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Key to Symbols

17 Upgraded Variety

Varieties noted as 17 represent a significant improvement compared to last year's genetics. | Les variétés indiquées par la mention 17 représentent une amélioration significative comparativement à la génétique de l'année passée. | Las variedades marcadas con 17 indican un mejoramiento significativo, comparado con la genética del año anterior.



Top

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

High Density

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

2 for 1

Selecta automatically ships twice the amount of URCs ordered for the same great price. RCs are two cuttings per cell. | Selecta envoie deux boutures non enracinées pour le même prix. Boutures racinées deux par cellules. | Selecta envía automáticamente dos veces la cantidad de URC pedida por el mismo precio. El RC son dos tallos por cubiculo.

Vigor | Vigueur | Crecimiento

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

🕓 Flowering Time | Floraison | Floración

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

Meat Tolerance | Tolérance á la chaleur | Tolerancia al Calor

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

Size counts

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



SMALL POT & BASKET



MEDIUM POT & BASKET



LARGE POT & BASKET











Feast of colors

Trixi® has colors to celebrate every day! Our unique and exciting mixes show beautifully in both containers and baskets and will suit every mood and occasion!

This innovative collection continues to grow with 12 new and improved mixes that will wow shoppers. Many of the varieties in the Trixi combos have been bred and upgraded specifically for better combo performance in multiliner mixes!















Creative, colorful Trixi® mixes keep on coming!

Our expanded selection of combos brightens any space. Bring more excitement and color into your world with these unique mixes. Choose from Mono Combos or Multi-Species Combos.

Mono Combos

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







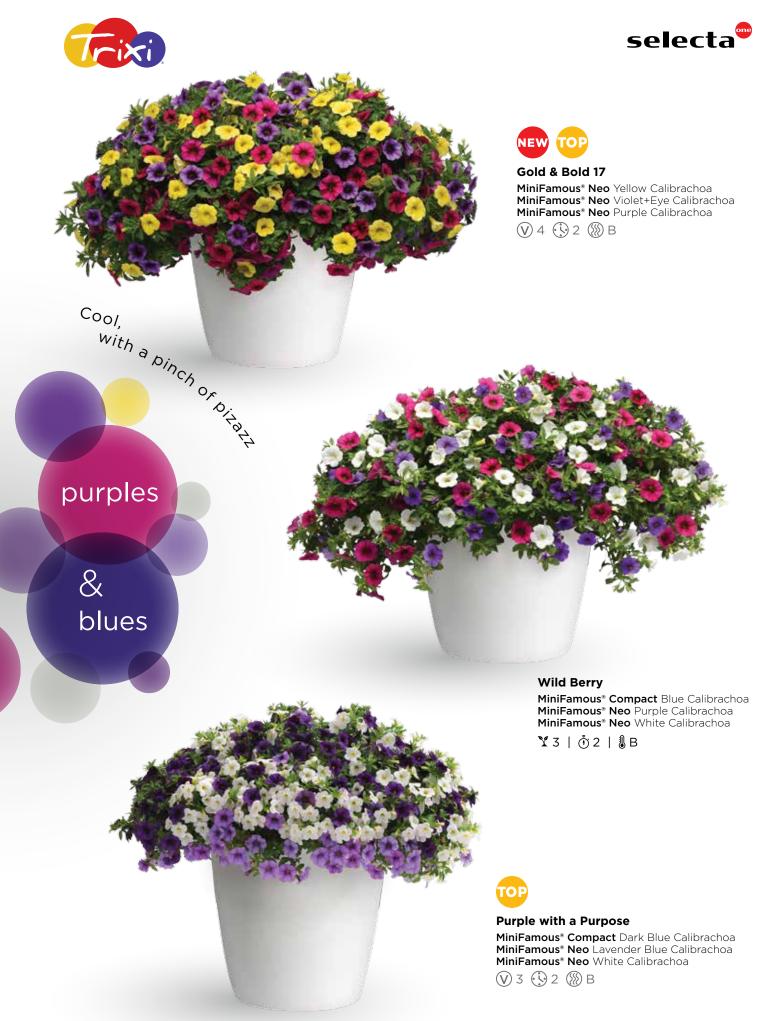
Mix things up with three colors and different classes that grow and show brilliantly in combination.





