly™ Dark Salmon Diascia
 Daisy Falls™ Purple Osteospermum

Ⓟ 4 Ⓟ 2 Ⓟ B



Daisy Dance

MiniFamous® Neo Orange+Red Eye Calibrachoa
 Daisy Falls™ Purple Osteospermum
 Lascar™ Mango Orange Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



Popular Demand

MiniFamous® Neo Double Deep Yellow Calibrachoa
 MiniFamous® Uno Violet Star Calibrachoa
 Daisy Falls™ Purple Osteospermum

Ⓟ 4 Ⓟ 2 Ⓟ B



Daisy Falls

Daisy Falls™ Pink Osteospermum
 Daisy Falls™ Purple Osteospermum
 Daisy Falls™ White Amethyst Osteospermum

Ⓟ 4 Ⓟ 2 Ⓟ B


Twinkle Star

Big Falls™ Pearl Bacopa
 Namid™ Early Yellow Bidens
 MiniFamous® Neo Dark Blue Calibrachoa

Ⓟ 4 Ⓟ 2 Ⓟ B


Written in the Stars

MiniFamous® Neo Deep Yellow Calibrachoa
 MiniFamous® Uno Violet Star Calibrachoa

Ⓟ 4 Ⓟ 2 Ⓟ B


Out of the Blue

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

Ⓟ 4 Ⓟ 1 Ⓟ B


Flirtini

MiniFamous® Neo Double Amethyst Calibrachoa
 MiniFamous® Neo Double Lemon Calibrachoa
 MiniFamous® Uno Double Light Pink Calibrachoa

Ⓟ 3 Ⓟ 2 Ⓟ B

Mid-season spectrum of primary colors



Prime Time

Namid™ Special Yellow Bidens
 Lascar™ Dark Red Verbena
 Lascar™ Dark Violet Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



Bolero

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

Ⓟ 4 Ⓟ 2 Ⓟ B



Cajun Flare

Namid™ Early Yellow Bidens
 Starlet™ Lavender Star Petunia
 Lascar™ Burgundy Verbena

Ⓟ 3 Ⓟ 2 Ⓟ B



Night Watch

Namid™ Special Yellow Bidens
 Starlet™ Velvet Petunia
 Blues™ Red Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



Crazy for Crayons

Namid™ Early Yellow Bidens
 MiniFamous® Neo Dark Blue Calibrachoa
 Lascar™ Burgundy Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



La Bomba

Namid™ Early Yellow Bidens
 MiniFamous® Neo Dark Blue Calibrachoa
 Headliner™ Red Petunia

Ⓟ 4 Ⓟ 2 Ⓟ B



Double Delight

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

Ⓟ 3 Ⓟ 1 Ⓟ B



TOP SELLER

Pop the Bubbly

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

Ⓟ 3 Ⓟ 2 Ⓟ B

Single and double, bright-shining blooms



NEW

Double Date 21

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

Ⓟ 4 Ⓜ 2 Ⓢ B

Gold & Bold

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

Ⓟ 4 Ⓜ 2 Ⓢ B



NEW

Lip Sync

MiniFamous® Uno Yellow Calibrachoa
 Magadi™ Dark Blue Lobelia
 Headliner™ Lipstick Petunia

Ⓟ 4 Ⓟ 2 Ⓟ B



TOP SELLER

Charged Up Cherry!

MiniFamous® Uno Double Lemon Calibrachoa
 MiniFamous® Uno Raspberry Star Calibrachoa
 Blues™ Magenta+Eye Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



Love Song

MiniFamous® Neo Double Deep Yellow Calibrachoa
 Headliner™ Lipstick Petunia
 Fairy™ Blue Scaevola

Ⓟ 5 Ⓟ 2 Ⓟ A



Lollipop

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

Ⓟ 4 Ⓟ 2 Ⓟ A

Feel the heat with these warm tones



TOP SELLER

Who Knew Orleans

MiniFamous® Uno Yellow+Red Vein Calibrachoa

Headliner™ Red Petunia

Lasca™ Mango Orange Verbena

Ⓟ 3 Ⓟ 2 Ⓟ B



Double The Heat

MiniFamous® Neo Double OrangeTastic Calibrachoa
MiniFamous® Uno Double Red Calibrachoa

Ⓟ 4 Ⓢ 2 Ⓜ B



TOP SELLER

Caribbean Cocktail

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

Ⓟ 4 Ⓢ 2 Ⓜ B



Batting Eyes

MiniFamous® Neo Orange+Red Eye Calibrachoa
MiniFamous® Neo Salmon Pink+Eye Calibrachoa
MiniFamous® Uno Yellow+Red Vein Calibrachoa

Ⓟ 4 Ⓢ 2 Ⓜ B



Sunset

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

Ⓟ 4 Ⓢ 2 Ⓜ B

Inspire romance with red and pink combos



NEW

Two to Tango

MiniFamous® Neo Double Purple Calibrachoa
 MiniFamous® Uno Double PinkTastic Calibrachoa

Ⓟ 4 Ⓟ 2 Ⓟ B

Strawberry Shortcake

Big Falls™ White Bacopa
 MiniFamous® Neo Light Pink+Eye Calibrachoa
 Lascar™ Burgundy Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



You PINKed My Interest

Gisele® Hot Pink Phlox
 Gisele® Pink Phlox
 Gisele® White Phlox

Ⓧ 4 Ⓢ 1 Ⓢ A



TOP SELLER

Cherry Kiss

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

Ⓧ 4 Ⓢ 2 Ⓢ B



TOP SELLER

Geisha Girl

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

Ⓧ 4 Ⓢ 2 Ⓢ B



Hotter than You Pink

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

Ⓧ 4 Ⓢ 2 Ⓢ B

Berry hues create a sweet presentation



TOP SELLER

Raspberry Sorbet

MiniFamous® Neo White Calibrachoa

Starlet™ Magenta Star Petunia

Blues™ Magenta+Eye Verbena

Ⓟ 4 Ⓟ 2 Ⓟ B



NEW

Twice As Nice

MiniFamous® Neo Double Dark Blue Calibrachoa
 MiniFamous® Neo Double Purple Calibrachoa
 MiniFamous® Uno Double Red Calibrachoa

Ⓟ 4 Ⓟ 2 Ⓟ B



Berry Daring

MiniFamous® Neo Dark Blue Calibrachoa
 MiniFamous® Neo Purple Calibrachoa
 MiniFamous® Neo Salmon+Pink Eye Calibrachoa

Ⓟ 4 Ⓟ 2 Ⓟ B



NEW

Chemical Attraction

MiniFamous® Neo White Calibrachoa
 Magadi™ Electric Purple Lobelia
 NEW Headliner™ Electric Purple Sky Petunia

Ⓟ 4 Ⓟ 2 Ⓟ B



Starspinner

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

Ⓟ 4 Ⓟ 2 Ⓟ B

Berry hues *continued*



NEW

Double Take

- MiniFamous® Uno Double Dark Blue Calibrachoa
- MiniFamous® Uno Double PinkTastic Calibrachoa
- MiniFamous® Uno Double Red Calibrachoa

Ⓟ 4 Ⓢ 2 Ⓜ B



Wild Berry

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

Ⓟ 4 Ⓟ 2 Ⓢ B

Party Favor

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

Ⓟ 3 Ⓟ 2 Ⓢ B



Salt Water Taffy

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

Ⓟ 3 Ⓟ 2 Ⓢ B

A touch of white adds brilliance to combos



NEW

Sky's the Limit

Headliner™ Night Sky® Petunia

Headliner™ Sky Blue Petunia

Headliner™ White Petunia

Ⓟ 4 Ⓢ 2 Ⓢ B



Purple with a Purpose

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

Ⓟ 4 Ⓟ 2 Ⓟ B



On the Double

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

Ⓟ 4 Ⓟ 1 Ⓟ B



Treasure Chest

Magadi™ Electric Purple Lobelia
 Starlet™ Lavender Star Petunia
 Lascar™ White Verbena

Ⓟ 3 Ⓟ 2 Ⓟ B



TOP SELLER

Nightfall

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

Ⓟ 4 Ⓟ 2 Ⓟ B

Touch of white *continued*



Starlight Starbright

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

Ⓟ 4 Ⓟ 2 Ⓟ B



Blueberry Parfait®

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

Ⓟ 4 Ⓟ 2 Ⓟ B



Walk on a Cloud

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

Ⓟ 3 Ⓟ 2 Ⓟ B

Star-spangled mixes for Summer



Old Glory

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

Ⓟ 4 Ⓟ 2 Ⓟ B



Liberty Bell

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

Ⓟ 4 Ⓟ 2 Ⓟ B



Spring Valley

MiniFamous® Neo Blue Calibrachoa
 MiniFamous® Neo Lava+Red Eye Calibrachoa
 Magadi™ Basket White Lobelia

Ⓟ 4 Ⓟ 2 Ⓟ B



Ball Game

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

Ⓟ 3 Ⓟ 1 Ⓟ B



Culture Information for TrixiLiner®

Starting with TrixiLiner

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

Growing On

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

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

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

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

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

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

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

Temperature: After transplanting TrixiLiner, keep the temperature up. Maintain night temperatures of 61-64°F (16-18°C) and day temperatures of 68-72°F (20-22°C) until plants have nicely branched, covering almost all the media surface of your pot, and have rooted well into the new media. Afterwards, lower temperatures to 55-60°F (13-16°C) and day temperatures of 64-72°F (18-22°C). Cool morning drops will result in a better plant habit and nicer colors. Drop temperature 2 hours before sunrise by 8-12°F (4-6°C) until about 2 hours after sunrise. Flowering will not be delayed as long as the average day temperature is maintained consistently. In order to keep the average day temperature up during cold and cloudy days, you may want to raise the night temperature. Toward the end of the crop you can lower the temperature further to 55-60°F (13-16°C) day and night.

Humidity: Below 70%.

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

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

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

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

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

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

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

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

Annuals

selecta  [®]

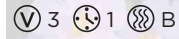
Big Falls™ Bacopa

Sutera grandiflora

Excellent branching, featuring large blooms with a short crop time.

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

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



Dark Blue



Dark Pink



Pearl



White



Trixi Blueberry Parfait

featuring

Big Falls Pearl Bacopa

MiniFamous Neo Light Blue Calibrachoa

Blues Light Pink+Eye Verbena

See page 4 for Trixi mixes.

Mistral® Begonia

Begonia boliviensis

Excellent branching and trailing habit make Mistral the BEST begonia for hanging baskets! Large, eye-catching flowers mean lots of impulse sales. This heat and drought-tolerant series requires no deadheading. Plus, it works great in large pots and mixed containers, too.

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



Ⓥ 4 Ⓞ 2 Ⓢ B

Dark Red



Ⓥ 3 Ⓞ 2 Ⓢ B

Orange



Ⓥ 3 Ⓞ 2 Ⓢ B

Pink



Ⓥ 2 Ⓞ 2 Ⓢ B

Yellow



Yellow

Mistral[®] Double Orange Begonia

Begonia boliviensis

This *boliviensis* cross offers exciting, semi-double orange blooms on a trailing habit.

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

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



Ⓟ 2 Ⓢ 2 Ⓢ B

Mistral Double
Orange

NEW Compact Double Apricot Begonia

Begonia boliviensis

Compact, upright *boliviensis* provides dependable production and strong performance in small pots. Attractive, well-branched plants feature lots of two-toned blooms and dark, serrated foliage.

Height: 6 to 8 in. (15 to 20 cm)
Spread: 10 to 12 in. (25 to 30 cm)



Ⓟ 1 Ⓞ 2 Ⓢ B

Compact Double Apricot

Compact Marshmallow Begonia

Begonia cultivars

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

Height: 6 to 8 in. (15 to 20 cm)
Spread: 10 to 12 in. (25 to 30 cm)



Ⓟ 1 Ⓞ 2 Ⓢ B

Compact Marshmallow

Mohave™ Bracteantha

Bracteantha bracteata

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

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

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



Yellow



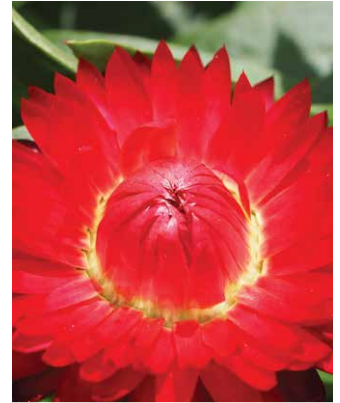
Ⓟ 3 Ⓜ 2 Ⓢ B

Apricot



Ⓟ 3 Ⓜ 2 Ⓢ A

Basket Yellow



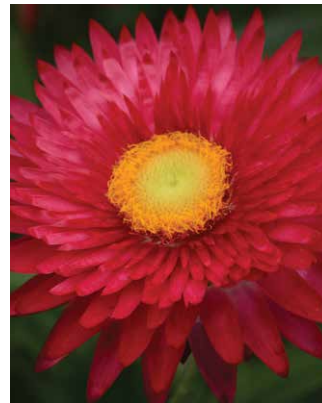
Ⓟ 2 Ⓜ 2 Ⓢ B

Dark Red



Ⓟ 3 Ⓜ 2 Ⓢ B

Orange



Ⓟ 2 Ⓜ 2 Ⓢ B

Purple Red



Ⓟ 4 Ⓜ 1 Ⓢ B

White



Ⓟ 3 Ⓜ 2 Ⓢ A

Yellow



Namid™ Bidens

Bidens ferulifolia

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

Height: 6 to 8 in. (15 to 20 cm)
Spread: 12 to 20 in. (30 to 51 cm)



Trixi La Bomba
 featuring
 Namid Early Yellow Bidens
 MiniFamous Neo Dark Blue
 Calibrachoa
 Headliner Red Petunia
 See page 4 for Trixi mixes.



Ⓟ 1 Ⓞ 1 Ⓢ B

Compact Yellow

Features big blooms and excellent branching. Needs minimal PGRs!



Ⓟ 3 Ⓞ 1 Ⓢ A

Early Yellow

Spreading habit; best for combos.



Ⓟ 2 Ⓞ 2 Ⓢ B

Special Yellow

Features an upright habit; a favorite in Northern markets.

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.

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

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



Orange



Red



Yellow



Yellow With Red



Yellow With Red

Calibrachoa

Selecting the perfect calibrachoa has never been easier, thanks to the MiniFamous® collection that includes early, compact Uno and medium-vigor Neo to cover all your program needs. Choose from a full selection of classic core colors and vibrant patterns. Plus, this assortment features our novel varieties — including award-winning Uno Double PinkTastic and NEW Neo Double PlumTastic, boasting a unique double bicolor flower form that is exclusive to Selecta One! Mix and match these uniform varieties in colorful combos for big impact at retail.



Uno
page 36



Neo
page 38



NEW Trixi Two to Tango
featuring
MiniFamous Neo Double Purple Calibrachoa
MiniFamous Uno Double PinkTastic Calibrachoa
See page 4 for Trixi mixes.



Neo
Violet Ice



Uno
Pink Strike

MiniFamous[®] Uno Calibrachoa

Calibrachoa hybrida

An early-to-finish, medium-compact calibrachoa with uniform flower timing across the series. It grows well in quart and gallon containers, but also thrives in hanging baskets as part of Trixi combos. This series has the most diversity on the market, featuring classic core colors, doubles and stars! Screened for powdery mildew resistance.



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



Ⓟ 3 Ⓟ 1 Ⓟ A

Dark Blue



Ⓟ 4 Ⓟ 1 Ⓟ A

Pink



Ⓟ 2 Ⓟ 1 Ⓟ A

Pink Strike



Ⓟ 3 Ⓟ 2 Ⓟ B

Pink Star



Ⓟ 3 Ⓟ 2 Ⓟ B

Raspberry Star



Ⓟ 1 Ⓟ 1 Ⓟ A

Red



Ⓟ 3 Ⓟ 2 Ⓟ B

Violet Star



Ⓟ 2 Ⓟ 2 Ⓟ A

White



Ⓟ 3 Ⓟ 1 Ⓟ A

Yellow



Ⓟ 2 Ⓟ 1 Ⓟ A

Yellow+Red Vein



Ⓟ 2 Ⓜ 2 Ⓢ A

Double Dark Blue



Ⓟ 4 Ⓜ 2 Ⓢ A

Double Red



Ⓟ 2 Ⓜ 1 Ⓢ B

Double White+Pink Whirl



Ⓟ 3 Ⓜ 1 Ⓢ A

Double PlumTastic



Ⓟ 2 Ⓜ 2 Ⓢ A

Double Lemon



Ⓟ 2 Ⓜ 3 Ⓢ A

Double White



Ⓟ 1 Ⓜ 2 Ⓢ B

Double Close Up



Ⓟ 2 Ⓜ 1 Ⓢ A

Double PinkTastic



Ⓟ 2 Ⓜ 3 Ⓢ A

Double Light Pink

MiniFamous[®] Neo Calibrachoa

Calibrachoa cultivars

For a uniform, semi-trailing habit, along with medium vigor, and attractive flowering time, try MiniFamous Neo. It features large, single and double blooms; exclusive double, bicolor blooms; and a wide range of classic colors. Ideal for big baskets.