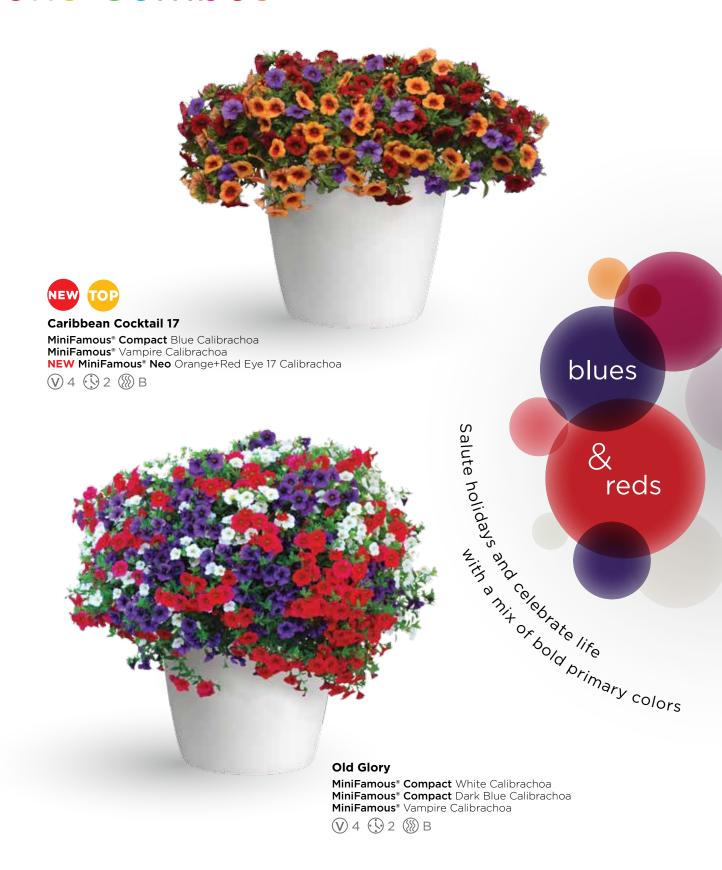
























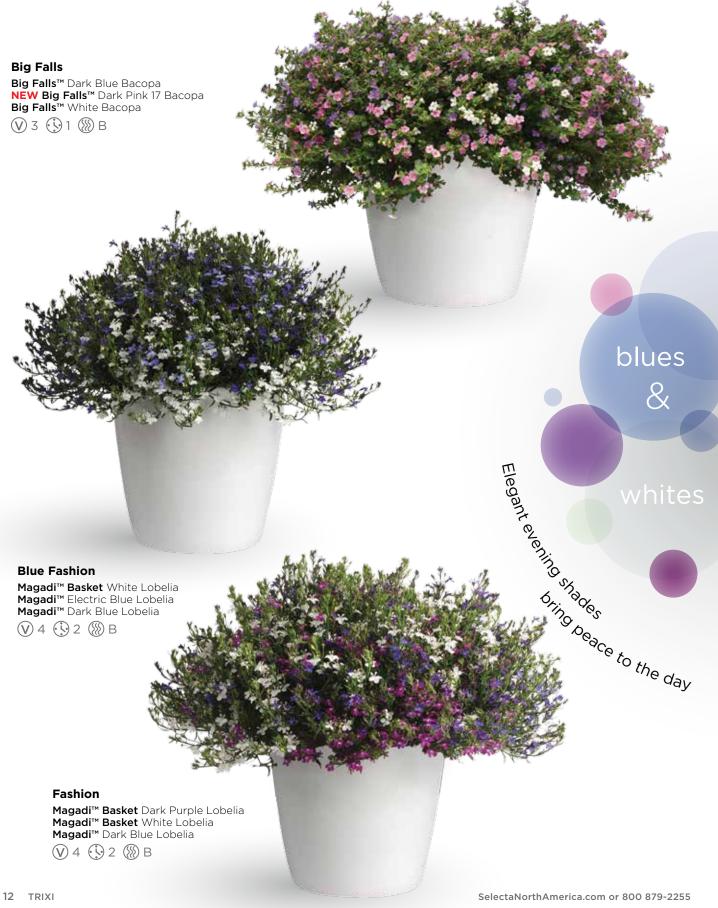






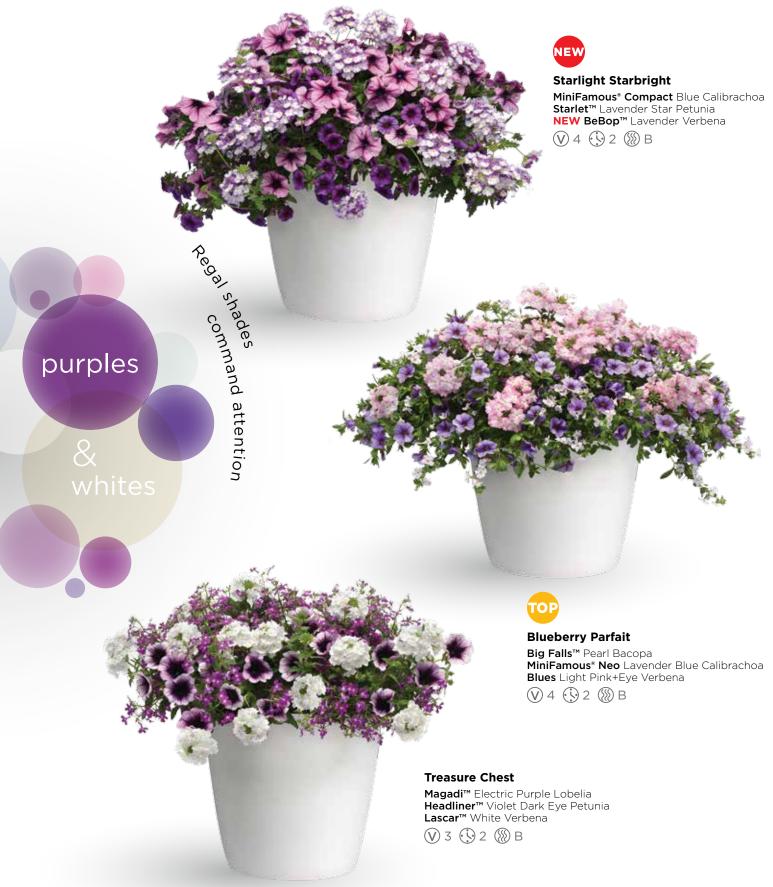






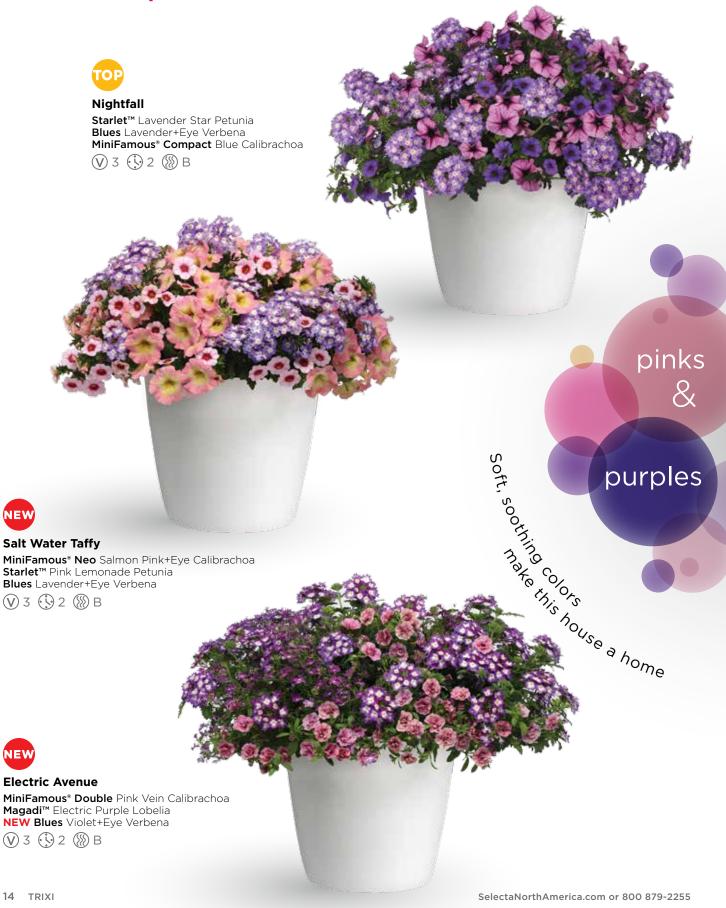


















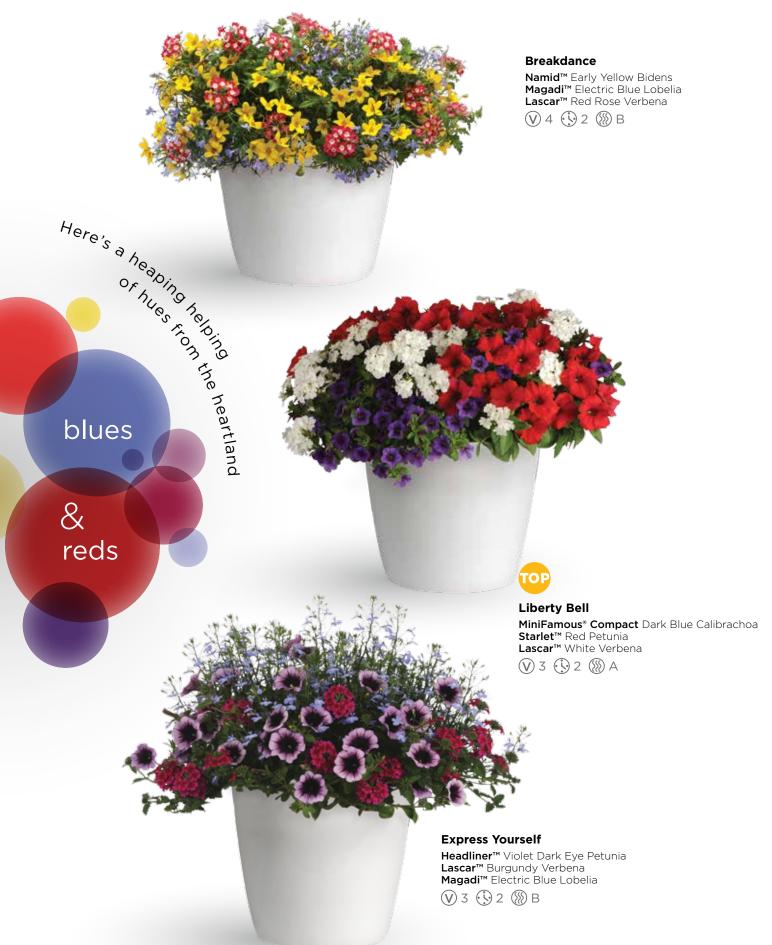








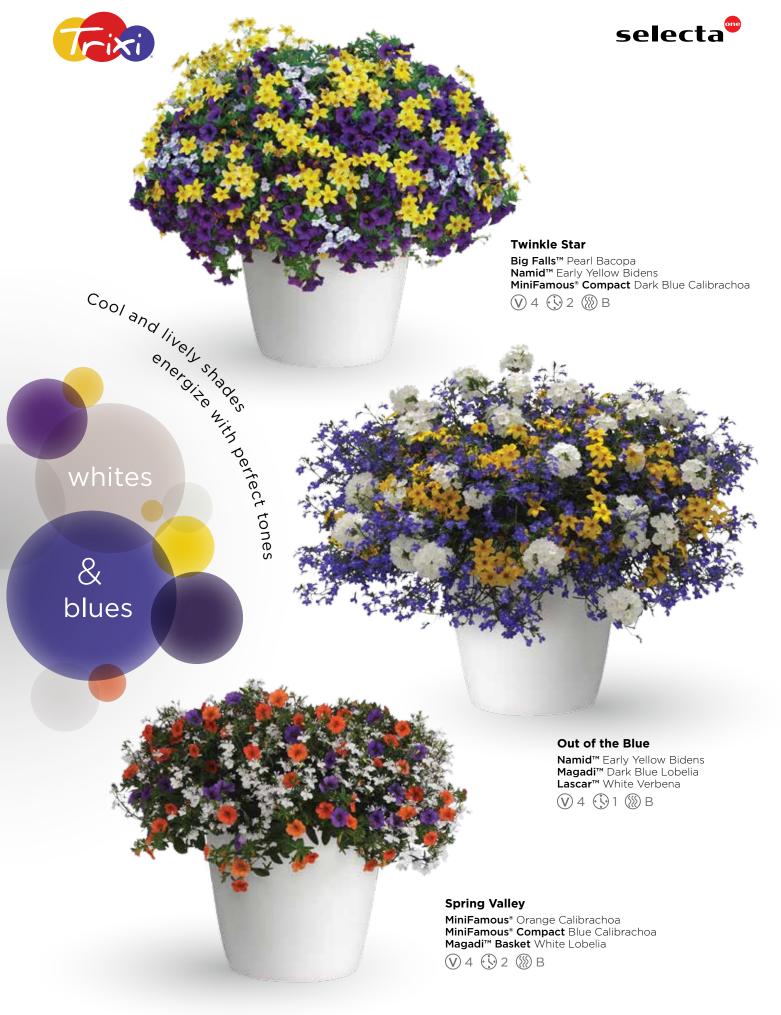


























Unique pots and tags show shoppers where to find the Trixi mixes they've come to love.

Trixi tags tell gardeners what they need to know to succeed and are available from your favorite supplier. Tags are sold in bundles of 50 and ship directly from the manufacturer. Contact The John Henry Company directly for larger format custom tags.



Angelina™ Angelonia

Angelonia angustifolia

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



Arctotis sp.

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









(V) 4 (₹) 3 (₹) A



√ 2 (3) 1 (8) C



(V) 2 (₹) 1 (₹) C



(V) 4 (S) 3 (SS) A



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√ 1
√ C



Madeira™ Argyranthemum

Argyranthemum frutescens

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



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



√ 2
√ 2
∅ C



♥ 2 **♦** 1 **((()** C



♥3 **♦**2 **(**(()) C



(V) 2 (S) 2 (S) C



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√ 1
∅ C



(V) 2 (S) 2 (S) C



Big Falls[™] Bacopa

Sutera grandiflora

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















Big Falls White Bacopa √ 3
√ 1
∅ B

(V) 3 (₹) 1 (₹) B

Butterfly Argyranthemum

Argyranthemum frutescens

A classic flower with an upright habit.



(V) 4 (\(\frac{1}{2}\) 3 (\(\frac{1}{2}\)) A



Bonfire® Orange Begonia

Begonia boliviensis

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





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









Mistral[™] Begonia

Begonia boliviensis

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









California Sunlight Begonia

Begonia boliviensis

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



(V) 2 (S) 1 (S) A

Fiery Orange Begonia

Begonia cultivars

Boliviensis cross offers excellent cutting performance for reliable production. Exciting semidouble orange blooms complement a compact, wellbranched plant.





(V) 2 (S) 2 (S) B

Marshmallow Begonia

Begonia cultivars

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





√ 1 (3) 2 (3) B



Namid[™] Bidens

Bidens ferulifolia

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





Early Yellow

Mixed containers.

Airy habit mixes well.



√ 2 < √ 2 < ∅ B
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Special Yellow

The habit of Compact Yellow with more vigor.







Compact Yellow

Small pots.
Southern market favorite.



♥1 **♥**1 **◎**B

Compact Double Yellow

Small pots.
Whimsical double blooms.





Mohave[™] Bracteantha

Bracteantha bracteata

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















Calibrachoa

Create excitement and build sales for your calibrachoa program with Selecta One. We are the only source of singles, doubles and stars, available in dozens of colors. Selecta One has the only double calibrachoa in the U.S. Choosing the right pot or basket size to achieve the best results is EASY with the handy guide at the right.