Height: 8 to 12 in. (20 to 30 cm)
Spread: 12 to 15 in. (30 to 38 cm)



Ⓟ 3 Ⓞ 2 Ⓢ A
Double PlumTastic



Ⓟ 3 Ⓞ 2 Ⓢ A
Double OrangeTastic



Ⓟ 3 Ⓞ 3 Ⓢ A
Double Deep Yellow



Ⓟ 3 Ⓞ 3 Ⓢ A
Double Dark Blue

Double OrangeTastic



Ⓥ 3 Ⓞ 3 Ⓢ A

Double Amethyst



Ⓥ 3 Ⓞ 3 Ⓢ A

Double Purple



Ⓥ 3 Ⓞ 3 Ⓢ A

Double Silver Blue



Ⓥ 3 Ⓞ 3 Ⓢ A

Double Lemon



Ⓥ 3 Ⓞ 3 Ⓢ B

Double Pink



Ⓥ 3 Ⓞ 1 Ⓢ A

Deep Orange



Ⓥ 4 Ⓞ 1 Ⓢ A

Dark Blue



Ⓥ 2 Ⓞ 1 Ⓢ B

Light Pink+Eye



Ⓥ 2 Ⓞ 1 Ⓢ B

Lava+Red Eye



Ⓥ 3 Ⓞ 1 Ⓢ B

Violet Ice



Ⓥ 3 Ⓞ 2 Ⓢ B

Light Pink



Ⓥ 3 Ⓞ 3 Ⓢ A

Deep Yellow

NEO continues on page 40

MiniFamous®
Neo Calibrachoa *Continued*



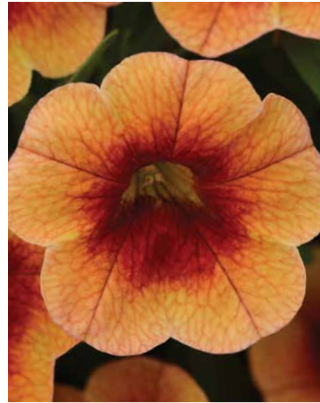
Ⓟ 3 Ⓢ 2 Ⓢ A

Light Blue



Ⓟ 3 Ⓢ 2 Ⓢ A

Pink



Ⓟ 3 Ⓢ 2 Ⓢ A

Orange+Red Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

Purple



Ⓟ 2 Ⓢ 2 Ⓢ B

Blue



Ⓟ 3 Ⓢ 3 Ⓢ A

Yellow



Ⓟ 3 Ⓢ 2 Ⓢ A

Salmon Pink+Eye



Ⓟ 2 Ⓢ 2 Ⓢ A

Vampire



Ⓟ 3 Ⓢ 3 Ⓢ A

White



Ⓟ 2 Ⓢ 3 Ⓢ A

White+Yellow Eye

Early Blue Convolvulus

Convolvulus sabatius

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

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



☑ 2 ☑ 2 ☑ A

Early Blue Convolvulus

Prime White Convolvulus

Convolvulus sabatius

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

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



☑ 2 ☑ 2 ☑ A

Prime White Convolvulus

Cuphea

Cuphea hyssopifolia

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

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



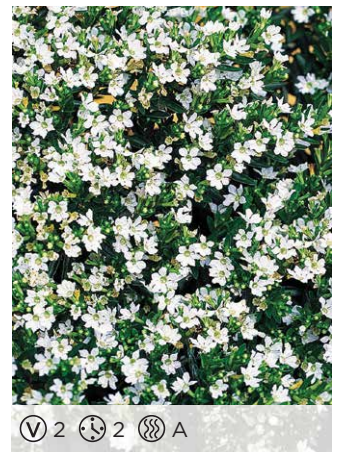
☑ 2 ☑ 2 ☑ A

Pink Cuphea



☑ 2 ☑ 2 ☑ A

Purple Cuphea



☑ 2 ☑ 2 ☑ A

White Cuphea

Loreen™ White Euphorbia

Euphorbia hypericifolia

Excellent branching and dense flowering make an eye-catching display at retail and in finished containers. Loreen is ideal for gallons and larger mixes.

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



☑ 3 ☑ 2 ☑ A

Loreen White Euphorbia

Dahlia

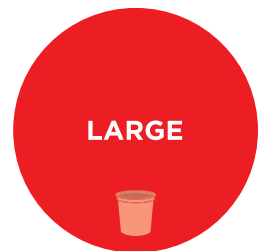
Everything you are looking for in a dahlia assortment, all in one place. Selecta One is proud to offer such a diverse selection across four series, including compact Dahlietta[®] for quart pots; medium, dark-leaf City Lights[™] and medium, green-leaf Dalaya[®] for 2.5-qt. pots and the garden; and the large, double-flowered Venti[™] series to fill your gallons. With mesmerizing colors, exciting patterns and unique flower forms — all backed by our superior breeding and a strong, reliable supply chain — you can count on Selecta One to get you the best quality cuttings where and when you need them.



Dahlietta[®]
page 44



City Lights[™]
page 45
Dalaya[®]
page 46



Venti[™]
page 48



NEW
Dahlietta
Candy



NEW
Dalaya
Raspberry

Venti
Passion Fruit

City Lights
Golden Yellow



Dahlietta[®] Dahlia

Dahlia pinnata

Dahlietta flowers in as little as 7 weeks for quick turns. Plus, this highly uniform series works best in small quart pots for early sales. More colors, patterns and improvements create a best-in-class, easy-to-grow assortment.

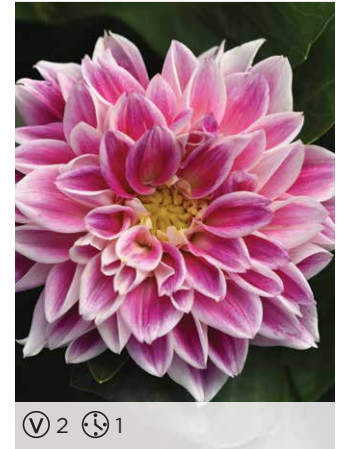
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)



Candy



Anna



Louise



Patty



Blanca



Coby



Lily



Paula



Emily



Rachel



Tessy

Julia

City Lights™ Dahlia

Dahlia hybrida

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

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



Ⓟ 3 Ⓞ 2 Ⓢ A

Golden Yellow



Ⓟ 3 Ⓞ 2 Ⓢ A

Lavender Pink



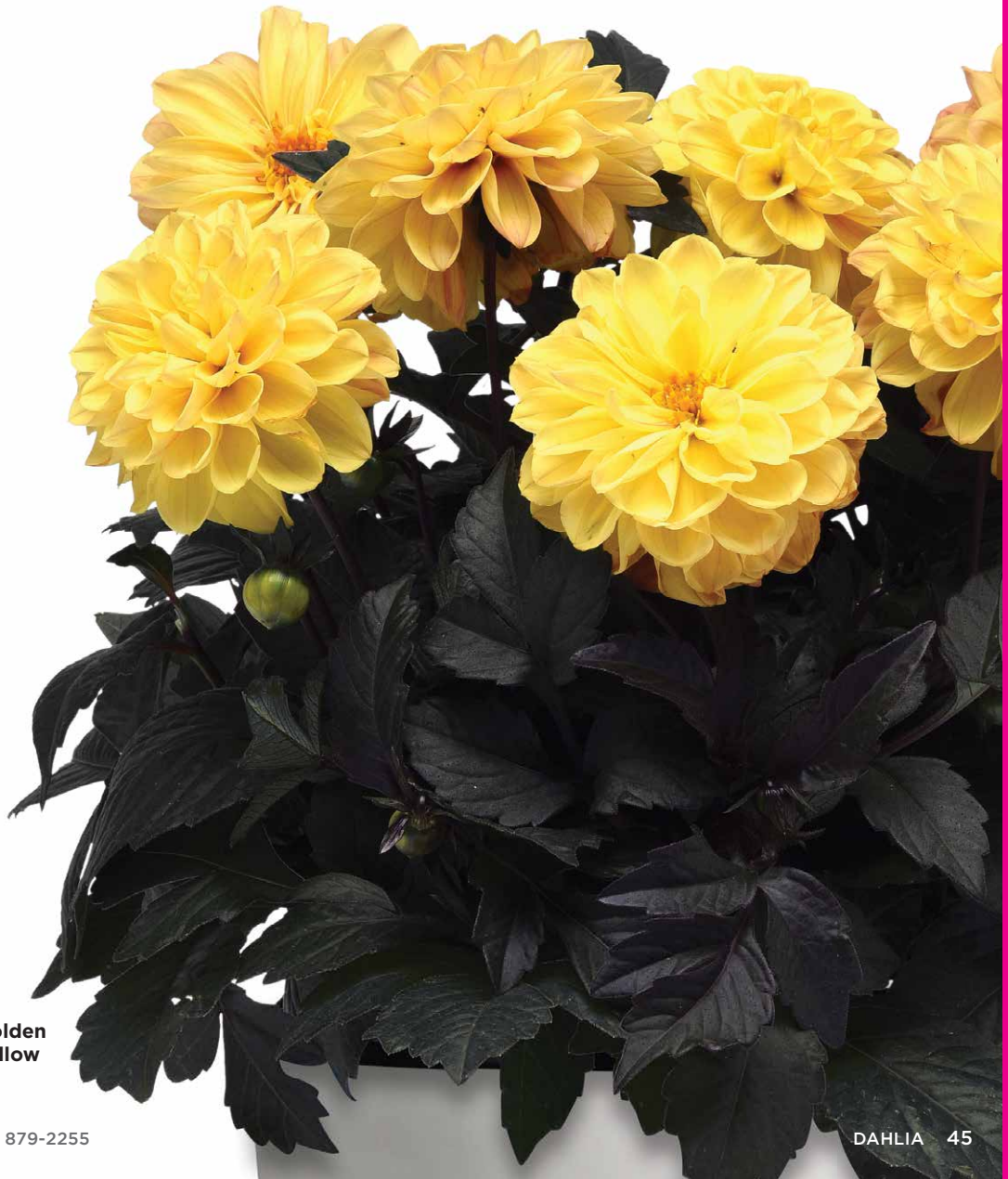
Ⓟ 3 Ⓞ 3 Ⓢ A

Purple



Ⓟ 3 Ⓞ 2 Ⓢ A

Red



Golden Yellow

Dalaya[®] Dahlia

Dahlia hybrida

Green-leaf, garden dahlia features big blooms and exotic bicolors that charm with awesome retail appeal. This series is early to flower, slow to fade and is known for having excellent garden performance that beats the competition across all varieties. Plus, Dalaya is well-branched with an exceptional habit, ideal for 2.5-qt. and larger pots.

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

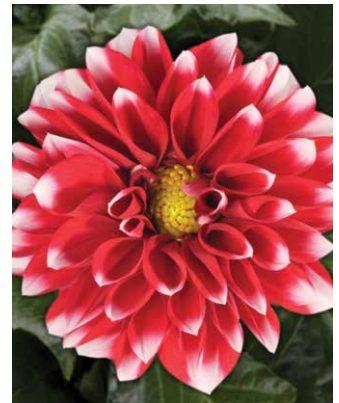


NEW Fireball



Ⓟ 4 Ⓟ 2 Ⓟ A

Fireball



Ⓟ 3 Ⓟ 3 Ⓟ B

Dark Red+White



Ⓟ 3 Ⓟ 2 Ⓟ B

Purple+White



NEW

Ⓟ 2 Ⓜ 2 Ⓢ B

Raspberry



Ⓟ 3 Ⓜ 3 Ⓢ B

Vampire



Ⓟ 3 Ⓜ 2 Ⓢ B

White



Ⓟ 4 Ⓜ 3 Ⓢ A

Pink+Lemon



Ⓟ 4 Ⓜ 3 Ⓢ A

Red



Ⓟ 4 Ⓜ 3 Ⓢ A

Pink+Rose Eye



Ⓟ 4 Ⓜ 3 Ⓢ A

Red+Yellow Eye



Ⓟ 3 Ⓜ 3 Ⓢ A

Yellow



Ⓟ 4 Ⓜ 3 Ⓢ A

Pink+White



Ⓟ 4 Ⓜ 3 Ⓢ A

Yellow+Red Eye



Ⓟ 3 Ⓜ 3 Ⓢ A

Pink+Yellow Eye

Venti™ Dahlia

Dahlia pinnata

A uniform, vigorous series of double-flowered dahlias that brings a broad range of core colors and exciting bicolors to the market. Venti is a series that fills the gallon and larger dahlia needs by putting on a large flower display, and it provides a more controlled habit than the competition. Sourced from a worldwide-proven dahlia cutting farm, Venti varieties have been trialed and grown throughout Europe and North America with excellent results.

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

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

LARGE



Royal Purple



Ⓥ 3 Ⓣ 2 Ⓢ B

Golden Yellow



Ⓥ 3 Ⓣ 2 Ⓢ B

Lemon



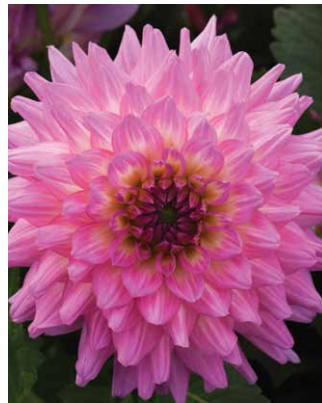
Ⓥ 3 Ⓣ 2 Ⓢ B

Light Rose



Ⓥ 3 Ⓣ 2 Ⓢ B

Passion Fruit



Ⓥ 3 Ⓣ 2 Ⓢ B

Pink+White Eye



Ⓥ 3 Ⓣ 2 Ⓢ B

Red+White



Ⓥ 3 Ⓣ 2 Ⓢ B

Royal Purple



Ⓥ 3 Ⓣ 2 Ⓢ B

Tequila Sunrise



Ⓥ 3 Ⓣ 2 Ⓢ B

White



Bellinto™ Fuchsia

Fuchsia cultivars

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

Height: 8 to 16 in. (20 to 41 cm)
Spread: 10 to 14 in. (25 to 36 cm)



Red+Blue



Ⓟ 2 Ⓢ 2 Ⓢ B

Compact Red+Violet



Ⓟ 2 Ⓢ 2 Ⓢ B

Compact Red+White



Ⓟ 3 Ⓢ 2 Ⓢ B

Red+Blue



Ⓟ 3 Ⓢ 2 Ⓢ B

Red+White

Geranium

Selecta One offers a well-rounded geranium selection produced from our consistent, reliable farm in Kenya. Choose from zonal, ivy and interspecific geraniums, available in a wide range of colors that work great in containers and hanging baskets. Plus, our pot-sizing icons will help you find which sizes work best for your program.



Super Moon Red Zonal



Sunrise Zonal
Orange



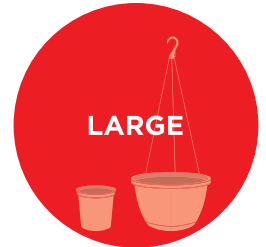
Moonlight Zonal
Lavender



Moonlight™ Zonal
page 52



Sunrise™ Zonal
page 54
Royal™ Ivy
page 56
Marcada™ Interspecific
page 57



Super Moon Red Zonal
page 58
Balcon Ivy
page 59
Decora Ivy
page 60
Glacier White Ivy
page 61

Moonlight™ Zonal Geranium

Pelargonium x hortorum

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

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



Orange



Brilliant Red



Red

Dark Fuchsia



Ⓟ 2 Ⓢ 2 Ⓜ B

Light Salmon



Ⓟ 3 Ⓢ 2 Ⓜ B

Pink+Eye



Ⓟ 3 Ⓢ 2 Ⓜ B

Dark Red



Ⓟ 2 Ⓢ 3 Ⓜ A

Lavender



Ⓟ 2 Ⓢ 2 Ⓜ B

Coral



Ⓟ 3 Ⓢ 2 Ⓜ A

Cranberry Blush



Ⓟ 3 Ⓢ 2 Ⓜ A

Pink



Ⓟ 3 Ⓢ 2 Ⓜ B

Dark Fuchsia



Ⓟ 3 Ⓢ 2 Ⓜ B

Raspberry Blush



Ⓟ 2 Ⓢ 2 Ⓜ B

Light Pink+Eye



Ⓟ 2 Ⓢ 2 Ⓜ B

Scarlet Red



Ⓟ 3 Ⓢ 2 Ⓜ A

White

Sunrise™ Zonal Geranium

Pelargonium x hortorum

This large-flowered series features early blooms on a green-leaf, medium-vigor plant, great for bench runs! With a super color range and upright habit, Sunrise is perfect for your larger basket and gallon container programs.

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



Ⓥ 2 Ⓞ 2 Ⓢ B

Rose+Big Eye



Ⓥ 2 Ⓞ 2 Ⓢ B

Pink+Big Eye



Ⓥ 1 Ⓞ 2 Ⓢ B

Brilliant Red



Ⓥ 3 Ⓞ 2 Ⓢ B

Raspberry Eye



Ⓥ 2 Ⓞ 2 Ⓢ A

Red



Ⓥ 3 Ⓞ 2 Ⓢ B

Fuchsia



Ⓥ 3 Ⓞ 2 Ⓢ B

Light Salmon



Ⓥ 3 Ⓞ 2 Ⓢ A

Hot Pink



Ⓥ 2 Ⓞ 2 Ⓢ B

Lavender+Red Eye



Ⓥ 4 Ⓞ 1 Ⓢ B

Violet



Ⓟ 3 Ⓢ 2 Ⓢ B

Light Pink



Ⓟ 3 Ⓢ 2 Ⓢ B

Orange



Ⓟ 3 Ⓢ 2 Ⓢ B

Hot Rose+Eye



Ⓟ 2 Ⓢ 2 Ⓢ A

Bright Scarlet



Ⓟ 3 Ⓢ 2 Ⓢ A

Salmon



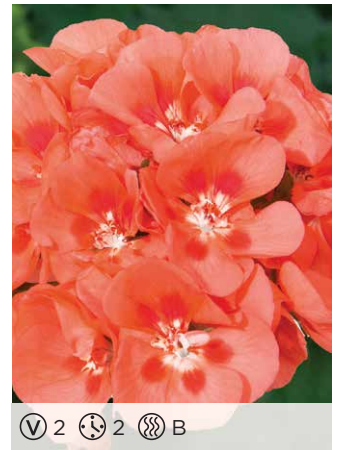
Ⓟ 2 Ⓢ 2 Ⓢ A

Bright Lilac



Ⓟ 3 Ⓢ 2 Ⓢ B

Dark Red



Ⓟ 2 Ⓢ 2 Ⓢ B

Salmon+Red Eye



Ⓟ 3 Ⓢ 2 Ⓢ B

White



Ⓟ 2 Ⓢ 2 Ⓢ A

White+Eye

Royal™ Ivy Geranium

Pelargonium peltatum

Early flowering makes for quick turns, and excellent oedema resistance results in clean foliage at retail. This double-flowered ivy geranium with a medium-vigor, well-branched, trailing habit is terrific in baskets.

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



Pink Ice



Dark Red 21



Amethyst



Blue



Brilliant Red



Candy Cane®



Scarlet Red



Dark Burgundy



Light Pink Pink



Sweet Candy White

Marcada™ Interspecific Geranium

Pelargonium cultivars

This strong geranium series looks like an ivy geranium but is more heat tolerant, has better flower retention and is less sensitive to oedema. Works best in medium baskets.

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



Deep Coral



White



Pink+Purple Eye



Dark Red



Magenta



Pink



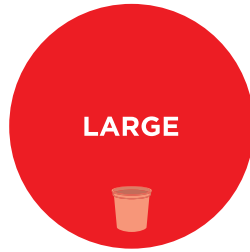
Dark Red, Magenta and Pink

Super Moon Red Zonal Geranium

Pelargonium x hortorum

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

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



Ⓟ 4 Ⓟ 2 Ⓟ A

Super Moon Red



Now Available

Balcon Ivy Geranium

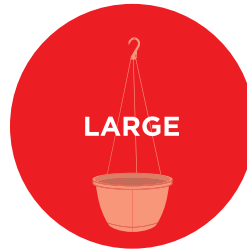
Pelargonium peltatum

A sea of colorful, large, single flowers cascades over the edge of large hanging baskets and window boxes on this heat-tolerant, trailing ivy. It is naturally self-cleaning to keep gardens looking fresh long into the Summer.

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

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

NO PINCH



Ⓟ 4 Ⓢ 3 Ⓢ A

Ice Dance Pink



Red, Pink and Light Purple



Ⓟ 4 Ⓢ 2 Ⓢ A

Light Purple



Ⓟ 4 Ⓢ 2 Ⓢ A

Red



Ⓟ 4 Ⓢ 2 Ⓢ A

Shocking Pink



Ⓟ 4 Ⓢ 2 Ⓢ A

Pink

Now Available

Decora Ivy Geranium

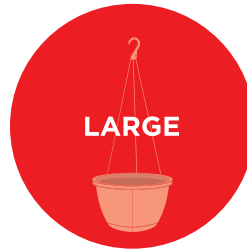
Pelargonium peltatum

Cascades of vibrantly colored, large, single blooms spill out of large hanging baskets and window boxes. Heat-tolerant, trailing ivy features unique variegated foliage. Plus, it is naturally self-cleaning, so it keeps plants looking fresh all Summer long.

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

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

NO
PINCH



Shocking Pink



Ⓟ 2 Ⓢ 2 Ⓢ A

Light Purple



Ⓟ 3 Ⓢ 2 Ⓢ A

Pink



Ⓟ 4 Ⓢ 2 Ⓢ A

Red



Ⓟ 3 Ⓢ 2 Ⓢ A

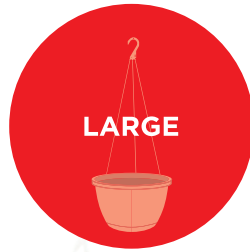
Shocking Pink

Glacier White Ivy Geranium

Pelargonium peltatum

Popular Glacier White stands up to the heat! This single-flowered ivy geranium offers unmatched performance in baskets and window boxes.

Height: 8 to 10 in. (20 to 25 cm)
Spread: 14 to 24 in. (36 to 61 cm)



Ⓟ 4 Ⓞ 2 Ⓢ C

Glacier White



Piccadilly™ Diascia

Diascia cultivars

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

Height: 7 to 9 in. (18 to 23 cm)
Spread: 8 to 10 in. (20 to 25 cm)



Ⓟ 3 Ⓢ 1 Ⓜ B

Dark Salmon



Ⓟ 3 Ⓢ 2 Ⓜ B

Denim Blue



Ⓟ 3 Ⓢ 1 Ⓜ B

Dark Orange



Ⓟ 3 Ⓢ 1 Ⓜ B

Dark Red



Ⓟ 3 Ⓢ 1 Ⓜ B

Pink



Ⓟ 3 Ⓢ 1 Ⓜ B

White



Ⓟ 3 Ⓢ 1 Ⓜ B

Appleblossom

Trixi Flamingo Feather
featuring
Big Falls Pearl Bacopa
Piccadilly Dark Salmon Diascia
Daisy Falls Purple Osteospermum
See page 4 for Trixi mixes.

Silver Helichrysum

Helichrysum italicum

Silver is a dwarf curly helichrysum series that provides superior branching, drought tolerance and offers great performance in the garden. The soft, silver foliage makes for great accent plants, and can carry the striking color in mixed containers as well. Low maintenance and not overly aggressive, this naturally branched series is a top choice in the marketplace.

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

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

USDA Hardiness Zone: 7a to 7b



Ⓟ 1 Ⓢ 3 Ⓢ A

Stitch 21



Ⓟ 3 Ⓢ 3 Ⓢ A

Ribbon



Ⓟ 2 Ⓢ 3 Ⓢ A

Threads



Silver Threads

Variegata Glechoma

Glechoma hederacea

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

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



Ⓟ 5 Ⓞ 3 Ⓢ B

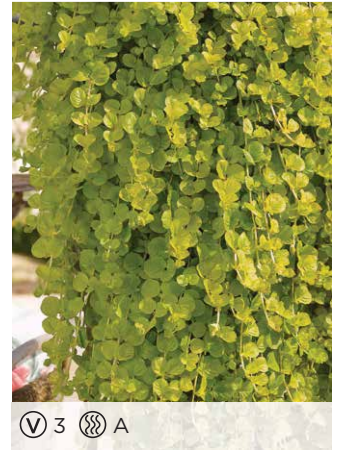
Variegata Glechoma

Goldilocks Lysimachia

Lysimachia nummularia

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

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



Ⓟ 3 Ⓢ A

Goldilocks Lysimachia

Marino™ Heliotrope

Heliotropium arborescens

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

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



Ⓟ 2 Ⓞ 1 Ⓢ A

Marino Blue Heliotrope



Ⓟ 2 Ⓞ 2 Ⓢ A

Marino White Heliotrope

Now Available Muehlenbeckia

Muehlenbeckia

This spiller foliage plant features glossy, dark green, round leaves and dark stems. It works great in mixed combos, as an accent plant or as a groundcover — adding a versatile, textural element for higher value. Plus, low-maintenance, drought-tolerant Muehlenbeckia holds up at retail.

Height: 4 to 6 in. (10 to 15 cm)
Spread: 18 to 24 in. (46 to 61 cm)



Ⓟ 3 Ⓢ B

Muehlenbeckia

Now Available Gold Mound Sedum

Sedum mexicanum

This chartreuse plant produces small, yellow flowers from late Spring through Summer. A low-maintenance, drought-tolerant sedum for the container, groundcover or rock garden. Adapts its size to spaces shared with other plants. Stays small in quart pots; fills large pots.

Height: 12 to 15 in. (30 to 38 cm)
Spread: 12 to 16 in. (30 to 41 cm)



Ⓟ 3 Ⓞ 3 Ⓢ B

Gold Mound Sedum



ImPower™ New Guinea Impatiens

Impatiens hawkeri

Fast-to-finish and highly programmable - for quick-turn success!

This fast-to-finish, highly programmable New Guinea ensures quick-turn success. Uniform series has all colors flowering within one week. By choosing ImPower, growers can reliably produce high-density pots and packs that will consistently flower early and deliver superior show. Plus, this series includes a full range of exciting solids and bicolors on large blooms. Best in small containers.

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



Pink Frost
 (green foliage)



Lavender
 (green foliage)



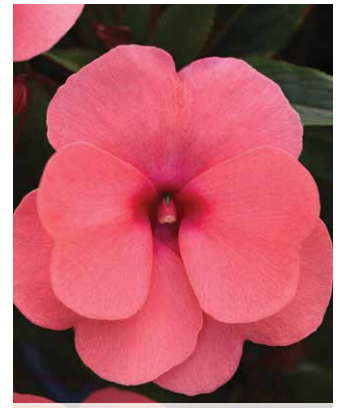
Orange
 (green foliage)



Purple Blue
 (green foliage)



Red Flame
 (green foliage)



Salmon
 (green foliage)



Violet
 (green foliage)



White
 (green foliage)



Dark Red
 (dark green foliage)



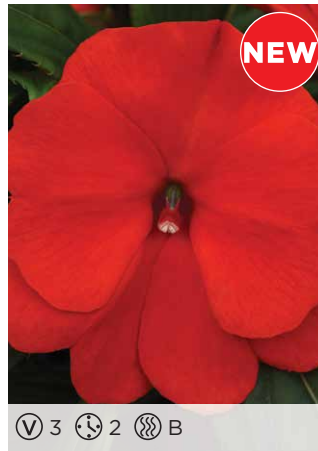
White Pink Eye
 (dark green foliage)

ColorPower™ New Guinea Impatiens

Impatiens hawkeri

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

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



Orange
(green foliage)



Red
(green foliage)



Cerise Frost
(green foliage)



Dark Pink
(green foliage)



Magenta Frost
(green foliage)



Orchid
(green foliage)



Purple Blue
(green foliage)



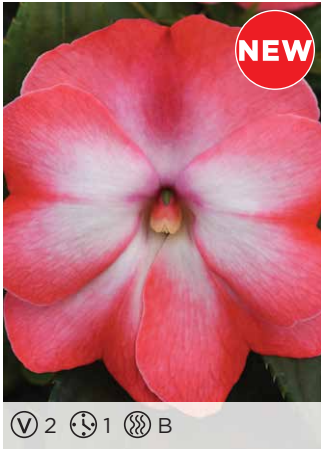
Red Flame
(green foliage)



Rose
(green foliage)



Salmon Pink
(green foliage)



Ⓥ 2 Ⓞ 1 Ⓢ B

Peach Frost
(green foliage)



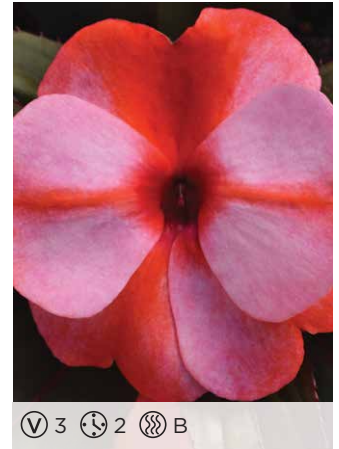
Ⓥ 3 Ⓞ 2 Ⓢ B

Violet
(green foliage)



Ⓥ 3 Ⓞ 2 Ⓢ B

White
(green foliage)



Ⓥ 3 Ⓞ 2 Ⓢ B

Coral Flame
(dark green foliage)



Ⓥ 3 Ⓞ 2 Ⓢ B

Dark Pink Flame
(dark green foliage)



Ⓥ 2 Ⓞ 2 Ⓢ B

Dark Red
(dark green foliage)



Ⓥ 3 Ⓞ 3 Ⓢ B

Lavender Flame
(dark green foliage)



Ⓥ 2 Ⓞ 2 Ⓢ B

Light Pink+Eye
(dark green foliage)



Ⓥ 3 Ⓞ 3 Ⓢ B

Orange Flame
(dark green foliage)



Ⓥ 3 Ⓞ 2 Ⓢ B

White Red Flame
(dark green foliage)

Bounce™ Interspecific Impatiens

Impatiens hawkeri

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

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

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



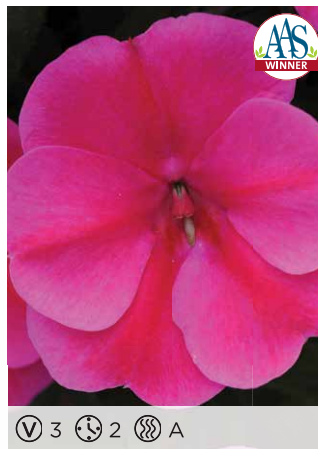
Ⓟ 3 Ⓞ 2 Ⓢ A

Bright Coral



Ⓟ 3 Ⓞ 2 Ⓢ A

Cherry



Ⓟ 3 Ⓞ 2 Ⓢ A

Pink Flame



Ⓟ 3 Ⓞ 2 Ⓢ A

Violet



Ⓟ 3 Ⓞ 2 Ⓢ A

White



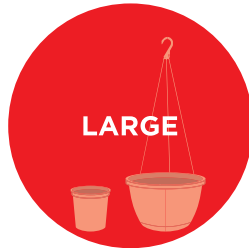
Bright Coral and Violet

Big Bounce™ Interspecific Impatiens

Impatiens hawkeri

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

Height: 20 to 30 in. (51 to 76 cm)
Spread: 20 to 36 in. (51 to 91 cm)



Ⓟ 4 Ⓞ 2 Ⓢ A

Cherry



Ⓟ 4 Ⓞ 2 Ⓢ A

Lavender



Ⓟ 4 Ⓞ 2 Ⓢ A

Lavender Flame



Ⓟ 4 Ⓞ 2 Ⓢ A

Lilac



Ⓟ 4 Ⓞ 2 Ⓢ A

Pink



Ⓟ 4 Ⓞ 2 Ⓢ A

White



Ⓟ 4 Ⓞ 2 Ⓢ A

Red



Cherry

Lobelia

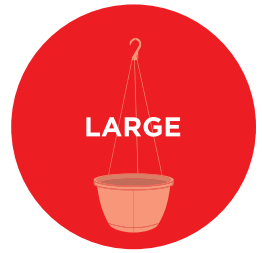
Selecta One is your number one source for lobelia, with the comprehensive, heat-tolerant Magadi™ family. From compact, densely branched varieties that are ideal for quart pots, to trailing varieties that make stunning hanging baskets – Selecta One has your lobelia program covered.