SMALL POT

Close Up





SMALL POT & BASKET

MiniFamous® Compact pg 34

MiniFamous® Double Compact pg 36





MEDIUM POT & BASKET

MiniFamous® Neo

NEW StarShine™ pg 40





LARGE POT & BASKET

MiniFamous® pg 41

MiniFamous® Double pg 42

NEW StarShine Violet, MiniFamous Double Compact Lemon and NEW MiniFamous Neo White+Yellow Eye Calibrachoa





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











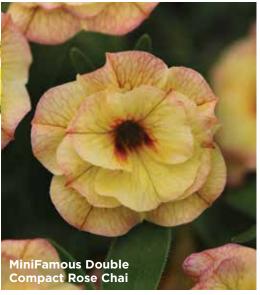
MiniFamous® Double Compact



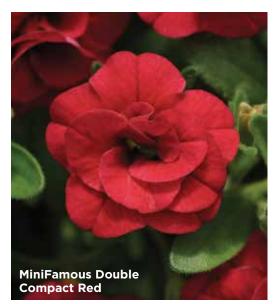
Compact Lemon







(V) 1 (⅓) 2 (∭) B







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√ 1
∅ A



√ 2 √ 2 ∅ A



Unique standalone variety with a new flower form! Semi-double calibrachoa boasts bright pink blooms with a twist of white.







MiniFamous® Neo

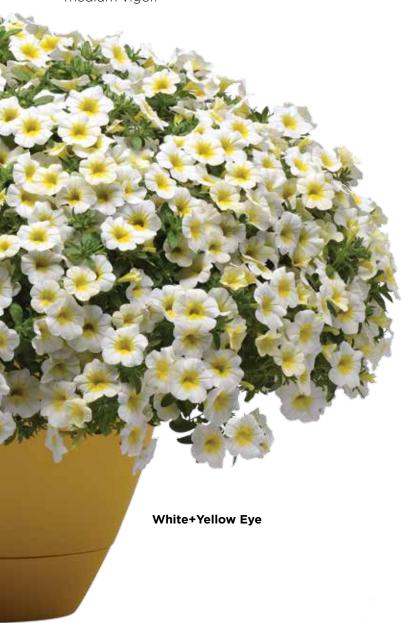
MEDIUM POT & BASKET

Calibrachoa cultivars

If there is one series of calibrachoa you absolutely must try, it is MiniFamous Neo. It offers consistency across the entire series. Neo has the tightest bloom window and provides the uniform habit and flowering time growers seek, along with the excellent performance today's consumers demand. Early flowering with a five-day flowering window, large single blooms, semi-trailing habit and medium vigor.



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√ 2
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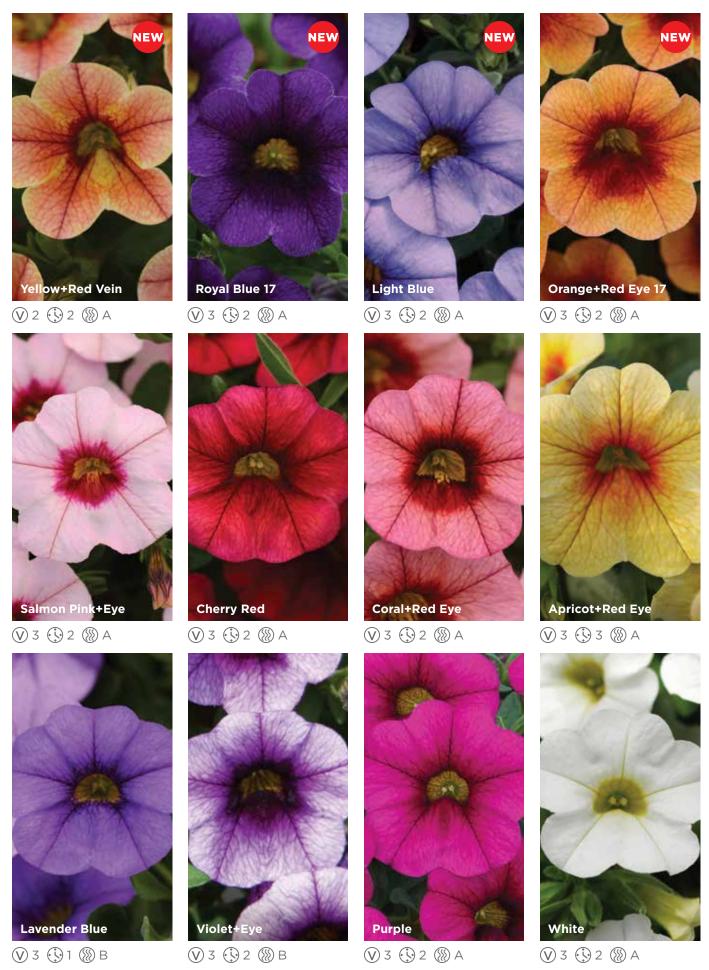


(V) 3 (S) 2 (S) A

Yellow

(V) 3 (S) 3 (M) A











MiniFamous®

Calibrachoa cultivars

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





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√ 3
√ 2
∅ A



(√) 3 **(**√) 2 **(**√) B



(√) 3 **(**√) 2 **(**√) B





MiniFamous® Double

Calibrachoa cultivars

Selecta One offers the only double calibrachoa in the U.S. These double blooms are available in a great assortment of colors. Early-to-flower, semitrailing and medium vigor. Ideal for basket and mixed container programs.



√ 3 < √ 3 < √ A
</p>



pages 2 to 21 for more Trixi.







Dianthus

The BEST varieties of dianthus to entice your customers, ranging from colorful pot carnations that electrify retail shelves to hardy perennial varieties that enhance landscapes. We have a dianthus to meet every growing and seasonal need. Just pick your pot size for your next bestsellers! Check our website, SelectaNorthAmerica.com, for culture and scheduling information.











Pink Kisses[™] Pot Carnation

SMALL POT & BASKET Dianthus cultivars

"Grab and go" gift item gets the growing season off to a strong start, with tons of two-tone flowers that need no deadheading and keep looking great. Early-season pot crop is easy to grow and easier to sell. Hardiness zone 5.





Oscar® Pot Carnation

SMALL POT & BASKET

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. Hardiness zone 6.





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(y 2 **(3**) 2 **(3**) B









(y 2 **(3)** 2 **(3)** B

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√ 2
∅ B

(V) 2 (S) 2 (S) B



SuperTrouper™ Pot Carnation

Dianthus caryophyllus

A strong performer in pots and gardens, SuperTrouper has an upright habit, excellent color range and a wonderful fragrance. Hardiness zone 7.







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(y 3 **(3**) 2 **(8**) B



(V) 4 (S) 2 (S) B







EverLast[™] (Upright) Dianthus

Dianthus interspecific

EverLast offers an attractive upright habit and the most extensive color range in perennial dianthus. It blooms in early Spring and provides more days of brilliant, intoxicating color than any other perennial dianthus. A favorite of perennial gardeners, EverLast is tough as nails, with excellent performance in the roughest weather. Hardiness zone 5.



selecta









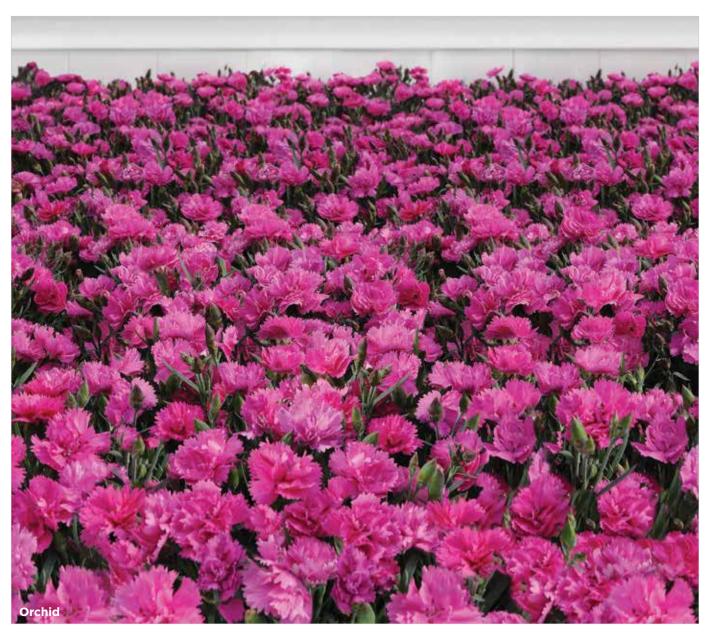






♥3 **♦**2 **®**B















Dianthalot™ (Spreading) Dianthus

Dianthus cultivars

Dianthalot is a super-tough spreading series that blooms in Spring. Its spreading habit blooms continuously all Summer long and overwinters. No vernalization is required. Dianthalot is an excellent fast crop perennial for Spring planting and is great for large pots. Hardiness zone 5.





















Dalaya™ Dahlia

Dahlia hybrida

Exotic bicolors charm with awesome retail appeal and garden performance in even more varieties! These medium-vigor beauties have excellent branching, exceptional habit and superior mildew resistance. Dalaya holds up well at retail and performs in containers and in the landscape.