Magadi™ Compact
page 71



Magadi™
page 72



Magadi™ Basket
page 72



Magadi Basket
White



Magadi
Electric Purple



Magadi Compact
Blue

Magadi™ Compact Lobelia

Lobelia cultivars

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

Height: 6 to 10 in. (15 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)

COMPACT



HD



Ⓟ 2 Ⓢ 2 Ⓢ B

Blue



Ⓟ 2 Ⓢ 2 Ⓢ B

Blue+Eye



Ⓟ 2 Ⓢ 2 Ⓢ B

Purple



Ⓟ 2 Ⓢ 2 Ⓢ A

Dark Blue



Ⓟ 2 Ⓢ 2 Ⓢ B

White

Blue

Magadi™ Lobelia

Lobelia cultivars

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

Height: 6 to 10 in. (15 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)



Ⓟ 3 Ⓟ 3 Ⓢ A

Magadi Blue



Ⓟ 3 Ⓟ 2 Ⓢ A

Magadi Electric Purple



Ⓟ 3 Ⓟ 2 Ⓢ A

Magadi Dark Blue

Magadi™ Basket Lobelia

Lobelia cultivars

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

Height: 6 to 10 in. (15 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)



Ⓟ 3 Ⓟ 2 Ⓢ A

Magadi Electric Blue



Ⓟ 2 Ⓟ 2 Ⓢ A

Magadi White



Ⓟ 4 Ⓟ 2 Ⓢ B

Magadi Basket Dark Blue



Ⓟ 4 Ⓟ 2 Ⓢ B

Magadi Basket Dark Purple



Ⓟ 3 Ⓟ 3 Ⓢ B

Magadi Basket White

Featherlight White Lobularia

Lobularia maritima

A good variety of lobularia that offers a shippable cutting for use in different sizes of containers. This is a great choice for growers, allowing them to tailor their needs for large containers and single-species baskets. Provides a sweet fragrance on the retail shelf and in the home garden.

Height: 4 to 6 in. (10 to 15 cm)
Spread: 12 to 16 in. (30 to 41 cm)



Ⓟ 4 Ⓞ 1 Ⓢ B

Featherlight White Lobularia

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.

Height: 24 to 48 in. (61 to 122 cm)
Spread: 8 to 12 in. (20 to 30 cm)



Ⓟ 3 Ⓞ 2 Ⓢ A

Dundee Pink Mandevilla



Ⓟ 4 Ⓞ 2 Ⓢ A

Dundee Red Mandevilla

Magnetica™ Dark Red Mandevilla

Mandevilla sanderi

An outstanding mandevilla for the Selecta One assortment! Magnetica provides a more vigorous and climbing habit with larger, non-fading blooms compared to Dundee.

Height: 24 to 48 in. (61 to 122 cm)
Spread: 14 to 18 in. (36 to 46 cm)



Ⓟ 4 Ⓞ 2 Ⓢ A

Magnetica Dark Red
Mandevilla



Magnetica Dark Red
Mandevilla



Dundee Red Mandevilla

Daisy Falls™ Osteospermum

Osteospermum ecklonis

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

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

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



Ⓟ 4 Ⓞ 2 Ⓢ A

Pink



Ⓟ 4 Ⓞ 2 Ⓢ A

Purple



Ⓟ 4 Ⓞ 2 Ⓢ A

White Amethyst



Trixi Daisy Dance

featuring
 MiniFamous Neo Orange+Red Eye Calibrachoa
 Daisy Falls Purple Osteospermum
 Lascar Mango Orange Verbena
 See page 4 for Trixi mixes.

4D™ Osteospermum

Osteospermum hybrid

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

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



Yellow



Harvest Moon



Violet Ice



Berry White



Dark Violet+White



Pink



Purple



Sunburst



Berry White

Zion™ Osteospermum

Osteospermum ecklonis

Inspired by the colors of Zion National Park in Utah, this collection features distinctive, novel colors. Large flowers on plants with excellent branching and full, mounded habits have great consumer appeal. Zion includes FleuroStar Award Winner Purple Sun, featuring a vibrant orange color that transitions into a deep purple ring surrounding the heart. Available as callused cuttings.

Height: 16 to 20 in. (41 to 51 cm)
Spread: 16 to 24 in. (41 to 61 cm)



Purple Sun



Ⓥ 3 Ⓞ 2 Ⓢ A
 Purple Sun



Ⓥ 3 Ⓞ 2 Ⓢ A
 Morning Sun



Ⓥ 3 Ⓞ 1 Ⓢ B
 Magic Yellow



Ⓥ 3 Ⓞ 2 Ⓢ C
 Copper Amethyst



Ⓥ 3 Ⓞ 1 Ⓢ B
 Blue Denim



Ⓥ 3 Ⓞ 3 Ⓢ B
 Pure Yellow



Ⓥ 3 Ⓞ 1 Ⓢ B
 Red

FlowerPower™ Spider Osteospermum

Osteospermum ecklonis

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

Height: 10 to 14 in. (25 to 36 cm)
Spread: 14 to 20 in. (36 to 51 cm)



Ⓟ 2 Ⓟ 1 Ⓟ B

Spider Pink



Ⓟ 3 Ⓟ 2 Ⓟ B

Spider Purple



Ⓟ 2 Ⓟ 1 Ⓟ B

Spider White

FlowerPower™ Compact Osteospermum

Osteospermum ecklonis

Compact, upright, uniform series with brilliant colors on large flowers. FlowerPower Compact is early-to-flower and features medium, easy-to-control vigor and excellent branching. Best grown under cool conditions and low-energy production. Available as callused cuttings.

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

HD



Ⓟ 1 Ⓟ 1 Ⓟ B

Compact Violet+Eye



Ⓟ 2 Ⓟ 1 Ⓟ B

Compact Purple Red



Ⓟ 1 Ⓟ 2 Ⓟ B

Compact Yellow



Ⓟ 1 Ⓟ 2 Ⓟ B

Compact Light Pink



Ⓟ 1 Ⓟ 2 Ⓟ B

Compact White



Ⓟ 2 Ⓟ 1 Ⓟ B

Compact Purple

Petunia

Outstanding petunias and Selecta One go hand in hand. This year, we're showcasing our expanded lineup of stellar Sky petunias, all featuring uniquely patterned blooms with flecks of white against vibrant colors that resemble a starry sky. This assortment not only offers thrilling patterns and flower forms, but it is also available in a wide variety of pot sizes to fill your entire petunia program with ease.

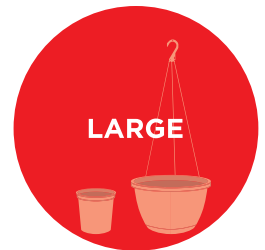


Starlet™
page 80



Headliner™
page 82

SweetSunshine™
page 86



Main Stage™
page 84



Starlet
Salmon Red Vein



NEW Main Stage
Glacier Sky

NEW Headliner
Crystal Sky

Headliner
Night Sky[®]

NEW Headliner
Electric Purple Sky

Starlet™ Petunia

Petunia cultivars

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

Height: 8 to 10 in. (20 to 25 cm)
Spread: 12 to 20 in. (30 to 51 cm)



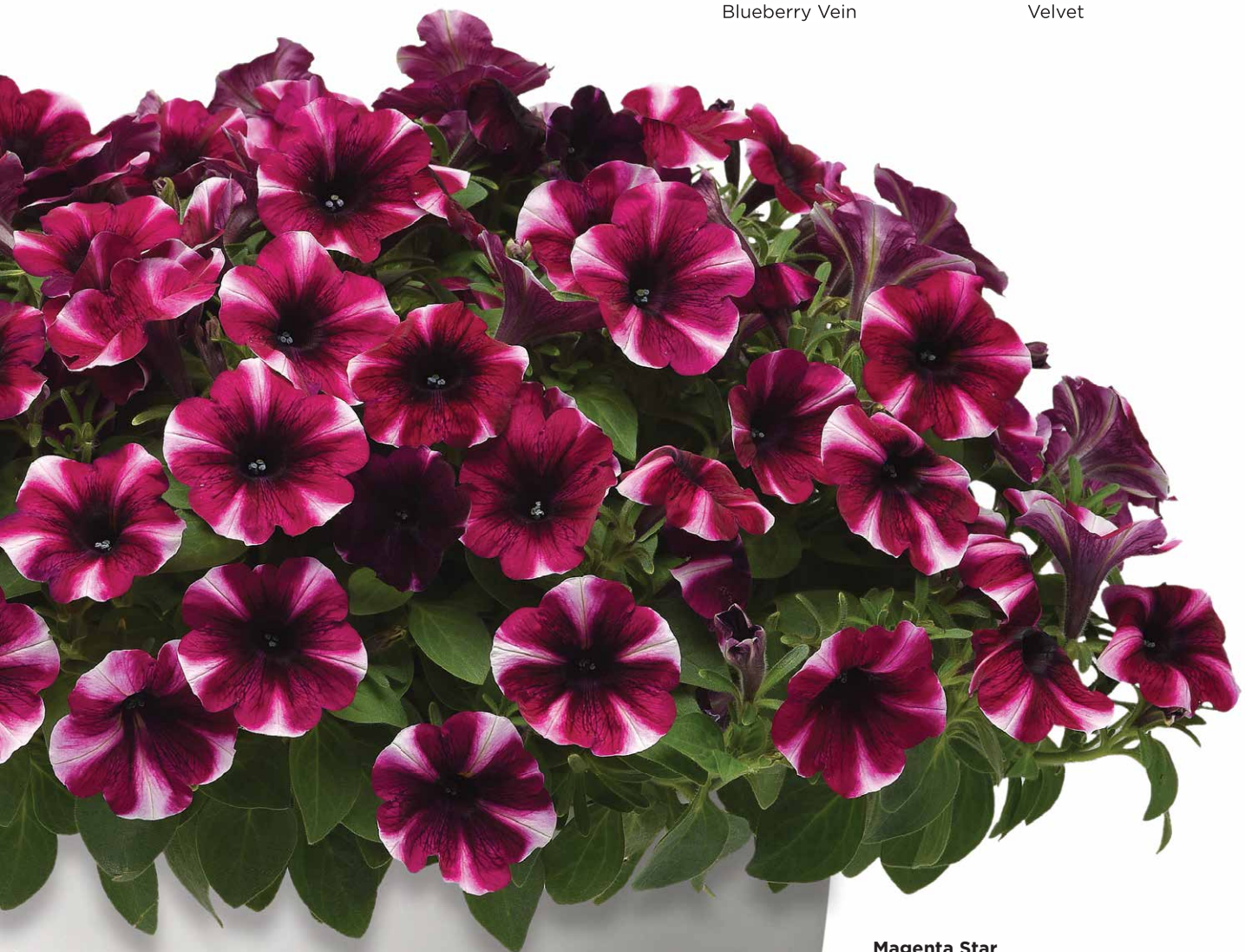
Ⓥ 3 Ⓞ 2 Ⓢ B

Blueberry Vein



Ⓥ 3 Ⓞ 2 Ⓢ B

Velvet



Magenta Star



Red



Blue



Burgundy



Dark Pink



Lavender Star



Magenta Star



Pink Lemonade



Pinot Red



Purple Star



Salmon Red Vein



White



Yellow

Headliner™ Petunia

Petunia cultivars

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

Height: 10 to 16 in. (25 to 41 cm)
Spread: 20 to 30 in. (51 to 76 cm)



Ⓟ 3 Ⓢ 2 Ⓢ B

Electric Purple Sky



Ⓟ 4 Ⓢ 2 Ⓢ B

Crystal Sky



Ⓟ 4 Ⓢ 2 Ⓢ B

Night Sky®



Ⓟ 2 Ⓢ 2 Ⓢ B

Pink Sky



Ⓟ 2 Ⓢ 2 Ⓢ B

Starry Sky Burgundy



Ⓟ 3 Ⓢ 2 Ⓢ B

Dark Saturn



Ⓟ 2 Ⓢ 2 Ⓢ B

Lipstick



Ⓟ 3 Ⓢ 2 Ⓢ B

Blueberry Swirl



Ⓟ 3 Ⓢ 2 Ⓢ B

Raspberry Swirl



Ⓟ 3 Ⓢ 2 Ⓢ B

Pink Vein



Dark Violet Picotee 21



White Rose Vein



Raspberry Star



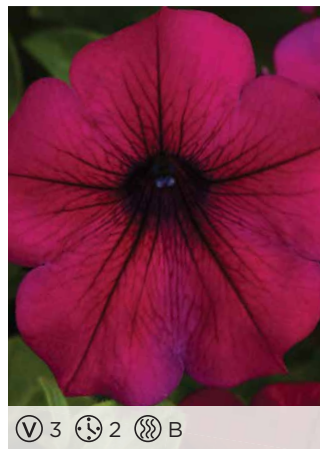
Red Star



Rose Star



Blue



Electric Purple



Red



Sky Blue



White



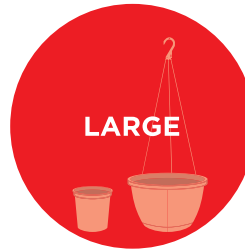
Yellow

Main Stage™ Petunia

Petunia cultivars

Our most vigorous, trailing petunia line! Features excellent garden and in-ground performance, while still looking great on balconies. The eye-catching colors in the Main Stage series will boost retail sales and attract customers to endcaps of trailing, full hanging baskets.

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



NEW Glacier Sky



Glacier Sky



Blueberry



Hot Pink



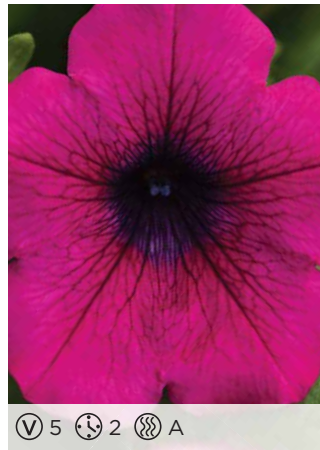
Pink



Pink Vein



Violet



Purple



Red



Violet Picotee



White

SweetSunshine™ Petunia

Petunia cultivars

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

Height: 10 to 16 in. (25 to 41 cm)
Spread: 20 to 30 in. (51 to 76 cm)



Light Pink



Ⓟ 2 Ⓞ 2 Ⓢ B

Burgundy



Ⓟ 2 Ⓞ 2 Ⓢ B

Honeydew



Ⓟ 3 Ⓞ 2 Ⓢ A

Magenta



Ⓟ 2 Ⓞ 2 Ⓢ B

Provence



Ⓟ 3 Ⓞ 2 Ⓢ B

Light Pink

Senetti[®] Pericallis

Senecio x hybrida

The low-maintenance Senetti series is a great addition to early-Spring assortments, thriving in cool temperatures. This durable pericallis will hold up at retail and offers fast sell-through. Plus, it fills a larger pot size than many other early-Spring crops. Heads will turn at retail with masses of vivid blooms above rounded, compact foliage. Senetti offers superior garden performance, with strong stems, excellent vigor and the ability to withstand a range of weather conditions.

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



Cobalt Blue



White



Blue Bicolor



Deep Blue



Magenta



Magenta Bicolor



Pink Bicolor



Violet Bicolor

Gisele[®] Phlox

Phlox cultivars

Bred for reliable rooting, mounded habit and heat tolerance. Plus, it features large, attractive flower clusters. Trialed all over North America, Gisele is a top performer across all areas. Great in small pots, baskets and gardens — continuously producing colorful blooms.

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



**Trixi You PINKed
My Interest**
featuring
Gisele Hot Pink, Pink
and White Phlox
See page 4 for Trixi mixes.



Ⓟ 3 Ⓢ 2 Ⓢ A

Light Pink+Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

Red



Ⓟ 3 Ⓢ 2 Ⓢ A

Scarlet



Ⓟ 4 Ⓢ 2 Ⓢ A

Purple



Ⓟ 3 Ⓢ 2 Ⓢ A

Hot Pink



Ⓟ 3 Ⓢ 2 Ⓢ A

Light Violet



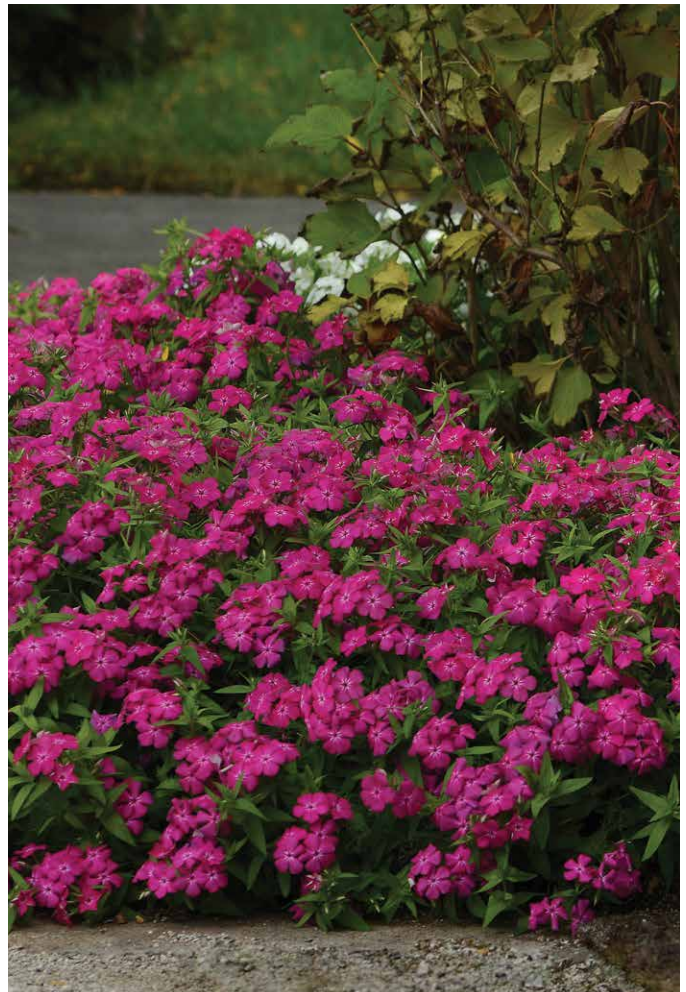
Ⓟ 2 Ⓢ 2 Ⓢ A

White



Ⓟ 3 Ⓢ 2 Ⓢ A

Pink



Hot Pink

Skyscraper™ Salvia

Salvia cultivars

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

Height: 14 to 28 in. (36 to 71 cm)
Spread: 10 to 16 in. (25 to 41 cm)
USDA Hardiness Zone: 7b



Ⓟ 4 Ⓞ 1 Ⓢ A

Skyscraper Pink Salvia



Ⓟ 4 Ⓞ 1 Ⓢ A

Skyscraper Orange Salvia



Ⓟ 4 Ⓞ 1 Ⓢ A

Skyscraper Dark Purple Salvia



Skyscraper Dark Purple, Orange and Pink Salvia

Fairy™ Scaevola

Scaevola aemula

Well-branched, trailing plants have outstanding outdoor performance.

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



Ⓟ 3 Ⓞ 3 Ⓢ A

Fairy Blue Scaevola



Ⓟ 4 Ⓞ 3 Ⓢ A

Fairy Pink Scaevola



Ⓟ 4 Ⓞ 3 Ⓢ A

Fairy White Scaevola

PortoGrande™ Portulaca

Portulaca oleracea

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

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



Ⓟ 4 Ⓟ 3 Ⓟ A

PortoGrande Magenta Portulaca



Ⓟ 3 Ⓟ 2 Ⓟ A

PortoGrande Orange Portulaca



Ⓟ 3 Ⓟ 2 Ⓟ A

PortoGrande Raspberry Lemonade Portulaca



Ⓟ 3 Ⓟ 2 Ⓟ A

PortoGrande Scarlet Portulaca



Ⓟ 4 Ⓟ 3 Ⓟ A

PortoGrande White Portulaca



Ⓟ 3 Ⓟ 2 Ⓟ A

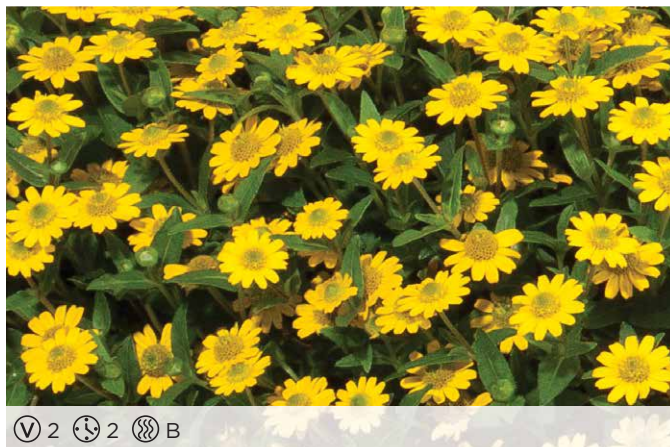
PortoGrande Yellow Portulaca

Tsavo™ Compact Yellow Sanvitalia

Sanvitalia procumbens

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

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



Ⓟ 2 Ⓟ 2 Ⓟ B

Tsavo Compact Yellow Sanvitalia

Verbena

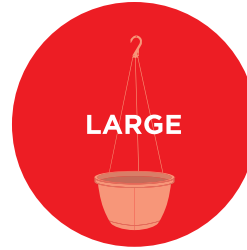
Four verbena series cover all your program needs! Our outstanding collection comes in a dramatic range of colors and novelty patterns, all with season-long flowering performance. For landscape-loving series or varieties that spill out of baskets and containers, just check out the pot-sizing icons below and get growing.



Pops™
page 93



Lascar™
page 94



Blues™
page 96



BeBop™
page 95



Lascar
Dark Violet, Burgundy
and Magenta

Pops
Pink+Eye

Blues
Lavender+Eye,
Light Pink+Eye and
Neon

Pops™ Verbena

Verbena cultivars

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

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



Ⓟ 2 Ⓢ 2 Ⓜ A

Dark Red



Ⓟ 2 Ⓢ 2 Ⓜ A

Pink



Ⓟ 3 Ⓢ 2 Ⓜ A

Pink+Eye



Ⓟ 2 Ⓢ 2 Ⓜ A

Pink+Red Eye



Ⓟ 2 Ⓢ 1 Ⓜ A

Salmon+Red Eye



Ⓟ 2 Ⓢ 2 Ⓜ A

White



Salmon+Red Eye

Lascar™ Verbena

Verbena cultivars

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

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



Ⓟ 3 Ⓞ 2 Ⓢ A

Lascar Purple



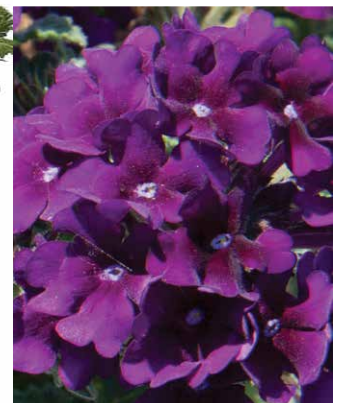
Ⓟ 2 Ⓞ 2 Ⓢ A

Lascar Vampire



Ⓟ 2 Ⓞ 3 Ⓢ B

Lascar Hot Rose



Ⓟ 3 Ⓞ 2 Ⓢ A

Lascar Black Velvet



Trixi Prime Time
 featuring
 Namid Special Yellow Bidens
 Lascar Dark Red Verbena
 Lascar Dark Violet Verbena
 See page 4 for Trixi mixes.



Ⓥ 3 Ⓞ 2 Ⓢ A

Lascar Red Rose



Ⓥ 3 Ⓞ 2 Ⓢ A

Lascar Dark Violet



Ⓥ 2 Ⓞ 2 Ⓢ A

Lascar Burgundy



Ⓥ 3 Ⓞ 2 Ⓢ A

Lascar Mango Orange



Ⓥ 2 Ⓞ 2 Ⓢ A

Lascar Salmon



Ⓥ 2 Ⓞ 2 Ⓢ A

Lascar Pink



Ⓥ 2 Ⓞ 2 Ⓢ A

Lascar Dark Red



Ⓥ 2 Ⓞ 3 Ⓢ B

Lascar White

BeBop™ Verbena

Verbena cultivars

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

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



Ⓥ 2 Ⓞ 2 Ⓢ A

BeBop Lavender



Ⓥ 2 Ⓞ 2 Ⓢ A

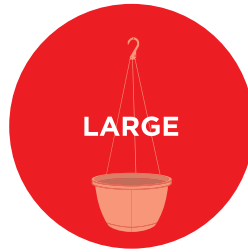
BeBop Pink

Blues™ Verbena

Verbena cultivars

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

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



Ⓟ 2 Ⓢ 1 Ⓢ A

Lavender+Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

White



Ⓟ 3 Ⓢ 2 Ⓢ A

Magenta+Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

Purple+Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

Red



Ⓟ 3 Ⓢ 2 Ⓢ A

Rose+Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

Violet+Eye



Ⓟ 3 Ⓢ 2 Ⓢ A

Light Pink+Eye

Perennials

selecta  [®]

Dianthus

Selecta One has the assortment to meet all your dianthus needs. With our active breeding program, we provide you with the best products available. Plus, the programmability makes planning your dianthus production easier than ever. Our extensive lineup provides a variety of products that range in timing, flower forms and colors. From compact pot carnations to hardy perennials, we've got you covered. Check out the pot-sizing icons below to select the best products to fit your program.

POT CARNATION



NEW Early Love™
page 100

Pink Kisses®
page 101

SuperTrouper®
page 104

NEW Peach Party™
page 100

Oscar®
page 102

NEW Purple Wedding™
page 100



NEW
Peach Party

Pink Kisses

Oscar
Cherry+Velvet

Dianthalot
Dark Red+Star



HARDY DIANTHUS



NEW Carmen™
page 103

EverLast™ (Upright)
page 106

Dianthalot™ (Spreading)
page 107



SuperTrouper
Magenta+White



NEW Carmen
Burgundy

NEW Early Love™ Dianthus

Dianthus cultivars

Early-flowering Early Love is a unique, bicolor carnation with large, double blooms and short stems. The presentation resembles a flower bouquet and will finish in time for Valentine's Day! Early Love is an easy-to-grow variety with great branching and is ideal for small pot programs. Great match to Pink Kisses.

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

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

USDA Hardiness Zone: 7a

COMPACT



☑ 2 ☹ 1 ☹ B

Early Love



NEW Peach Party™ Dianthus

Dianthus cultivars

Featuring extremely long-lasting flowers, this carnation works well as a windowsill item or compact potted plant. Peach Party is ideal for distribution center shipping – not sensitive to ethylene and is highly cold tolerant. Cool Spring production produces light peach-colored flowers, while Summer production will have more contrast with a dark red eye.

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

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

USDA Hardiness Zone: 7a

COMPACT



☑ 2 ☹ 2 ☹ B

Peach Party



NEW Purple Wedding™ Dianthus

Dianthus cultivars

Purple Wedding is an early, upright carnation that is frost tolerant and lasts for months. This variety features beautiful, bicolor blooms with three shades of purple and a dark eye that is striking against dark foliage. Best for small pot production. Keep this potted plant near a bright window for a continuous, fresh flush of flowers, or plant in the garden and watch as birds and bees flock for a big show.

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

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

USDA Hardiness Zone: 7a

COMPACT



☑ 2 ☹ 2 ☹ B

Purple Wedding



Pink Kisses[®] Dianthus

Dianthus cultivars

"Grab and go" gift item gets the growing season off to a strong start, with tons of two-tone flowers that need no deadheading and keep looking great. Early-season pot carnation is easy to grow and easier to sell.

Height: 12 to 16 in. (30 to 41 cm)
Spread: 10 to 14 in. (25 to 36 cm)
USDA Hardiness Zone: 5a

COMPACT



Ⓟ 2 Ⓜ 2 Ⓢ B

Pink Kisses



Oscar[®] Dianthus

Dianthus caryophyllus

This hyper-uniform pot carnation series boasts the best-branched habit on the market. Compact, double-bloomed Oscar puts on a strong, long-lasting show in small pots and in the garden.



Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 10 in. (15 to 25 cm)
USDA Hardiness Zone: 6a



Cherry+Velvet



Ⓟ 2 Ⓢ 2 Ⓢ B

Purple Star 21



Ⓟ 2 Ⓢ 2 Ⓢ B

Cherry+Velvet



Ⓟ 2 Ⓢ 2 Ⓢ B

Dark Red



Ⓟ 2 Ⓢ 2 Ⓢ B

Pink



Ⓟ 2 Ⓢ 2 Ⓢ B

Pink+Purple



Ⓟ 2 Ⓢ 2 Ⓢ B

Salmon



Ⓟ 2 Ⓢ 2 Ⓢ B

Salmon+White



Ⓟ 2 Ⓢ 2 Ⓢ B

Scarlet

NEW Carmen™ Dianthus

Dianthus caryophyllus

This Zone 5-hardy, true perennial overwinters better than any other true carnation on the market. Carmen features excellent uniformity and double blooms.

Height: 10 to 14 in. (25 to 36 cm)
Spread: 10 to 12 in. (25 to 30 cm)
USDA Hardiness Zone: 5b



Ⓟ 3 Ⓢ 2 Ⓢ B

Burgundy



Ⓟ 3 Ⓢ 2 Ⓢ B

Purple



Burgundy



Ⓟ 3 Ⓢ 2 Ⓢ B

Red

SuperTrouper™ Dianthus

Dianthus caryophyllus

This pot carnation collection is a strong performer in pots and gardens. SuperTrouper has an upright habit, double flowers, an excellent color range and a wonderful fragrance.

Height: 10 to 14 in. (25 to 36 cm)
Spread: 10 to 12 in. (25 to 30 cm)
USDA Hardiness Zone: 6a



Orange

NEW
Purple 21



NEW

Ⓟ 3 Ⓢ 2 Ⓢ B

Purple 21



NEW

Ⓟ 3 Ⓢ 2 Ⓢ B

White 21



Ⓟ 3 Ⓢ 2 Ⓢ B

Lavender+White



Ⓟ 4 Ⓢ 2 Ⓢ B

Magenta+White



Ⓟ 3 Ⓢ 3 Ⓢ B

Orange



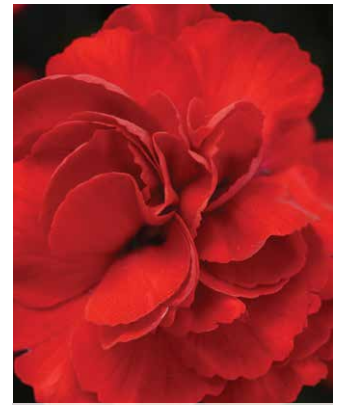
Ⓟ 3 Ⓢ 2 Ⓢ B

Pink+White



Ⓟ 3 Ⓢ 2 Ⓢ B

Red+White



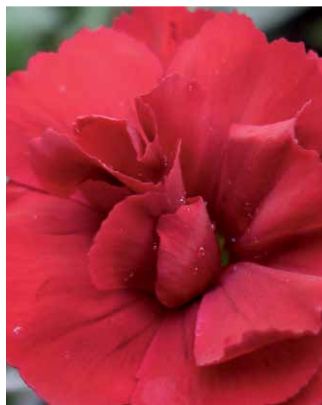
Ⓟ 3 Ⓢ 3 Ⓢ B

Scarlet



Ⓟ 4 Ⓢ 2 Ⓢ B

Silver Pink



Ⓟ 3 Ⓢ 2 Ⓢ B

Velvet Red



Ⓟ 3 Ⓢ 2 Ⓢ B

Velvet+White

EverLast™ Dianthus

Dianthus interspecific

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

Height: 8 to 12 in. (20 to 30 cm)
Spread: 10 to 14 in. (25 to 36 cm)
USDA Hardiness Zone: 5a



Ⓟ 3 Ⓢ 3 Ⓢ B

Burgundy Blush



Ⓟ 3 Ⓢ 2 Ⓢ B

Lavender+Eye



Orchid



Ⓟ 3 Ⓢ 2 Ⓢ B

Light Pink+Eye



Ⓟ 3 Ⓢ 2 Ⓢ B

Orchid



Ⓟ 3 Ⓢ 2 Ⓢ B

Raspberry Cream



Ⓟ 3 Ⓢ 2 Ⓢ B

Red+Pink



Ⓟ 2 Ⓢ 2 Ⓢ B

White+Eye

Dianthalot™ (Spreading) Dianthus

Dianthus cultivars

Dianthalot is a super-tough spreading dianthus series that blooms in Spring. Its spreading habit blooms continuously all Summer long and overwinters. No vernalization is required. Dianthalot is an excellent fast crop perennial for Spring planting and is great for large pots.

Height: 8 to 12 in. (20 to 30 cm)
Spread: 14 to 20 in. (36 to 51 cm)
USDA Hardiness Zone: 5a



Pink+Star and Dark Red+Star



Dark Red+Star



Pink+Star



Pink+Star

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 produces carpets of bright color for garden beds, landscapes and rock gardens that will grab attention from home gardeners at retail, increasing sell-through.