♥ 4 **♥** 3 **◎** A



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(V) 4 (S) 3 (SS) A

Red+White





√ 4 ﴿ 3 ∅ A



Dahlietta® Dahlia

Dahlia pinnata

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





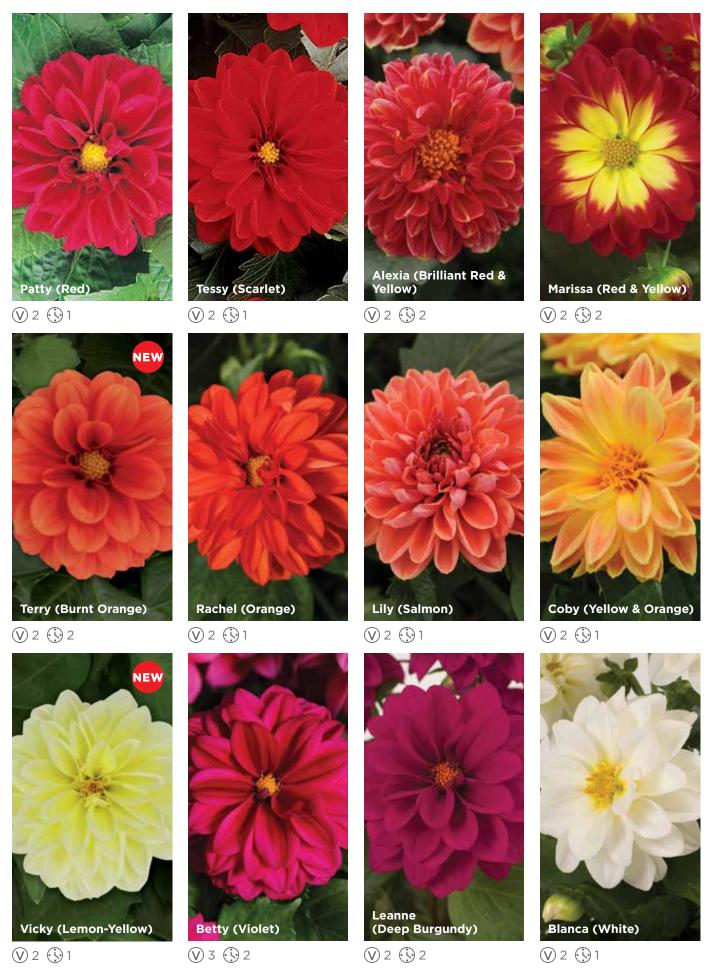
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(V) 2 (S) 1

selecta





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 from small to premium patio containers. Liner supply limited to specific producers and ship weeks. Tiny Red bursts forth with lots of little red blooms on a larger plant.



Yellow With Red

√ 2
√ 2
∅ C

Yellow With Red



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.







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(√) 3 **(**√) 1 **(**∅) B



Denim Blue

V 3 (2 (B B





(√) 3 **(**√) 1 **(**∅) B

(√) 3 **(**√) 1 **(**() B



Loreen[™] Euphorbia

Euphorbia hypericifolia

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



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∅ A



(V) 3 (S) 2 (SS) A

Early Blue Convolvulus

Convolvulus sabatius

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



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√ 2
∅ A

Prime White Convolvulus

Convolvulus sabatius

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



(V) 2 (S) 2 (S) A



Bellinto™ **Fuchsia**

Fuchsia cultivars

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

Bellinto™ Compact Fuchsia

Fuchsia cultivars

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







(V) 3 (⅓) 2 (∭) B





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∅ B

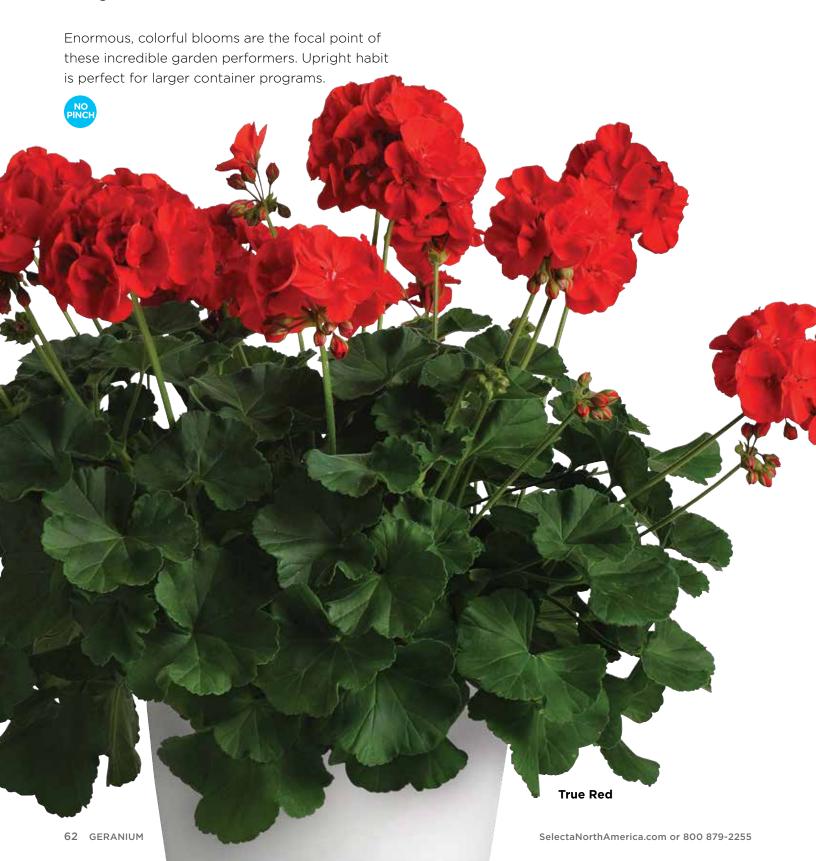


(V) 2 (S) 2 (SS) B



Sunrise[™] XL Zonal Geranium (Green Leaf)

Pelargonium x hortorum





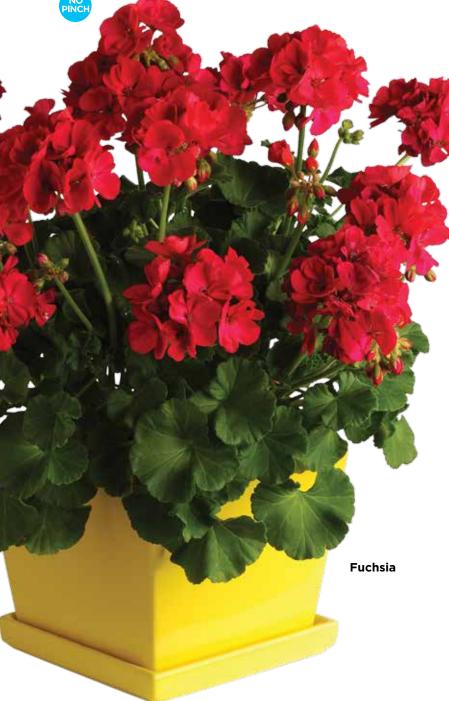




Sunrise[™] Zonal Geranium (Green Leaf)

Pelargonium x hortorum

Large-flowered, medium-vigor series features early blooming and is great for bench runs! With a super color range and upright habit, Sunrise is perfect for your 4 to 6-in. (10 to 15-cm) container program.

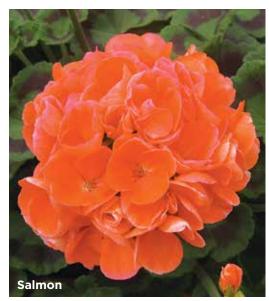




(√) 3 **(**√) 2 **(**√) B



(V) 3 (3) 2 (∭) B



(V) 3 (S) 2 (S) A



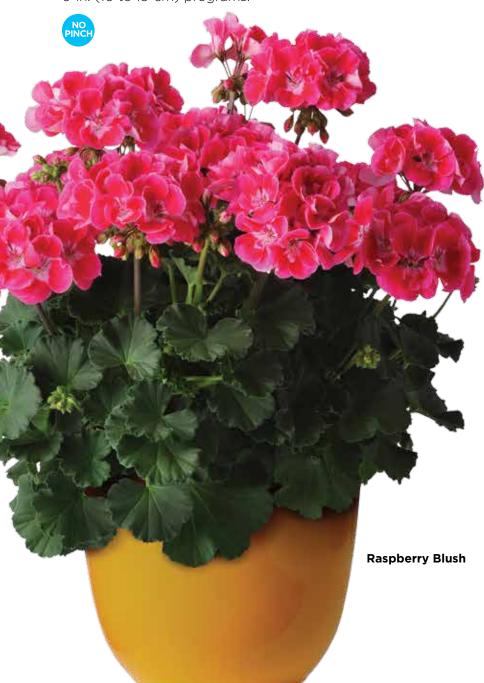




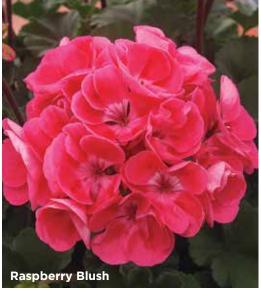
Moonlight[™] Zonal Geranium (Dark Green Leaf)

Pelargonium x hortorum

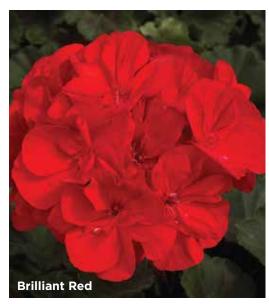
This dark foliage, compact and uniform series for the grower is the solution for pot-tight production and bench runs. Early flowering, with three to four large flowers at first flush, it provides a superior display of upright plants at retail. Perfect for 4 to 6-in. (10 to 15-cm) programs.



66 GERANIUM



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∅ B



(√) 3 (√) 2 (() B



√ 2 (5) 2 (1) B







Royal™ Ivy Geranium

Pelargonium peltatum

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







(√) 3 (() 2 (() B



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√ 2
∅ A



(V) 3 (S) 2 (S) B







Belleza[™] Gaura

Gaura lindheimeri

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







(√ 4 **(**√ 2 **(**€) A



(√) 3 **(**√) 2 **(**√) A



Luis Easy Blue 🗪 Gentiana

Gentiana cultivars

Sought-after, small-footprint perennial with striking blue flowers offers one-season production.