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



Golden Yellow



Orange+Eye



Magenta



Pink



White



White

Belleza® Gaura

Gaura lindheimeri

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

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

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

USDA Hardiness Zone: 6a to 9b



Ⓟ 2 Ⓟ 1 Ⓟ B

Compact Light Pink



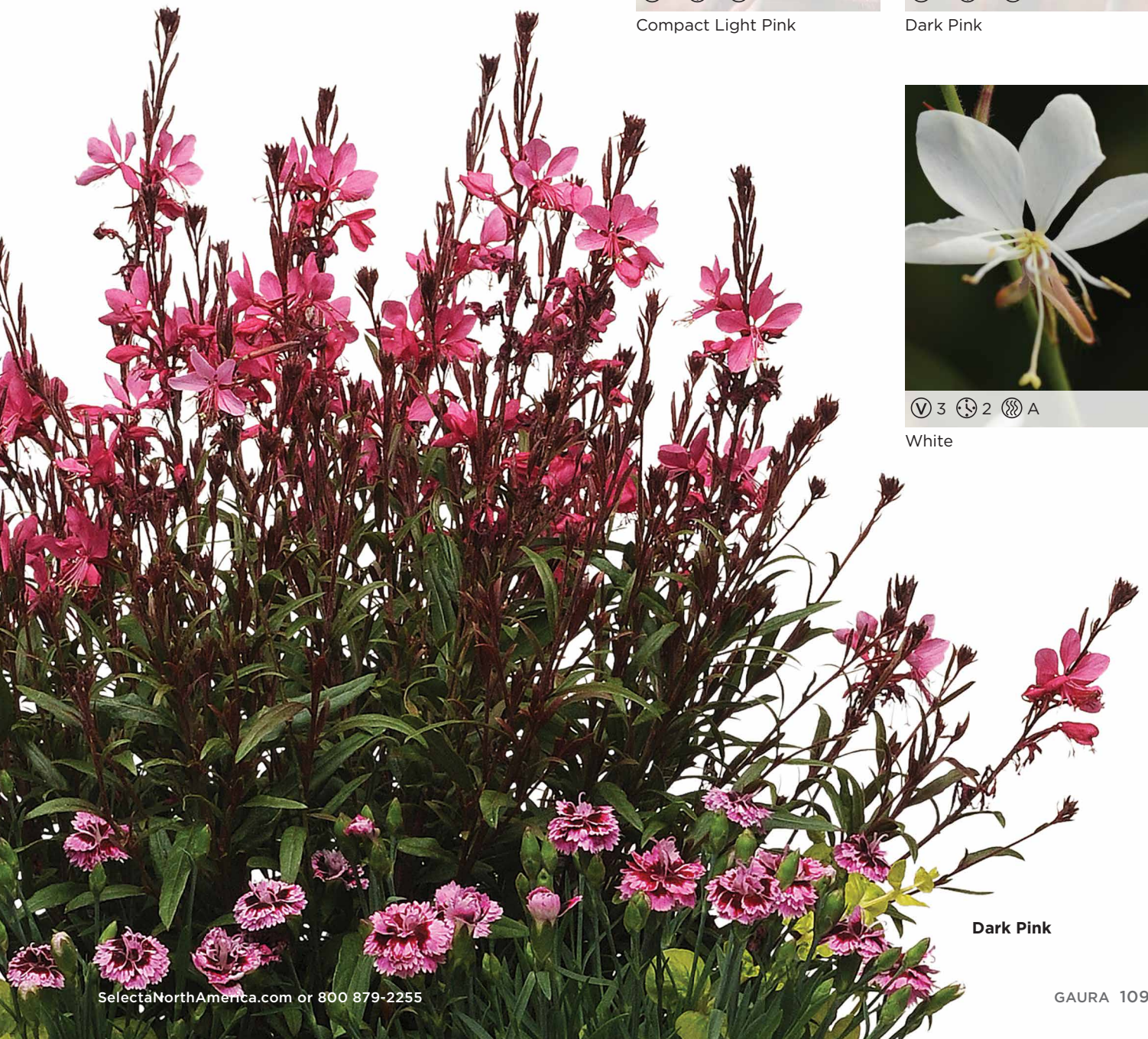
Ⓟ 4 Ⓟ 2 Ⓟ A

Dark Pink



Ⓟ 3 Ⓟ 2 Ⓟ A

White



Dark Pink

LaVela™ Lavender

Lavandula stoechas

This tender perennial works best as a colorful potted flowering plant and flowers for early-season sales. See retail sales soar high just like the beautiful presentation made by large flag and big bee on this well-branched Spanish Lavender. Compact Dark Violet 21 was upgraded for better shippability.

Height: 13 to 15 in. (33 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
USDA Hardiness Zone: 7a



Ⓟ 2 Ⓢ 2 Ⓢ B

LaVela Compact
Dark Violet 21



Ⓟ 2 Ⓢ 2 Ⓢ B

LaVela Compact Dark Pink



LaVela Dark Violet



Ⓟ 3 Ⓢ 1 Ⓢ B

LaVela Compact White



Ⓟ 3 Ⓢ 2 Ⓢ B

LaVela Dark Violet

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.

Height: 12 to 20 in. (30 to 51 cm)
Spread: 6 to 14 in. (15 to 36 cm)
USDA Hardiness Zone: 5a



Ⓟ 3 Ⓢ 2 Ⓢ A

Sweet Dreams Blue



Ⓟ 4 Ⓢ 2 Ⓢ A

Sweet Dreams Lavender

Herbs

selecta  [®]

Herbs

Explore the versatility of Selecta One's quality vegetative herb collection — an array of sweet and savory varieties. Add these herbs to your favorite recipes for a burst of flavor, and they work well in borders, too!



Lemon Verbena



Lemon Verbena
Lippia citriodora



Lemon Balm
Melissa officinalis



Moroccan
Mentha spicata



Common
Mentha x piperita



Chocolate Mint
Mentha x piperita



Greek Columbar
Ocimum basilicum



Italian
Origanum vulgare



Compactum
Origanum vulgare



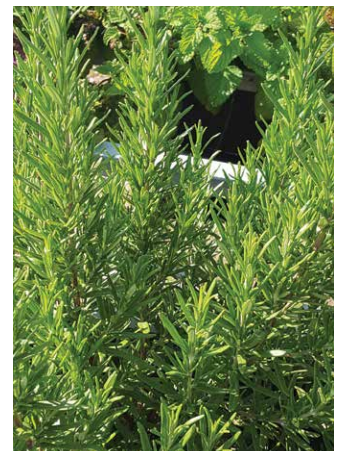
Hot & Spicy
Origanum vulgare



Marjoram
Origanum vulgare



Tuscan Blue
Rosmarinus officinalis



Perigord
Rosmarinus officinalis

Herbs continues on page 114

Herbs *Continued*



Prostratus
Rosmarinus officinalis



Common
Rosmarinus officinalis



Purpurascens
Salvia officinalis



Tricolor
Salvia officinalis



Berggarten
Salvia officinalis



Aurea
Salvia officinalis



Grower's Friend
Salvia officinalis



Compactus
Thymus x citriodorus



Doone Valley
Thymus x citriodorus



Silver Queen
Thymus x citriodorus



Spanish
Thymus x citriodorus



Faustinoi
Thymus vulgaris



Kitchen Herb Garden

Product Information

Product Forms

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



Unrooted cuttings

All Selecta One varieties are available as URC.

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



AutoStix® strip cuttings

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

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



Callused cuttings

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

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



Rooted cuttings

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

- Available from your preferred broker



Trixi®

Upgraded to customize the treatment of components, Trixi gives you a stronger start for a better finish of 100% complete and balanced color combos. For more information, see page 4 or go to SelectaNorthAmerica.com.

- Available from your preferred broker

Selecta One Clean & Field-Tested Varieties

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



Discontinued Selecta One Varieties for 2021

VARIETY	RECOMMENDED REPLACEMENT	VARIETY	RECOMMENDED REPLACEMENT
Arctotis Opera Fire	<i>no replacement available</i>	Geranium Ivy Royal Purple Red	Geranium Ivy Royal Dark Burgundy
Arctotis Opera Orange	<i>no replacement available</i>	Geranium Ivy Royal Salmon	Geranium Ivy Royal Pink
Arctotis Opera Rose	<i>no replacement available</i>	Helichrysum Silver Stitch	Helichrysum Silver Stitch 21
Argyranthemum Alessia	<i>no replacement available</i>	Impatiens New Guinea ColorPower Orchid Flame	Impatiens New Guinea ColorPower Lavender Flame
Argyranthemum LaRita Hot Pink	<i>no replacement available</i>	Impatiens New Guinea ImPower Electric Purple	Impatiens New Guinea ImPower Purple Blue
Argyranthemum LaRita Pink Lemonade	<i>no replacement available</i>	Impatiens New Guinea ImPower White Red Flame	Impatiens New Guinea ImPower Red Flame
Argyranthemum LaRita Red	<i>no replacement available</i>	Lavender LaVela Compact Dark Violet	Lavender LaVela Compact Dark Violet 21
Argyranthemum LaRita Rose	<i>no replacement available</i>	Mandevilla Magnetica Pink	Mandevilla Dundee Pink
Argyranthemum LaRita Salmon Pink	<i>no replacement available</i>	Nierembergia Lara Dark Blue	Convolvulus Early Blue
Argyranthemum LaRita Toffee	<i>no replacement available</i>	Nierembergia Lara White	Convolvulus Prime White
Argyranthemum LaRita White	<i>no replacement available</i>	Osteospermum 4D Lemon Ice	Osteospermum 4D Sunburst
Argyranthemum LaRita Yellow	<i>no replacement available</i>	Osteospermum FlowerPower White 20	Osteospermum FlowerPower Compact White
Bracteantha Mohave Dark Rose	Bracteantha Mohave Purple Red	Petunia Headliner Banana Cherry Swirl	Petunia Headliner Rose Star
Calynopsis Calceolaria Orange Red Eye	Calynopsis Calceolaria Orange	Petunia Headliner Dark Violet Picotee	Petunia Headliner Dark Violet Picotee 21
Dahlia Dahlietta Vicky	Dahlia Dahlietta Julia	Petunia Starlet Magenta	Petunia Starlet Burgundy
Dianthus EverLast Dark Pink	Dianthus EverLast Orchid	Petunia SweetSunshine Purple Picotee	Petunia SweetSunshine Magenta
Dianthus EverLast Lilac+Eye	Dianthus EverLast Lavender+Eye	Phlox Gisele Light Pink	Phlox Gisele Light Pink+Eye
Dianthus Oscar Purple Star	Dianthus Oscar Purple Star 21	Trixi Brass Band	Trixi Sunset
Dianthus SuperTrouper Butterfly Dark Red	Dianthus SuperTrouper Velvet Red	Trixi Double Date	Trixi Double Date 21
Dianthus SuperTrouper Lilac On Purple	Dianthus SuperTrouper Magenta+White	Trixi Fairy	<i>no replacement available</i>
Dianthus SuperTrouper Purple	Dianthus SuperTrouper Purple 21	Trixi Heat of the Moment	<i>no replacement available</i>
Dianthus SuperTrouper White	Dianthus SuperTrouper White 21	Trixi Sweet Candy 20	Trixi Batting Eyes
Gaura Belleza Pink	Gaura Belleza Dark Pink	Verbena Blues Neon	Verbena Blues Magenta+Eye
Geranium Ivy Royal Dark Red	Geranium Ivy Royal Dark Red 21		
Geranium Ivy Royal Lavender	Geranium Ivy Royal Amethyst		

Renamed Selecta One Varieties for 2021

VARIETY	2021 RENAME
Begonia Marshmallow	Begonia Compact Marshmallow
Bidens Namid Compact Yellow 20	Bidens Namid Compact Yellow
Calibrachoa MiniFamous Neo Light Pink+Eye 20	Calibrachoa MiniFamous Neo Light Pink+Eye
Calibrachoa MiniFamous Neo Purple 20	Calibrachoa MiniFamous Neo Purple
Calibrachoa MiniFamous Uno Double Red 20	Calibrachoa MiniFamous Uno Double Red
Calibrachoa MiniFamous Uno Pink 20	Calibrachoa MiniFamous Uno Pink
Dahlia Dahlietta Patty 20	Dahlia Dahlietta Patty
Delosperma Lido Orange+Eye 20	Delosperma Lido Orange+Eye
Geranium Ivy Royal Candy Cane 20	Geranium Ivy Royal Candy Cane
Geranium Zonal Sunrise Pink+Big Eye 20	Geranium Zonal Sunrise Pink+Big Eye
Osteospermum 4D Violet Ice 20	Osteospermum 4D Violet Ice
Osteospermum FlowerPower Compact Yellow 20	Osteospermum FlowerPower Compact Yellow
Osteospermum FlowerPower Purple Red	Osteospermum FlowerPower Compact Purple Red
Pericallis Senetti Blue Bicolor 20	Pericallis Senetti Blue Bicolor
Petunia Starlet Velvet 20	Petunia Starlet Velvet
Trixi Batting Eyes 20	Trixi Batting Eyes
Trixi Berry Daring 20	Trixi Berry Daring
Trixi Bolero 20	Trixi Bolero
Trixi Crazy for Crayons 20	Trixi Crazy for Crayons
Trixi Flamingo Feather 20	Trixi Flamingo Feather
Trixi Geisha Girl 20	Trixi Geisha Girl
Trixi Gold & Bold 20	Trixi Gold & Bold
Trixi La Bomba 20	Trixi La Bomba
Trixi Liberty Bell 20	Trixi Liberty Bell
Trixi Night Watch 20	Trixi Night Watch
Trixi Old Glory 20	Trixi Old Glory
Trixi Purple with a Purpose 20	Trixi Purple with a Purpose
Trixi Spring Valley 20	Trixi Spring Valley
Trixi Strawberry Shortcake 20	Trixi Strawberry Shortcake
Trixi Sunset 20	Trixi Sunset
Trixi Twinkle Star 20	Trixi Twinkle Star
Trixi Wild Berry 20	Trixi Wild Berry
Verbena Blues White 20	Verbena Blues White

Important Plant Protection & Licensing Information

COMMERCIAL NAME

Petunia (cont.)

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

VARIETY NAME

KLEPH20513
 KLEPH17319
 KLEPH15313
 KLEPH17342
 KLEPH14244
 KLEPH14267
 KLEPH18198
 KLEPH14248
 KLEPH14232
 KLEPH16321
 KLEPH14245
 KLEPH18389
 KLEPH14247
 KLEPH11217
 KLEPH15261
 KLEPH14273
 KLEPH20480
 KLEPH11204
 KLEPH11202
 KLEPH16274
 KLECO30333
 KLEPH12216
 KLEPH17300
 KLEPH09189
 KLEPH12226
 Balspunlu
 KLEPH19396
 Balspunburg
 KLEPH11199
 KLEPH17292
 KLEPH17365
 KLEPH14251
 KLEPH18034
 Balspunstar
 KLEPH19412
 KLEPH14253
 KLEPH19035
 Balspunwhi
 KLEPH13238
 KLEPH09191
 KLEPH17296
 KLEPH14241
 KLEPH13234
 KLEPH13235

Phlox

Gisele® Hot Pink
 Gisele® Light Pink+Eye
 Gisele® Light Violet
 Gisele® Pink
 Gisele® Purple
 Gisele® Red
 Gisele® Scarlet
 Gisele® White

KAZI14826
 KLEPX20585
 KAZI4828
 KAZI4750
 KLEPX20586
 KAZI20094
 KLEPX20088
 KAZI14830

Portulaca

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

KLEPO12820
 KLEPO14824
 KLEPO17022
 KLEPO14822
 KLEPO16012
 KLEPO14825

Salvia

Skyscraper™ Dark Purple
 Skyscraper™ Orange
 Skyscraper™ Pink

HYBSV16016
 HYBSV18020
 HYBSV16017

Sanvitalia

Tsavo™ Compact Yellow

KLESP14002

Scaevola

Fairy™ Blue
 Fairy™ Pink
 Fairy™ White

KLESC13594
 KLESC13595
 KLESC13596

Verbena

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

KLEVP13452
 KLEVP13461
 KLEVP12431
 KLEVP12430
 KLEVP12428
 KLEVP12427
 KLEVP14490
 KLEVP12429
 KLEVP12449
 KLEVP13425
 KLEVP15618
 KLEVP08383
 KLEVP12446
 KLEVP15483
 KLEVE03321
 KLEVP15474
 KLEVP12447
 KLEVP18004
 KLEVP11419
 KLEVP11423
 KLEVP19068
 KLEVP12434
 KLEVP15470
 KLEVP18010
 KLEVP12435
 KLEVP15622
 KLEVP15616
 KLEVP15611

Plant Protection

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

Propagation License Agreement

Only Selecta One Geranium, New Guinea Impatiens, Osteospermum, 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 cuttings and maintain stock plants. Canada Growers, please contact Ball Licensing Administration at (630) 588-3111 or (630) 588-3311.



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

Selecta One Image, Tag and Trademark Policy

All images featuring Selecta One products are to be used for promotional materials, including but not limited to point-of-purchase items, tags, advertising, catalogs, fliers, websites, etc. They may not be used without permission from Selecta One or Ball.