Marino™ Heliotrope

Heliotropium arborescens

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





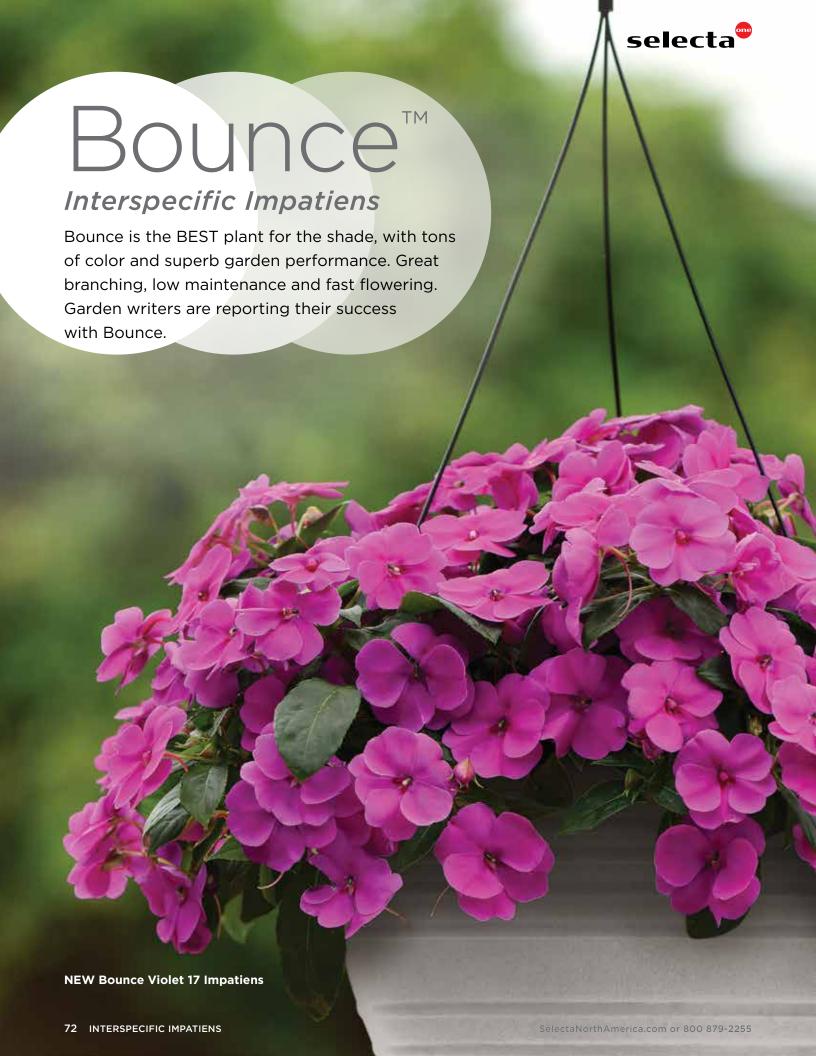




(V) 2 (S) 1 (S) A



(V) 2 (S) 2 (S) A





Horticulture magazine, May 2015

"Disease and heat can't keep the ability to bounce back in the heat of the summer after a missed watering."

Jennifer Smith for Horticulture in the "Plants We Love" section.

Garden Gate magazine, February 2015

"If your shade garden isn't as colorful as it used to be because downy mildew on impatiens is a problem in your area, you'll want to give this new series a try."

Sherri Ribbey for Garden Gate, which named Big Bounce impatiens one of the "Best New Plants for 2015." She noted that both Bounce and Big Bounce have the same easy care maintenance needs.

PennLive, January 2015

"Impatiens Bounce and Big Bounce. The flower industry is abuzz over these two series of 11 new hybrid plants because they're highly resistant to the downy mildew disease that virtually wiped the top-selling impatiens off our floral map 3 years ago."

George Weigel, for PennLive. He included **Bounce and Big Bounce in his list of potential** 2015 stars for local garden centers.



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. New Violet 17 delivers improved URC performance.







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♥ 3 **♦** 2 **●** A

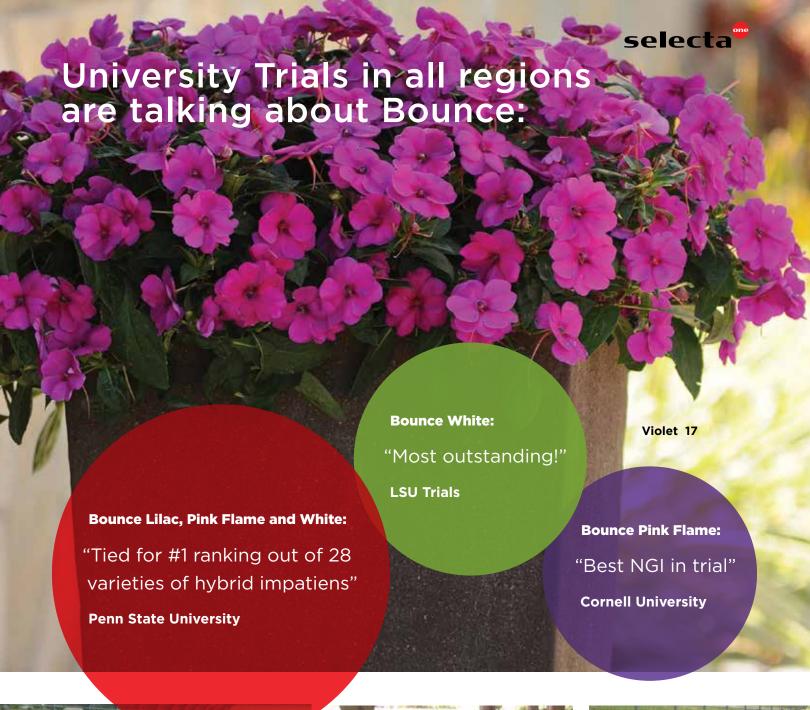
√ 3
√ 2
∅ A







 \bigcirc 3 \bigcirc 2 \bigcirc A May blush under cooler temperatures.











Big Bounce[™] Interspecific **Impatiens**

Impatiens hawkeri

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













♥4 **♦**2 **◎**A

(√ 4 **(**√ 2 **(**√ A

♥4 **♦**2 **(** A







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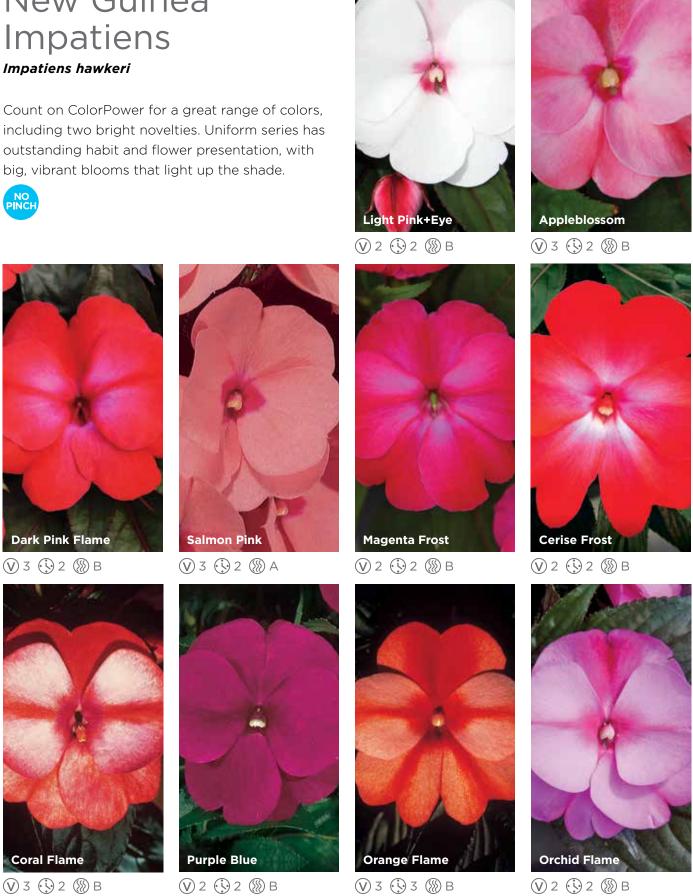




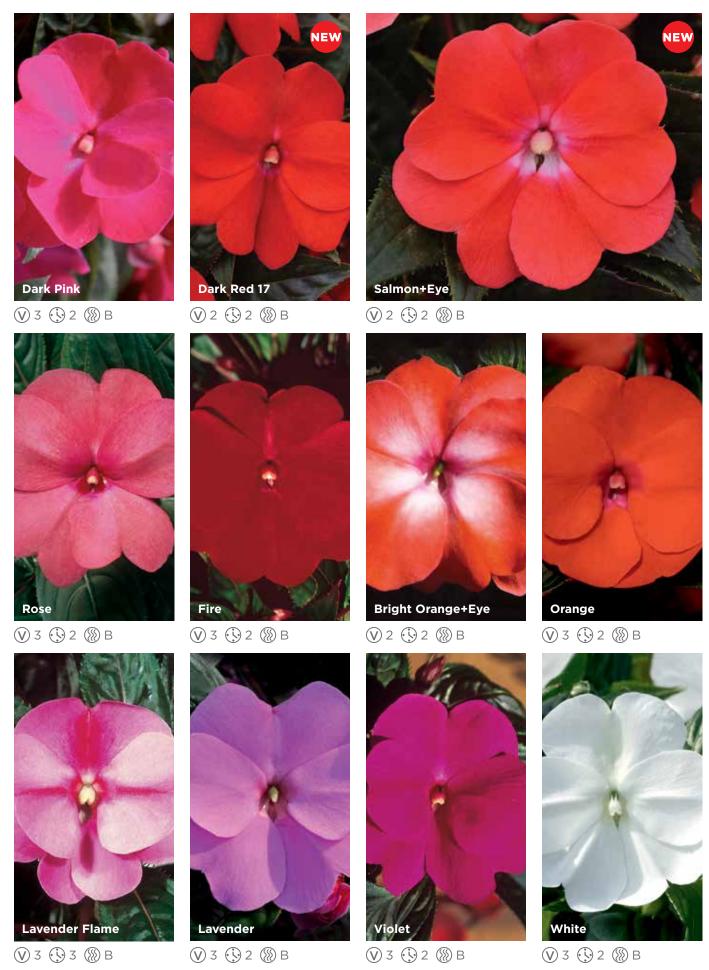
ColorPower™ New Guinea **Impatiens**

including two bright novelties. Uniform series has outstanding habit and flower presentation, with











Calm Breeze Lavender

Lavandula dentata

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





LaVela™ NEW Lavender

Lavandula stoechas

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





() 2 **()** 2 **()** B

() 2 **()** 2 **()** B





Lobelia

Create the BEST-looking Spring and early Summer arrangements with ultra heat-tolerant lobelias like Magadi™, available in a wide range of habits and colors. With the quick guide at the right, you can easily identify the right plant and the right pot for growing at the right time for market.

