All images loaned by Selecta One are copyrighted and are the property of Selecta Klemm GmbH & Co. KG and its subsidiaries. They are loaned to customers for promotional use only. Images may not be sublicensed or resold. Any unauthorized use is strictly prohibited.

All loaned images must be used in connection with the proper trademarks. The correct commercial name and variety name must be listed on all images used in connection with any reproduction.

All tags used for Selecta One products must be supplied or approved by Selecta One or Ball. Tags must include the full commercial name of the product, proper trademark

(™ or ®) as applicable, variety name, patent information and the term "Propagation is Prohibited" or "Propagation Prohibited" as applicable and Selecta One-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.

Excluded Use

Merchandise is not intended for immediate or eventual sale to commercial growers, truck farmers, market gardeners or others who sell fruit or vegetables to the end user.

Mandatory Arbitration

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

Governing Law, Jurisdiction & Venue

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

Indemnity

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

Minimum Orders

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

Prices

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

Payment

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

Freight & Handling Charges, Inspection, Damaged Goods

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

Cancellation Policy

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

Notice & Return

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

Delays, Shortages & Substitutions

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

Plant Protection

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

Trademarks

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










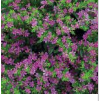


Sales Limitations

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

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

Annuals Rooting Guide

See page 126 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
	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 <i>Begonia boliviensis</i>	Compact Double Apricot, Mistral®	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.
	Begonia <i>Begonia cultivars</i>	Compact Marshmallow	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, overmisting, heavily saturated media and overly warm conditions.
	Calibrachoa <i>Calibrachoa cultivars</i>	MiniFamous® Neo	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 hybrida</i>	MiniFamous® Uno	20 mm	no	9 to 12	optional	4 to 5	optional	
	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 hybrida</i>	City Lights™	25 mm	yes	9 to 12	yes, B-Nine 1,500 PPM (S)	5	yes	
	Dahlia <i>Dahlia pinnata</i>	Dahlietta®	25 mm	yes	9 to 12	no	3 to 4	optional	Hormone will improve rooting. Night-break lighting (10 p.m.-2 a.m.) will reduce likelihood of tuber formation.

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

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

¹PGR 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







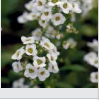
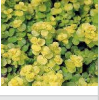

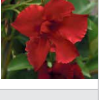

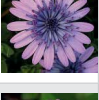


	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Dahlia <i>Dahlia hybrida</i>	Dalaya [®]	25 mm	yes	9 to 12	Apply B-Nine 1,500 PPM (S)	5	yes	Rooting hormone will even out rooting. Night interruption or extended day will help prevent tuber formation in short day seasons.
	Dahlia <i>Dahlia pinnata</i>	Venti [™]	25 mm	yes	9 to 12	Apply B-Nine 1,500 PPM (S)	5	yes	Begin feed regime as soon as roots are present to keep plant herbaceous. When propagating in short day season, give long days during liner growing.
	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 [™]	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>	Balcon, Decora, 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.
	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 (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.
	Geranium (Zonal) <i>Pelargonium x hortorum</i>	Super Moon Red	30 mm	yes	7 to 9	yes	5	no	Cycocel 750 PPM spray.
	Glechoma <i>Glechoma hederacea</i>	Variiegata	20 mm	no	6	no	4	yes	Vining plant; pinching will help with branching and with avoiding cross-tangling of cells.
	Helichrysum <i>Helichrysum italicum</i>	Silver	25 mm	optional	15	optional	5	no	

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

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

¹PGR 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



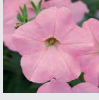

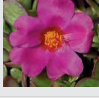
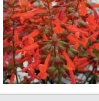
	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Heliotrope <i>Heliotropium arborescens</i>	Marino™	25 mm	optional	7 to 9	no	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	7 to 9	no	4	no	
	Lobelia <i>Lobelia cultivars</i>	Magadi™ Basket	20 mm	no	14	optional	4	yes	
	Lobelia <i>Lobelia cultivars</i>	Magadi™, Magadi™ Compact	25 mm	no	7 to 9	yes	4	recommended	Keep cuttings hydrated. Avoid overwatering of young plants.
	Lobularia <i>Lobularia maritima</i>	Featherlight	20/30 mm	no	10	optional	4	no	
	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	
	Mandevilla <i>Mandevilla sanderi</i>	Magnetica™	30/40 mm	optional	14	optional	6 to 8	no	
	Muehlenbeckia <i>Muehlenbeckia</i>	Muehlenbeckia	25/35 mm	optional	14 to 21	no	5 to 6	recommended	
	Osteospermum <i>Osteospermum hybrid</i>	4D™	25/35 mm	recommended	12 to 16	yes	4 to 5	no	Keep cuttings hydrated.
	Osteospermum <i>Osteospermum ecklonis</i>	Daisy Falls™	30 mm	yes	12 to 16	yes	4	optional	
	Osteospermum <i>Osteospermum ecklonis</i>	FlowerPower™ Compact, FlowerPower™ Spider, Zion™	25/35 mm	recommended	12 to 16	yes	4 to 5	no	Keep cuttings hydrated.

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

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

¹PGR 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


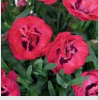



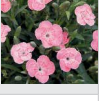

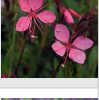


	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Pericallis <i>Senecio x hybrida</i>	Senetti*	25 mm	yes	21	optional	4	yes	Keep humidity high to ensure cuttings are kept moist. After 14 days of misting, cut misting time in half. Shade may be required to protect leaves. Use fertilizer once roots develop.
	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. For detailed culture on the Sky Petunias visit SelectaNorthAmerica.com/SkyPetuniaCulture
	Petunia <i>Petunia cultivars</i>	Main Stage™	30 mm	no	7 to 9	yes	4	optional	For detailed culture on the Sky Petunias visit SelectaNorthAmerica.com/SkyPetuniaCulture
	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.
	Salvia <i>Salvia cultivars</i>	Skyscraper™	25 mm	optional	14	yes	4	yes	Use B-Nine 2,500 PPM spray.
	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.
	Sedum <i>Sedum mexicanum</i>	Gold Mound	25/35 mm	no	12 to 18	no	5 to 6	no	
	Trixi*	Trixi recipes <i>Please ask for our detailed Tech Sheet</i>	N/A	N/A	N/A	N/A	N/A	TrixiLiners ship pinched	TrixiLiner is pinched, treated with PGR, and well-toned for best results.
	Verbena <i>Verbena cultivars</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.

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




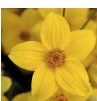



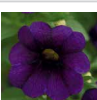

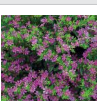


All recommendations are made to the best of our knowledge. We cannot accept any responsibility for the correctness of this information in unique situations. Please pay attention to product labels and test chemicals or new treatments first before applying large scale.

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

Perennials Rooting Guide

	Crop	Series/Variety	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA + NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) 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 cultivars</i>	Carmen™, Early Love™	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep very moist for the first 7 days, then reduce mist to avoid saturated media.
	Dianthus <i>Dianthus cultivars</i>	Dianthalot™, Pink Kisses™	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	Dianthus <i>Dianthus interspecific</i>	EverLast™	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	Dianthus <i>Dianthus caryophyllus</i>	Oscar®, SuperTrouper™	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep hydrated. Sensitive root system; avoid overwatering of young plants.
	Dianthus <i>Dianthus cultivars</i>	Peach Party™	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep moist for the first week in propagation, then back down on mist rapidly to avoid rot.
	Dianthus <i>Dianthus cultivars</i>	Purple Wedding™	25/35 mm	recommended	14 to 21	no	5 to 6	recommended	Keep cuttings 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.
	Lavandula <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 stoechas</i>	LaVela™	25 mm	no	14	no	6 to 7	yes	Use well-drained media. Avoid saturated media. Reduce mist early.

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
	Bacopa <i>Sutera grandiflora</i>	Big Falls™	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 <i>Begonia boliviensis</i>	Compact Double Apricot, Mistral®	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
	Begonia <i>Begonia cultivars</i>	Compact Marshmallow	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™	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™	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™	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
	Calibrachoa <i>Calibrachoa cultivars</i>	MiniFamous® Neo	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
	Calibrachoa <i>Calibrachoa hybrida</i>	MiniFamous® Uno	5.5-6.2	200-250 PPM N/ EC 2.0-2.4	keep evenly moist	65-80°F/55-65°F 18-27°C/13-18°C	optional	4,000 to 7,000
	Convolvulus <i>Convolvulus sabatius</i>	Early Blue, Prime White	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	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 hybrida</i>	City Lights™	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	high	65-77°F/55-65°F 18-25°C/13-18°C	yes	4,000 to 7,000
	Dahlia <i>Dahlia pinnata</i>	Dahlietta®	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	keep evenly moist	65-76°F/59-64°F 18-24°C/15-18°C	recommended	4,000 to 6,000

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 750-1,500 PPM (S), Sumagic 5-10 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Botrytis, Pythium	Cool temperatures and high light levels will improve plant quality. Pinch as needed for improved plant habit. Watch for Fe deficiency.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 2 ppp	8 to 10 weeks, 4 to 5 ppp
B-Nine 2,500 PPM (S), 250-500 PPM Cycocel (S)	Aphids, Botrytis, Pythium	Start late Spring when day length increases and temperatures rise. Let media dry out between watering. Avoid stretch. To avoid dormancy, tuberous Begonias require a minimum day length of 14 hrs. and a minimum temperature of 55°F/13°C.	7 to 8 weeks, 1 ppp	9 to 10 weeks, 1 ppp	9 to 12 weeks, 4 ppp
B-Nine 2,500 PPM (S), 250-500 PPM Cycocel (S)	Aphids, Botrytis, Pythium	Start late Spring when day length increases and temperatures rise. Let media dry out between watering. Avoid stretch. To avoid dormancy, tuberous Begonias require a minimum day length of 14 hrs. and a minimum temperature of 55°F/13°C.	7 to 8 weeks, 1 ppp	9 to 10 weeks, 1 ppp	9 to 12 weeks, 4 ppp
B-Nine 2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	5 to 7 weeks, 1 ppp	6 to 8 weeks, 1 to 2 ppp	6 to 9 weeks, 4 to 5 ppp
Sumagic 5-10 PPM (S), Bonzi 10-20 PPM (S)	Aphids, White Fly, Pythium	Cool temperatures and high light levels will improve plant quality.	6 to 7 weeks, 1 ppp	7 to 8 weeks, 2 ppp	8 to 10 weeks, 4 ppp (Mohave™ Basket Yellow)
none	Spider Mites	Provide cool temperatures and short days during bulking period. Provide long days (night interrupt) and cool to moderate temperatures for flower induction.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 ppp	13 to 15 weeks, 3 ppp
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 1,500 PPM (S), Bonzi 1 PPM (D)	Thielaviopsis, Powdery Mildew, Aphids, Mites		5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
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 PPM (S), B-Nine 1,000 PPM (S)/Cycocel 500 PPM (S) tank mix, Bonzi 2 to 4 PPM (D)	Pythium, Botrytis, Aphids, Thrips, Spider Mites, Mites, Root Rot, Powdery Mildew		5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
B-Nine 2,500-4,000 PPM (S), Cycocel 1,000-1,500 PPM tank mix (S)	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	

***Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES		
			Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day / Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles
	Dahlia <i>Dahlia hybrida</i>	Dalaya*	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	maintain even moisture and consistent fertility for best uniformity	65-68°F/55-65°F 18-26°C/13-18°C	yes	5,000 to 7,000
	Dahlia <i>Dahlia pinnata</i>	Venti™	5.8-6.2	200-250 PPM N/ EC 1.8-2.2	keep constantly moist	70-75°F/55-60°F 21-24°C/13-16°C	optional	4,000 to 7,000
	Diascia <i>Diascia cultivars</i>	Piccadilly™	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™	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™	5.8-6.2	175-225 PPM N/EC 1.8-2.0	keep evenly moist	65-70°F/50-55°F 18-21°C/10-13°C	recommended	5,000 to 6,000
	Geranium (Interspecific) <i>Pelargonium cultivars</i>	Marcada™	5.4-5.9	200-250 PPM N/ EC 1.8-2.0	moderate	55-80°F/50-68°F 13-27°C/10-20°C	optional	6,000+
	Geranium (Ivy) <i>Pelargonium peltatum</i>	Balcon, Decora, Royal™	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 (Ivy) <i>Pelargonium peltatum</i>	Glacier White	5.4-5.9	200-250 PPM N/ EC 1.8-2.0	moderate	55-80°F/50-65°F 13-27°C/10-18°C	yes	4,000 to 6,000
	Geranium (Zonal) <i>Pelargonium x hortorum</i>	Moonlight™, Sunrise™	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
	Geranium (Zonal) <i>Pelargonium x hortorum</i>	Super Moon Red	5.8-6.2	200-250 PPM N/ EC 1.8-2.0	grow on the dry side	65-77°F/55-65°F 18-25°C/13-18°C	optional	4,000 to 7,000
	Glechoma <i>Glechoma hederacea</i>	Variiegata	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

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




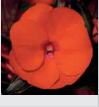


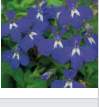
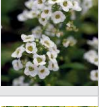
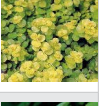

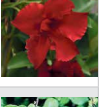

³ **Fertilizer needs:** Start with low concentrations after roots show and increase with plant development to the recommended levels.

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 1,500-2,500 PPM (S), B-Nine 1,500 PPM (S)/Cycocel 750 PPM (S) tank mix, Bonzi 2-4 PPM (D)	Thrips, Leafminers, Aphids, Botrytis	Night-break or extended day lighting during early Spring (natural short days) will help prevent tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 12 weeks, 3 to 4 ppp	
B-Nine 1,500 PPM/Cycocel 500 PPM (S), Paclobutrazol 1-2 PPM (D), Sumagic 0.5-1 PPM (D)	Aphids, Thrips, Powdery Mildew, Botrytis	Manage humidity and avoid irrigation over blooms to prevent botrytis and powdery mildew.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp	
B-Nine 2,500 PPM (S), Sumagic 3-5 PPM (S)/Sumagic 0.25 PPM (D)	Aphids, Pythium	Cool temperatures and high light levels will improve plant quality.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp	
B-Nine (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	
Cycocel (S) at 500-1,000 PPM, use a light spray to glisten.	Aphids, Spider Mites, Thrips, Botrytis, Pythium		6 to 7 weeks, 1 ppp	7 to 8 weeks, 1 ppp	10 to 12 weeks, 3 ppp	
Cycocel 750-1,000 PPM + B-Nine 1,500-2,500 PPM tank mix (S), Bonzi 2-5 PPM (S)/Cycocel 750-1,500 PPM (D)	Thrips, Fungus Gnats, Spider Mites, Rust, Botrytis, Pythium	Maintain temperature and grow the crop on the dry side, but avoid drying out, as this will slow growth (plants will push flowers). Provide excellent air circulation.	8 to 10 weeks, 1 ppp	10 to 12 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp	
Use Cycocel (S) at a rate of 500-1,000 PPM as needed.		Water in mornings only to prevent oedema.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 ppp	12 to 16 weeks, 3 ppp	
Cycocel 750-1,000 PPM + B-Nine 1,500-2,500 PPM tank mix (S), Sumagic 1-3 PPM (S), Bonzi 2-5 PPM (S)	Thrips, Fungus Gnats, Spider Mites, White Fly, Rust, Botrytis, Pythium	Maintain temperature and grow the crop on the dry side, but avoid drying out, as this will slow growth (plants will push flowers). Provide excellent air circulation.	8 to 12 weeks, 1 ppp	12 to 14 weeks, 1 ppp	12 to 14 weeks, 3 to 4 ppp	
Cycocel 700-1,500 PPM (S)	Botrytis, Pythium, Ralstonia, Xanthomonas, Mites, Worms/Caterpillars		7 to 10 weeks, 1 ppp	8 to 12 weeks, 1 ppp	10 to 14 weeks, 1 to 3 ppp	
		An easy-to-root vine that can grow aggressively if fed and watered well.	5 to 6 weeks, 1 ppp	6 to 8 weeks, 3 ppp	10 to 12 weeks, 4 ppp	

***Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day / Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Helichrysum <i>Helichrysum italicum</i>	Silver	5.8-6.2	moderate	moderate	60-70°F/45-55°F 16-21°C/7-13°C	no	4,000 to 7,000	
	Heliotrope <i>Heliotropium arborescens</i>	Marino™	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™	6.2-6.5	100-150 PPM N/EC 1.4-1.8	grow on the dry side	68-79°F/55-64°F 20-26°C/13-18°C	no	4,000 to 9,000	
	Impatiens (New Guinea) <i>Impatiens hawkeri</i>	ColorPower™	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	
	Impatiens (New Guinea) <i>Impatiens hawkeri</i>	ImPower™	5.8-6.2	100-150 PPM N/EC 1.4-1.8	keep constantly moist	70-78°F/65-68°F 21-26°C/18-20°C	no	3,000 to 5,000	
	Lobelia <i>Lobelia cultivars</i>	Magadi™ Basket	5.8-6.2	200-250 PPM N/ EC 1.8-2.0	grow on the dry side	65-77°F/50-65°F 18-25°C/10-18°C	yes	3,000 to 6,000	
	Lobelia <i>Lobelia cultivars</i>	Magadi™, Magadi™ Compact	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	
	Lobularia <i>Lobularia maritima</i>	Featherlight	5.8-6.2	150-200 PPM N constant feed	moderate	60-85°F/50-65°F 16-29°C/15-18°C	no	5,000 to 7,000	
	Lysimachia <i>Lysimachia nummularia</i>	Goldilocks	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	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	
	Mandevilla <i>Mandevilla sanderi</i>	Magnetica™	5.6-6.2	150-200 PPM N constant balanced feed	moderate	75-95°F/60-75°F 24-35°C/16-24°C	no	5,000 to 7,000	
	Muehlenbeckia <i>Muehlenbeckia</i>	Muehlenbeckia	5.8-6.5	100-150 PPM N/ EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	

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






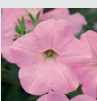
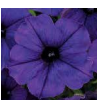


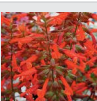

³ **Fertilizer needs:** Start with low concentrations after roots show and increase with plant development to the recommended levels.