Magadi[™] Compact

Lobelia cultivars

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





(V) 2 (S) 2 (S) B



(√) 2 (() 2 () B





♥2 **♦**2 **(®**) A



(V) 2 **(S**) 2 **(S**) B



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MEDIUM POT & BASKET

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.













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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.



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Dark Violet+Whit √ 2
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Violet Ice



Zion[™] Osteospermum

Osteospermum ecklonis

Inspired by the colors of Zion National Park in Utah, this series features distinctive, novel colors. Large flowers on plants with excellent branching and full, mounded habits have great consumer appeal. Now available as callused cuttings - see page 120.



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FlowerPower[™] Osteospermum

Osteospermum ecklonis

FlowerPower has been well-tested for cool growing and low-energy production, with no cold treatment required for flower development. This #1 series in Europe wows the North American market with its excellent branching, upright habit and brilliant colors. Now available as callused cuttings - see page 120.













FlowerPower™ Compact Osteospermum

Osteospermum ecklonis

Uniform, early-flowering series has a more mounded habit that's great for high-density production and baskets. Now available as callused cuttings – see page 120.









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FlowerPower™ Spider Osteospermum

Osteospermum ecklonis

These unique and attractive flower shapes fit perfectly with the FlowerPower series. Nice upright habit. Now available as callused cuttings – see page 120.

Lara[™] Nierembergia

Nierembergia caerulea

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











(V) 3 (3) 2 (3) B



(V) 2 (S) 1 (S) B



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(V) 2 (S) 3 (S) A



Petunia

For the BEST collection of petunia colors, habits and flower forms, check out what Selecta One has to offer. Night Sky, our fabulous new pattern, is rocking at retail. Let us help you grow your petunia program!









SMALL POT & BASKET

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.

















selecta













Boldly goes where no petunia has gone before...

Light years from usual! This is the most distinctive bloom you've ever seen on this planet. Matches Headliner in habit, timing and vigor. For best results, find culture recommendations at SelectaNorthAmerica.com.





Night Sky is
taking off!
Growers
and retailers
everywhere are
reporting great
success with this
product. Interest
level is sky high!
Everybody is
talking about
Night Sky!







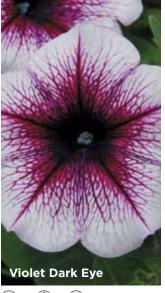


Headliner™

Petunia cultivars

MEDIUM POT & BASKET

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





selecta[®]

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Trixi Treasure Chest featuring Headliner Violet Dark Eye Petunia, Magadi Electric Purple Lobelia and Lascar White Verbena. See pages 2 to 21 for more Trixi.



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(V) 3 (⅓) 2 (∭) B







Famous[™]

LARGE POT & BASKET

Our most vigorous, semi-trailing petunia with early flowering and an impressive color range. Large flowers look fantastic in baskets and mixed containers. Great performance!













SweetSunshine™

Petunia cultivars

NOVELTY

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



selecta











Phlox cultivars

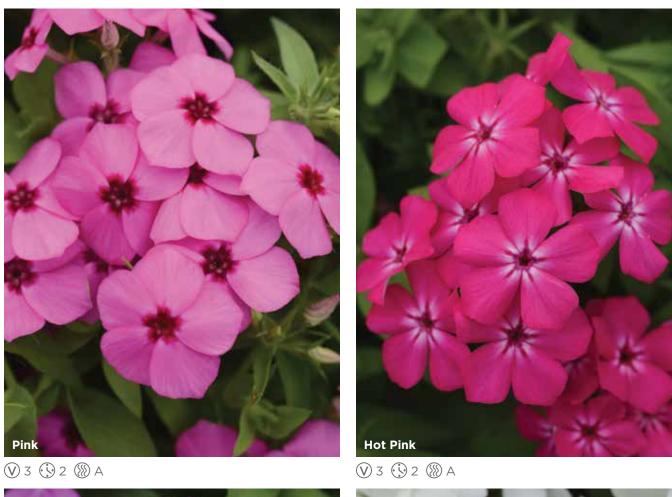
Great new genetics eliminate production and rooting problems. This new series produces uniform habit and timing. Bred for reliable rooting, heat tolerance, and large, attractive flower clusters. This is a real winner!

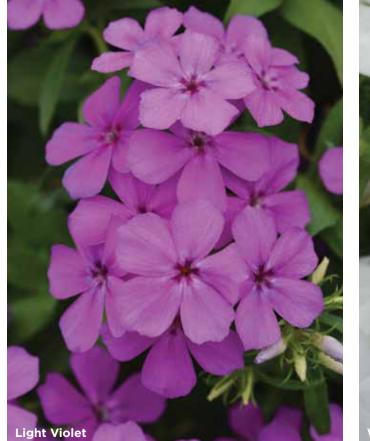


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PortoGrande™ Portulaca

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.





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Tsavo[™] Sanvitalia

Sanvitalia procumbens

Early-season, bright color is offset by dark foliage. Tidy, mounded habit works beautifully in small pots. NEW Compact Yellow replaces Compact Yellow Ice with a more intense color.





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Verbena

From basket favorites to landscape lovers, Selecta One has four verbena series with something for everyone, in a large variety of colors. We offer the SIMPLEST solution: just choose your pot size and start growing.









Pops[™] Verbena peruviana

SMALL POT

With its compact, upright 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.





selecta



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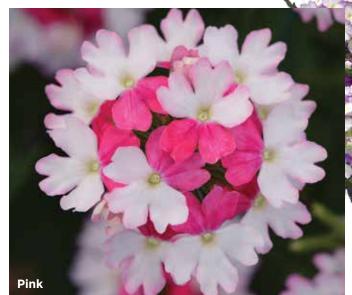




Verbena cultivars

NOVELTY MEDIUM POT & BASKET

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



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NEW Trixi Starlight
Starbright featuring
MiniFamous Compact
Blue Calibrachoa, Starlet
Lavender Star Petunia and
NEW BeBop Lavender
Verbena. See pages 2
to 21 for more Trixi.

(V) 2 (S) 2 (S) A





MEDIUM POT & BASKET

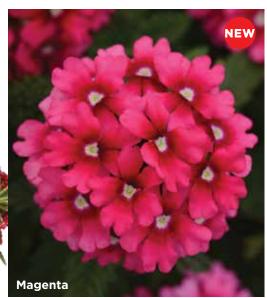
Excellent color range in a uniform, reliable series. Early-flowering with a mounded habit and medium vigor, Lascar varieties have full centers and make fantastic mixed containers, pots, gallons or mono baskets.

NEW Trixi Prime Time featuring Namid Special Yellow Bidens, Lascar Dark Red and Dark Violet Verbena. See pages 2 to 21 for more

Trixi.



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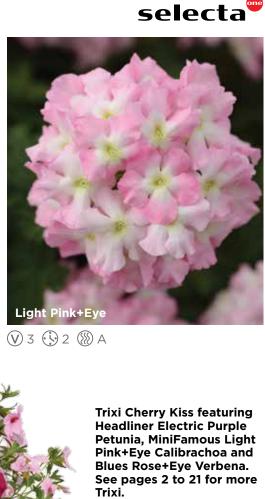






Blues[™] Verbena peruviana

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.





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Product Information

Product Forms

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



Unrooted cuttings

All Selecta varieties are available as URC.

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



Callused cuttings

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

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



Rooted cuttings

Selecta varieties are available as rooted cuttings from Selecta licensed Root & Sell Stations. For a list of Root & Sell Stations, see the back cover.

• Available from your preferred broker



Trixi®

Upgraded to customize the treatment of components, Trixi gives you a stronger start for a better finish of 100% complete and balanced color combos. For more information, see page 2 or go to SelectaNorthAmerica.com.

• Available from your preferred broker

Selecta Clean & Field-Tested Varieties

Every Selecta variety is rigorously tested before entering our program. Every program variety is subject to the same testing annually. Our Selecta Clean Stock program follows strict, internationally recognized protocols, and is based on 54 years of experience. Clean Stock starts in the Selecta clean stock facility in Stuttgart, Germany. The Selecta production centers are located in Kenya, Uganda and Canada. Our field-tested products are intensively rated for performance and provide benefits for growers as well as for consumers.





SelectaNorthAmerica.com

"How-to-grow" info at your fingertips

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



Discontinued Selecta Varieties for 2017

VARIETY	RECOMMENDED REPLACEMENT
Bacopa Big Falls Dark Pink	Bacopa Big Falls Dark Pink 17
Bracteantha Mohave Dark Red	Bracteantha Mohave Dark Red 17
Bracteantha Mohave Dark Rose	Bracteantha Mohave Dark Rose 17
Calibrachoa MiniFamous Apricot Red Eye	Calibrachoa MiniFamous Neo Orange+Red Eye 17
Calibrachoa MiniFamous Compact Deep Yellow	Calibrachoa MiniFamous Neo Deep Yellow
Calibrachoa MiniFamous Compact Orange	Calibrachoa MiniFamous Orange
Calibrachoa MiniFamous Compact Safran	Calibrachoa MiniFamous Compact Safran 17
Calibrachoa MiniFamous Double Pink	Calibrachoa MiniFamous Double Pink 17
Calibrachoa MiniFamous Electric Purple	Calibrachoa MiniFamous Neo Purple
Calibrachoa MiniFamous Lemon	Calibrachoa MiniFamous Neo Yellow
Clibrachoa MiniFamous Neo Royal Blue	Calibrachoa MiniFamous Neo Royal Blue 17
Calibrachoa MiniFamous Scarlet	Calibrachoa MiniFamous Neo Cherry Red
Calibrachoa MiniFamous Tangerine	Calibrachoa MiniFamous Neo Orange+Red Eye 17
Dahlia Delicious Deep Rose	Dahlia Dalaya Magenta+Purple (Raja)
Dahlia Delicious Honey	Dahlia Dalaya Yellow+Red Eye (Shiva)
Dahlia Delicious Lemon Zest	Dahlia Dalaya Yellow
Dahlia Delicious Marmalade	Dahlia Dalaya Red+Yellow Eye
Dahlia Delicious Marshmallow	Dahlia Dahlietta Blanca
Dahlia Delicious Raspberry	Dahlia Dalaya Burgundy (Devi)
Gaura Belleza White	Gaura Belleza White 17
Impatiens Bounce Violet	Impatiens Bounce Violet 17
Impatiens New Guinea ColorPower Dark Red	Impatiens New Guinea ColorPower Dark Red 17
Osteospermum FlowerPower Compact Pink	Osteospermum Flower Power Compact Light Pink
Osteospermum FlowerPower Spider Purple	Osteospermum FlowerPower Spider Purple 17
Osteospermum Zion Red	Osteospermum Zion Red 17
Petunia Headliner Fire	Petunia Headliner Red
Petunia SweetSunshine Dark Blue	Petunia SweetSunshine Provence
Portulaca PortoGrande Apricot	Portulaca PortoGrande Orange
Portulaca PortoGrande Golden Yellow	Portulaca PortoGrande Yellow
Portulaca PortoGrande White	Portulaca PortoGrande White 17
Sanvitalia Tsavo Compact Golden Yellow	Sanvitalia Tsavo Compact Yellow
Sanvitalia Tsavo Compact Yellow Ice	Sanvitalia Tsavo Compact Yellow
Verbena LightShow Dark Pink	Verbena BeBop Pink
Verbena LightShow Dark Purple	Verbena BeBop Lavender
Verbena LightShow Magenta	Verbena BeBop Pink
Verbena LightShow Pink	Verbena BeBop Pink

Renamed Selecta Varieties for 2017

VARIETY	RECOMMENDED REPLACEMENT
Calibrachoa MiniFamous Neo Orange+Red Eye	Calibrachoa MiniFamous Neo Apricot+Red Eye
Osteospermum FlowerPower Pink	Osteospermum FlowerPower Lavender+Eye
Verbena Lightshow Lavender	Verbena BeBop Lavender



Selecta Varieties Covered by Flowering Only Terms and Conditions

COMMERCIAL NAME	VARIETY NAME	COMMERCIAL NAME	VARIETY NAME	COMMERCIAL NAME	VARIETY NAME	COMMERCIAL NAME	VARIETY NAME
Angelonia		Calibrachoa (continued)		Diascia		Impatiens, New Guinea (conti	nued)
Angelina™ Dark Purple	KLEAA13574	MiniFamous® Neo Deep Yellow	KLECA15327	Picadilly™ Appleblossom	KLEDB10756	ColorPower™ Orange	KLENI05084
Angelina™ Pink	KLEAA13572	MiniFamous® Neo		Picadilly™ Dark Orange	KLEDB13528	ColorPower™ Orange Flame	KLENI05081
Angelina™ White	KLEAA13577	Lavender Blue	KLECA08170	Picadilly™ Dark Red	KLEDB11787	ColorPower™ Orchid Flame	KLENI13134
Arctotis		MiniFamous® Neo Light Blue MiniFamous® Neo	KLECA16320	Picadilly™ Dark Salmon	KLEDB10715	ColorPower™ Purple Blue ColorPower™ Rose	KLENI05080 KLENI02057
Opera™ Fire	KLEAT12611	Orange+Red Eve 17	KLECA16334	Picadilly™ Denim Blue Picadilly™ Pink	KLEDB13527 KLEDB10714	ColorPower™ Salmon+Eye	KLENI16143
Opera™ Orange	KLEAT12609	MiniFamous® Neo Pink	KLECA13251	Picadilly™ White	KLEDBIO714 KLEDBI3529	ColorPower™ Salmon Pink	KLENI07088
Opera™ Rose	KLEAT12610	MiniFamous® Neo Purple	KLECA13248			ColorPower™ Violet	KLENI05079
Argyranthemum		MiniFamous® Neo Rose	KLECA13252	Euphorbia Loreen™ Compact White	KLEEC14327	ColorPower™ White	Medina
Madeira™ Crested Violet	Bonmadcink	MiniFamous® Neo Royal Blue 17 MiniFamous® Neo	KLECAIDSID	Loreen™ White	KLEEC14327 KLEEC15272	Lavender	
Madeira™ Deep Pink	Bonmadrosepi	Salmon Pink+Eye	KLECA14263		NELECTO272	Calm Breeze	KLELV13075
Madeira™ Double White	Ohmadcama		KLECA14267	Fuchsia		LaVela™ Compact Dark Pink	KLELV12071
Madeira™ Primrose Madeira™ Red	Bonmadprose Bonmadre	MiniFamous® Neo White	KLECA12235	Bellinto™ Compact Red+Violet Bellinto™ Compact Red+White		LaVela™ Compact Dark Violet 17 LaVela™ Dark Violet	KLELV15115 KLELV13110
Madeira™ White	Bonmadwitim	MiniFamous® Neo White+Yellow Eye	KLECA16314	Bellinto™ Red+Blue	KLEFU14842		KLLLVIJIIO
Bacopa/Sutera		MiniFamous® Neo Yellow	KLECA13259	Bellinto™ Red+White	KLEFU14843	Lobelia	
Big Falls™ Dark Blue	KLESG12346	MiniFamous® Neo		Gaura		Magadi™ Basket Dark Blue Magadi™ Basket Dark Purple	KLELE12095 KLELE11773
Big Falls™ Dark Pink 17	KLESG16007	Yellow+Red Vein	KLECA16341 KLECA08178	Belleza™ Compact Light Pink	KLEGL06261	Magadi™ Basket White	KLELE11769
Big Falls™ Pearl	KLESG15004	MiniFamous® Dark Blue MiniFamous® Dark Pink+Eye	KLECA08178 KLECA04088	Belleza™ Dark Pink	KLEAU04263	Magadi™ Blue	KLELE06116
Big Falls™ Summer Blue	KLESG14831	MiniFamous® Light Pink+Eye	KLECA10216	Belleza™ White 17	KLEGL14844	Magadi™ Compact Blue	KLELE12094
Big Falls™ White	KLESG13255	MiniFamous® Orange	KLECA11227	Gentiana		Magadi™ Compact Blue+Eye	KLELE12097
Begonia		MiniFamous® Pure Yellow	KLECA13268	Luis Easy Blue	KLEGH12013	Magadi™ Compact Dark Blue Magadi™ Compact Lavender	KLELE13407 KLELE15004
Bonfire® Orange	Nzcone	MiniFamous® Vampire StarShine™ Apricot	KLECA09172 KLECA16374	Geranium/Pelargonium		Magadi™ Compact Purple	KLELE14001
California Sunlight Fiery Orange	KLEBG13465 KLEBG15006	StarShine™ Cherry	KLECA16376	Moonlight™ Brilliant Red	KLEPZ08224	Magadi™ Compact White	KLELE13476
Marshmallow	KLEBGI5003	StarShine™ Pink	KLECA16346	Moonlight™ Dark Fuchsia	KLEPZ05224 KLEPZ05137	Magadi™ Dark Blue	KLELE10724 KLELE10670
Mistral™ Dark Red	KLEBG14477	StarShine™ Violet	KLECA16371	Moonlight™ Dark Red	KLEPZ03107	Magadi™ Electric Blue Magadi™ Electric Purple	KLELE14588
Mistral™ Orange	KLEBG13461	Convolvulus		Moonlight™ Dark Salmon	KLEPZ08220	Magadi™ Indigo Blue	KLELE13589
Mistral™ Pink	KLEBG16500	Early Blue	KLECS04208	Moonlight™ Lavender	KLEPZ11229	Magadi™ White	KLELE08621
Mistral™ Red Mistral™ Yellow	KLEBG13460 KLEBG16495	Prime White	KLECS14837	Moonlight™ Light Salmon Moonlight™ Pink	KLEPZ09251 Balshopink	Nierembergia	
		Dahlia		Moonlight™ Pink+Eye	KLEP01007	Lara™ Dark Blue	KLENC07344
Bidens		Dahlietta® Alexia	Dapalex	Moonlight™ Raspberry Blush	KLEP03012	Lara™ White	KLENC06134
Namid™ Compact Double Yellow	KLEBF14324	Dahlietta® Betty	Betty	Moonlight™ Strawberry Blush	KLEPZ07202	Osteospermum	
Namid™ Compact Yellow	KLEBF14236	Dahlietta® Blanca	Baldablanci	Moonlight™ Violet Moonlight™ White	KLEPZ07200 Sil Cato	4D™ Berry White	KLEOE15257
Namid™ Early Yellow	KLEBF11764	Dahlietta® Coby Dahlietta® Emily	Baldacob Daparos	Royal™ Candy Cane®	KLEP01028	4D™ Dark Violet+White	KLEOE14225
Namid™ Special Yellow	KLEBF15323	Dahlietta® Julia	Baldajul	Royal™ Candy Red	Sil Chris	4D™ Lemon Ice	KLEOE14228
Bracteantha		Dahlietta® Leanne	Dapacher	Royal™ Dark Burgundy	KLEP01042	4D™ Pink	KLEOE14226
Mohave™ Apricot	KLEBB14001	Dahlietta® Lily	Baldalily	Royal™ Dark Red Royal™ Dark Salmon	Sil Ruben KLEPP08218	4D™ Purple 4D™ Silver	KLEOE14227 KLEOE15248
Mohave™ Basket Yellow	KLEBA04075	Dahlietta® Marissa Dahlietta® Patricia	Dapamar Patricia	Royal™ Lavender Blue	Florpeltlav	4D™ Violet Ice	KLEOE14223
Mohave™ Dark Red 17 Mohave™ Dark Rose 17	KLEBB16011 KLEBB16008	Dahlietta® Patty	Dapapu	Royal™ Light Pink	Tosprelipim	4D™ Yellow	KLEOE14232
Mohave™ Orange	KLEBB14002	Dahlietta® Rachel	Dapaor	Royal™ Pink Royal™ Salmon	Balcolink KLEP03109	FlowerPower™ Compact Light Pink	KLE003103
Mohave™ Purple Red	KLEBB16014	Dahlietta® Terry	Baldaterr	Royal™ Scarlet Red	KLEPP08207	FlowerPower™ Compact	KLL003103
Mohave™ White	KLEBB12128	Dahlietta® Tessy Dahlietta® Vicky	Dapared Baldavic	Royal™ White+Red Eye	Sil Insa	Silver Purple	KLE004110
Mohave™ Yellow	KLEBB08392	Dalaya™ Burgundy (Devi)	KLEDH13037	Sunrise™ Bright Lilac	BFP-1695	FlowerPower™ Compact White	
Calceolaria		Dalaya™ Magenta+Purple		Sunrise™ Bright Red Sunrise™ Bright Scarlet	Baldesimred BFP-788	FlowerPower™ Compact Yellow FlowerPower™ Dark Purple	KLEOE15267 KLEOE13206
Calynopsis™ Dark Red	KLECH13020	(Raja) Dalaya™ Pink+Lemon (Shari)	KLEDH13034 KLEDH10032	Sumse Bright Scarlet	Bright Scarlet	FlowerPower™ Lavender+Eye	