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 1,500 PPM (S)					
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
none	Aphids, Spider Mites, Thrips, Pythium, Botrytis		4 to 6 weeks, 1 ppp	6 to 8 weeks, 1 to 2 ppp	8 to 12 weeks, 4 to 5 ppp
B-Nine 2,500 PPM (S), Bonzi 2 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium, Rhizoctonia				
B-Nine 1,500-2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp
not recommended	Pythium, Spider Mites		5 to 6 weeks, 1 ppp	6 to 7 weeks, 1 ppp	10 to 12 weeks, 3 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
not recommended	Spider Mites, Pythium		10 to 12 weeks, 1 ppp, staked	12 to 16 weeks, 2 to 3 ppp, trellised	14 to 18 weeks, 3 to 5 ppp, trellised
none	Mites		8 to 10 weeks (varies seasonally), 1 ppp	10 to 12 weeks (varies seasonally), 1 to 3 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp

***Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

Annuals Finishing Guide

	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day / Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Osteospermum <i>Osteospermum hybrid</i>	4D™	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™	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>	FlowerPower™ Compact, FlowerPower™ Spider, Zion™	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	
	Pericallis <i>Senecio x hybrida</i>	Senetti®	5.5-6.0	medium 260 PPM	light	55-75°F/55-75°F 13-24°C/13-24°C	yes	5,000 to 6,000	
	Petunia <i>Petunia cultivars</i>	Headliner™, SweetSunshine™	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	
	Petunia <i>Petunia cultivars</i>	Main Stage™	5.8-6.2	250-300 PPM N/ EC 2.0-2.4	keep moist	65-75°F/50-60°F 18-24°C/15-16°C	yes	5,000 to 8,000	
	Petunia <i>Petunia cultivars</i>	Starlet™	5.4-5.8	250-300 PPM N/ EC 2.0-2.4	keep constantly moist	65-75°F/50-60°F 18-24°C/15-16°C	recommended	5,000 to 6,000	
	Phlox <i>Phlox cultivars</i>	Gisele®	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™	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	
	Salvia <i>Salvia cultivars</i>	Skyscraper™	5.8-6.2	moderate	moderate	65-77°F/55-65°F 18-25°C/13-18°C	yes	4,000 to 7,000	
	Sanvitalia <i>Sanvitalia procumbens</i>	Tsavo™	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	

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
Cycocel 750-1,500 PPM (S), Cycocel 750-1,500 PPM (D), Sumagic 5-10 PPM (S)/ Sumagic 0.5-1 PPM (D)	Thrips, White Fly, Aphids, Botrytis, Pythium, Rhizoctonia	It is recommended to NOT use B-Nine on 4D osteos, as it may have a negative effect on the expression of double flowers.	10 to 13 weeks, 1 ppp	11 to 14 weeks, 1 ppp	12 to 15 weeks, 3 ppp
B-Nine/Cycocel (S), or low-level Bonzi 0.5-1 PPM (D)	Aphids, Thrips, Botrytis, Pythium		9 to 12 weeks, 1 ppp	10 to 13 weeks, 1 ppp	10 to 14 weeks, 3 ppp
Cycocel 1,000 PPM + B-Nine 2,500 PPM tank mix (S), Sumagic 5-10 PPM (S)/ Cycocel 750-1,500 PPM (D), Sumagic 0.5-1 PPM (D), Bonzi 0.5-3 PPM (D)	Aphids, White Fly, Thrips, Botrytis, Pythium	Pinch after plants have rooted into the media and are well-developed, but avoid stretch. Cool temperatures and high light levels will improve plant quality.	9 to 12 weeks, 1 ppp	10 to 13 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
B-Nine 2,000 PPM (S) every 14 days.	Aphids, Mites, White Fly, Thrips, Powdery Mildew, Thielaviopsis	Avoid overwatering, avoid frost; shade in last three weeks of finishing may cause stretch.	10 to 20 weeks, 1 ppp	10 to 20 weeks, 1 ppp	10 to 20 weeks, 1 ppp
B-Nine 2,500 PPM (S), Sumagic 20-30 PPM (S)/ Sumagic 0.5 PPM (D), Bonzi 2-4 PPM (D)	Aphids, Thrips, Leafminer, White Fly, Powdery Mildew, Pythium	Cool temperatures and high light levels will improve plant quality. Watch Fe deficiency.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	9 to 12 weeks, 3 to 4 ppp
B-Nine 2,500-3,000 PPM (S), Bonzi 2-4 PPM (D)	Spider Mites, Thrips, Botrytis, Tobacco Mosaic Virus		4 to 6 weeks, 1 ppp	6 to 8 weeks, 1 ppp	10 to 12 weeks, 3 ppp
B-Nine 2,500 PPM (S), Sumagic 20-30 PPM (S)/ Sumagic 0.5 PPM (D), Bonzi 2-4 PPM (D)	Aphids, Thrips, Leafminer, White Fly, Powdery Mildew, Pythium	Cool temperatures and high light levels will improve plant quality. Watch Fe deficiency.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	9 to 12 weeks, 3 to 4 ppp
B-Nine 1,500-2,000 PPM (S)	Thrips, Pythium, Powdery Mildew	Avoid 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)	Mites		4 to 5 weeks, 1 ppp	5 to 7 weeks, 1 ppp	8 to 10 weeks, 1 to 3 ppp
B-Nine 2,500 PPM (S), Sumagic 2-5 PPM (S)	Aphids, Spider Mites, Pythium	Start late Spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 7 weeks, 1 ppp	8 to 9 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp

***Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

Annuals Finishing Guide

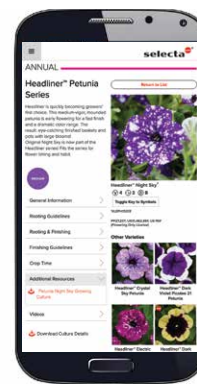
	Crop	Series/Variety	ROOTING & FINISHING			FINISHING GUIDELINES			
			Media pH ²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day / Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Scaevola <i>Scaevola aemula</i>	Fairy™	5.4-5.8	200-250 PPM N/ EC 1.8-2.0	grow on the dry side	68-78°F/62-65°F 20-26°C/17-18°C	yes	5,000 to 6,000	
	Sedum <i>Sedum mexicanum</i>	Gold Mound	5.8-6.5	100-150 PPM N/ EC 1.4-1.8	grow on the dry side	65-70°F/50-55°F 18-21°C/10-13°C	optional	5,000 to 6,000	
	Trixi®	Trixi recipes <i>Please ask for our detailed Tech Sheet</i>	5.4-5.8	200-250 PPM N/ EC 1.8-2.0	keep constantly moist	70-75°F/55-60°F 21-24°C/13-16°C	a second pinch is recommended	5,000 to 6,000	
	Verbena <i>Verbena cultivars</i>	BeBop™	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 cultivars</i>	Blues™, Lascar™, Pops™	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
Sumagic 5-10 PPM (S), Bonzi 10-20 PPM (S)/Bonzi 0.5-1 PPM (D)	Botrytis, Pythium, Phytophthora	Start late Spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 7 weeks, 1 ppp	8 to 10 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp
none			8 to 10 weeks (varies seasonally), 1 ppp	10 to 12 weeks (varies seasonally), 1 to 3 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp
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 PPM (S)	Thrips, Aphids, White Fly, Leafminer, Powdery Mildew	Let media dry out between watering. Avoid stretch, and pinch as needed to improve plant habit.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	8 to 10 weeks, 3 to 5 ppp




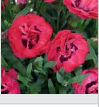

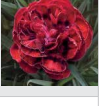
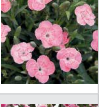
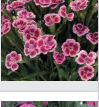
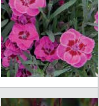
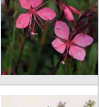




SelectaNorthAmerica.com
“How-to-grow” info at your fingertips

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

***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™	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>	Carmen™	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>	Dianthalot™	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 cultivars</i>	Early Love™	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 interspecific</i>	EverLast™	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 caryophyllus</i>	Oscar®, SuperTrouper™	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>	Peach Party™	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™	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	
	Dianthus <i>Dianthus cultivars</i>	Purple Wedding™	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	
	Gaura <i>Gaura lindheimeri</i>	Belleza®	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™	5.8-6.2	100-150 PPM N constant feed	moderate	50-90°F/38-68°F 15-32°C/3-20°C	yes	5,000 to 7,000	
	Lavender <i>Lavandula stoechas</i>	LaVela™	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	

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
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 PPM (S)	Spider Mites, Fusarium	Remove early flower buds to promote branching. Cool temperatures and high light levels are ideal.	12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	18 to 20 weeks (varies seasonally), 3 to 5 ppp
B-Nine 2,500 PPM (S), 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 (varies seasonally), 1 ppp	12 to 20 weeks (varies seasonally), 2 ppp	12 to 20 weeks (varies seasonally), 4 to 5 ppp
Bonzi 1-2 PPM (S)	Spider Mites, Fusarium	Remove early flower buds to promote branching. Cool temperatures and high light levels are ideal.	10 to 12 weeks (varies seasonally), 1 ppp	12 to 14 weeks (varies seasonally), 1 to 2 ppp	12 to 14 weeks (varies seasonally), 3 to 5 ppp
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	16 to 22 weeks (varies seasonally), 4 to 5 ppp
Bonzi 1-2 PPM (S) only if needed	Spider Mites, Fusarium		12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	14 to 16 weeks (varies seasonally), 3 to 5 ppp
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S); PGRs are optional.	Spider Mites, Rust, Fusarium	Leave early flowers on plant. Blooms last a long time.	14 to 20 weeks (varies seasonally), 1 ppp	16 to 22 weeks (varies seasonally), 2 ppp	
Bonzi 2-4 PPM (S) if needed	Spider Mites, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	12 to 14 weeks (varies seasonally), 1 ppp	14 to 16 weeks (varies seasonally), 1 to 2 ppp	14 to 16 weeks (varies seasonally), 3 to 5 ppp
B-Nine 2,500 PPM (S), Sumagic 15-20 PPM (S)/Bonzi 30-40 PPM (S)	White Fly, Aphids, Root Rot, Botrytis	Avoid stretch; pinch early for better plant development.	7 to 9 weeks, 1 ppp	9 to 12 weeks, 1 to 2 ppp	10 to 13 weeks, 3 to 4 ppp
not recommended	Spider Mites, Fusarium		14 to 16 weeks, 1 ppp	16 to 20 weeks, 1 to 2 ppp	
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

***Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.



Rooted Cuttings

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

U.S. Root & Sell Stations

Amos Zittel & Sons

3275 Webster Rd.
Eden, NY 14057
Phone (716) 649-6340
Fax (716) 649-6347

Ball Tagawa

819 Zenon Way
Arroyo Grande, CA 93420
Phone (805) 481-7526
Fax (805) 431-2192

DGI Propagators

7073 40th Ave.
Hudsonville, MI 49426
Phone (616) 669-0552
Fax (616) 669-2557

Dickman Farms

13 Archie Street
Auburn, NY 13021
Phone (315) 253-3030
Fax (315) 253-3377

DS Cole Growers

251 N. Village Road
Loudon, NH 03307
Phone (603) 783-9561
Fax (603) 783-9562

**Esbenshade's
Greenhouses, Inc.**

546 A East 28th
Division Highway
Lititz, PA 17543
Phone (717) 626-7000
Fax (717) 626-7302

Fessler Nursery Co.

12666 Monitor McKee Road
NE Woodburn, OR 97071
Phone (503) 634-2448
Fax (503) 634-2866

GreenLeaf (Dianthus only)

2369 Old Philadelphia Pike
Lancaster, PA 17602
Phone (800) 321-9573
Fax (717) 299-7162

Gro'n Sell, Inc.

320 Lower State Road
Chalfont, PA 18914
Phone (215) 822-1276
Fax (215) 997-1770

**Hardy Starts by
Welby Gardens**

2761 East 74th Avenue
Denver, CO 80229
Phone (303) 288-3398
Fax (303) 287-9316

Knox Horticulture

940 Avalon Road
Winter Garden, FL 34787
Phone (800) 441-5669
Fax (407) 654-2302

Lucas Greenhouses

1049 Whig Lane
Monroeville, NJ 08343
Phone (856) 881-0234
Fax (856) 881-2502

Mast Young Plants, Inc.

6564 Peach Ridge Avenue NW
Grand Rapids, MI 49544
Toll Free (800) 541-3910
Phone (616) 784-0583
Fax (616) 784-3136

**N G Heimos Greenhouses -
Millstadt**

6627 IL Rte. 158
Millstadt, IL 62260
Phone (866) 444-4590
Fax (618) 476-9244

Plantpeddler, Inc.

530 2nd Avenue SW
Cresco, IA 52136
Phone (800) 827-1654
Fax (563) 547-5712

Plug Connection

2627 Ramona Drive
Vista, CA 92084
Phone (760) 631-0992
Fax (760) 940-1555

**Raker-Roberta's
Young Plants**

10371 Rainey Road
Litchfield, MI 49252
Phone (517) 542-2316
Fax (517) 542-2565

Sunbelt Greenhouses

200 Thompson Drive
Douglas, GA 31535
Phone (912) 384-3806
Fax (912) 384-0502

**Van de Wetering
Greenhouses Inc.**

5784 Sound Avenue
Jamesport, NY 11947
Phone (631) 722-8757
Fax (631) 722-8765

Van Wingerden Greenhouses

8210 Portal Way
Blaine, WA 98230
Phone (360) 366-3906
Fax (360) 366-3911

Wagner Greenhouses

6024 Penn Avenue South
Minneapolis, MN 55419
Phone (612) 922-1262
Fax (612) 927-7126

Wenke Greenhouses

2525 North 30th Street
Kalamazoo, MI 49048
Phone (269) 349-7882
Fax (269) 373-6166

Canada Root & Sell Stations

**George Sant & Sons
Greenhouses**

11831 Cold Creek Road
Kleinburg, ON L0J 1C0
Phone (905) 893-1592

Les Serres Frank Zyromski

1853 Chemin Laliberté
Rivière-Rouge, QC J0T 1T0
Phone (819) 275-5156
Fax (819) 275-7976

Van Wingerden Greenhouses

8210 Portal Way
Blaine, WA 98230
Phone (360) 366-3906
Fax (360) 366-3911
Servicing Western Canada

Westcan Greenhouses

2527 210 Street, Langley Twp,
BC V2Z 2A9
Phone (604) 530-9298
Fax (604) 530-9966

Unrooted Cuttings & Callused Cuttings

Unrooted cuttings and callused cuttings exclusively through Ball Seed.

Ball Seed

ballseed.com/webtrack
Ball Seed: 800 879-2255
Ball ColorLink®: 800 686-7380

Visit SelectaNorthAmerica.com for Current Terms & Conditions of Sale.

© 2020 Ball Horticultural Company 2091778

BALL is a registered trademark of Ball Horticultural Company in the U.S.

™ denotes a trademark of and ® denotes a registered trademark of Selecta Klemm GmbH & Co. KG in the U.S., which may be registered in other countries.