Calynopsis™ Orange Calynopsis™ Orange Red Eye	KLECH10010 KLECH13021	Dalaya™ Pink+Rose Eye (Yogi)		Sunrise™ Dark Red	klesatha	FlowerPower™ Lavender Pink	
Calynopsis™ Red	KLECH10011	Dalaya™ Pink+Yellow Eye	KLEDH14046	Sunrise™ Fuchsia	klecona	FlowerPower™ Pink 17	KLEOE16273
Calynopsis™ Tiny Red	KLECH15023	Dalaya™ Red+White	KLEDH15076	Sunrise™ Hot Pink	Designer Hot Pink	FlowerPower™ Pink+Eye FlowerPower™ Purple Red	KLEOE12197 KLEOE12201
Calynopsis™ Yellow	KLECH10015	Dalaya™ Red+Yellow Eye Dalaya™ Yellow	KLEDH14083 KLEDH14045	Sunrise™ Light Pink	klegoes	FlowerPower™ Spider Pink	KLEOE05520
Calynopsis™ Yellow With Red	KLECH10008	Dalaya™ Yellow+Red Eye (Shiva)		Sunrise™ Orange	KLEPZ11237	FlowerPower™ Spider Purple 17	
Calibrachoa				Sunrise™ Salmon	Baldesalim	FlowerPower™ Spider White	KLEOE08146
Close Up	KLECA15332	Dianthus Dianthalot™ Dark Red+Star	KLEDG14178	Sunrise™ White Sunrise™ XL Dark Salmon	KLEPZ10271 KLEP04134	FlowerPower™ Violet FlowerPower™ White	KLEOE12202 KLEO03106
MiniFamous® Compact Blue MiniFamous® Compact	KLECA12236	Dianthalot™ Pink+Star	KLEDG14177	Sunrise™ XL Orange	Ballurtang	Zion™ Apricot Pink	KLEOE11189
Dark Blue	KLECA07129	EverLast™ Burgundy Blush	KLEDG11143	Sunrise™ XL Purple Rose	Purple Rose	Zion™ Blue Denim	KLEOE12190
MiniFamous® Compact		EverLast™ Dark Pink	KLEDG11142	Sunrise™ XL Raspberry Eye	KLEPZ07197	Zion™ Copper Amethyst	KLEOE09175
Dark Red	KLECA07145	EverLast™ Lavender+Eye EverLast™ Lilac+Eye	KLEDG10117 KLEDG10118	Sunrise™ XL True Red Sunrise™ XL White	KLEPZ10238 Ballurwhi	Zion™ Lavender+Purple Eye Zion™ Magic Orange	KLEOE15289 KLEOE13209
MiniFamous® Compact Hot Pink	KLECA14265	EverLast™ Lavender Lace	KLEDGIOII6 KLEDGI3146		Dallat Will	Zion™ Pure Yellow	KLEOE14243
Minifamous® Compact Pink	KLECA16295	EverLast™ Light Pink+Eye	KLEDG13159	Heliotrope Marino™ Blue	KLEHA13711	Zion™ Red 17	KLEOE16278
MiniFamous® Compact Purple		EverLast™ Orchid	KLEDG10119	Marino™ Blue Marino™ White	KLEHAI37II KLEHAI4006	Zion™ Shadow Yellow	KLEOE12199
MiniFamous® Compact Red	KLECA13247	EverLast™ Raspberry Cream EverLast™ Red+Pink	KLEDG13158 KLEDG15176			Petunia	
MiniFamous® Compact Safran 1 MiniFamous® Compact	, NEECHIOSS/	EverLast™ White+Eye	KLEDG14174	Impatiens, Compact Interspect Bounce™ Bright Coral		Famous™ Apricot Sorbet	KLEPH14270
Salmon+Red Eye	KLECA15294	Oscar® Cherry+Velvet	KLEDP07089	Bounce™ Bright Coral Bounce™ Cherry	Balboucor Balboucher	Famous™ Berry Sorbet Famous™ Blue Velvet	KLEPH14271 KLEPH08153
MiniFamous® Compact White	KLECA06122	Oscar® Dark Red Oscar® Pink	KLEDP11108 KLEDP10105	Bounce™ Lilac	Balboulac	Famous™ Firestorm	KLEPH12216
MiniFamous® Double Amethys MiniFamous® Double Apricot	KLECA09208 KLECA14283	Oscar* Pink Oscar* Pink+Purple	KLEDP10103 KLEDP10111	Bounce™ Pink Flame	Balboufink	Famous™ Lilac Dark Vein	KLEC03017
MiniFamous* Double Blue	KLECA15269	Oscar® Purple Star	KLEDP15180	Bounce™ Violet 17 Bounce™ White	Balbouvimp	Famous™ New White	KLEPH07125
MiniFamous® Double		Oscar® Salmon	KLEDP15179	Bounce white	Balbouite	Famous™ Pink Famous™ Purple	KLEPH11202 KLEC03033
Deep Yellow	KLECA11225	Oscar® Salmon+White Oscar® Scarlet	KLEDP14205 KLEDP11114	Impatiens, Interspecific		Famous™ Rose Star	KLEPH06122
MiniFamous® Double Lemon MiniFamous® Double Magenta	KLECA15290 KLECA12233	Pink Kisses™	KLEDG12163	Big Bounce™ Cherry	Balbigery	Famous™ Violet Picotee	KLEPH09189
MiniFamous® Double Pink 17	KLECA16356	SuperTrouper™		Big Bounce™ Lavender Big Bounce™ Lilac	Balbigaven Balbigilac	Headliner™ Blue	KLEC01037
MiniFamous® Double Pink Veir	KLECA12234	Butterfly Dark Red	KLEDP10112	Big Bounce™ Pink	Balbigink	Headliner™ Dark Violet Picotee Headliner™ Electric Orange	KLEPH14250 KLEPH14249
MiniFamous® Double Purple	KLECA14276	SuperTrouper™ Lavender+White	KLEDP13122	Big Bounce™ Red	Balbiged	Headliner™ Electric Orange Headliner™ Electric Purple	Klefalec
MiniFamous® Double Compact Chiffon	KLECA14261	SuperTrouper™ Lilac on Purple		Big Bounce™ Violet	Balbigvio Balbigito	Headliner™ Lemon	KLEPH14242
MiniFamous® Double Compact		SuperTrouper™		Big Bounce™ White	Balbigite	Headliner™ Pink Star	KLEPH05115
Lemon	KLECA09204	Magenta+White	KLEDP07094	Impatiens, New Guinea		Headliner™ Pink Vein Headliner™ Raspberry Star	KLEPH14244 KLEPH14267
MiniFamous® Double Compact		SuperTrouper™ Orange SuperTrouper™ Pink+White	KLEDP06080 KLEDP09102	ColorPower™ Appleblossom	Vienna	Headliner™ Red	KLEPH14248
Pink MiniFamous® Double Compact	KLECA14264	SuperTrouper™ Pink+White SuperTrouper™ Purple	KLEDP09102 KLEDP09100	ColorPower™ Bright Orange+Eye	KLENI12131	Headliner™ Red Star	KLEPH13232
Red PiniFamous* Double Compact	KLECA13257	SuperTrouper™ Red+White	KLEDP09103	Bright Orange+Eye ColorPower™ Cerise Frost	KLENIIZISI KLEI04077	Headliner™ Sky Blue	KLEPH14245
MiniFamous® Double Compact	t	SuperTrouper™ Scarlet	KLEDP13155	ColorPower™ Coral Flame	KLENI05082	Headliner™ Violet Dark Eye Headliner™ White	KLEPH12220 KLEPH14247
Rose Chai	KLECA11226	SuperTrouper™ Silver Pink SuperTrouper™ Velvet Red	KLEDP07093 KLEDP08086	ColorPower™ Dark Pink	KLEI04073	Headliner™ White Rose Vein	KLEPH11217
MiniFamous® Double Compact White	t KLECA13242	SuperTrouper™ Velvet+White	KLEDP08086 KLEDP07088	ColorPower™ Dark Pink Flame ColorPower™ Dark Red 17	KLENI11124 KLENI15142	Headliner™ Yellow	KLEPH15261
MiniFamous® Neo Apricot+	NELOMIDZAZ	SuperTrouper™ White	KLEDP08098	ColorPower™ Fire	KLENI05085	Night Sky	KLEPH15313
Red Eye	KLECA13244			ColorPower™ Lavender	KLENI08105	Starlet™ Blue Starlet™ Burgundy	Balspunlu Balspunburg
MiniFamous® Neo Cherry Red	KLECA14270				KLEI02058	Starlet™ Carmine Star	Balspunrast
MiniFamous® Neo Coral+Red Eye	KLECA13250			ColorPower™ Light Pink+Eye ColorPower™ Magenta Frost	KLENI13133 KLENI12130	Starlet™ Dark Pink	KLEPH11199
	.						



Important Plant Protection and Licensing Information

COMMERCIAL NAME

VARIFTY NAME

KLEPH14252

KI EPHO7144

KLEPH14246

KLEPO12820 KLEPO14824

KI FPO14822

KLESP14002

KLESC13594

KLESC13596

KLEVP15611

Petunia (continued)

Starlet™ Lavender Star Starlet™ Light Blue Starlet™ Magenta Starlet™ Orange Starlet™ Pink Lemonade Balspunlar KI EPH13228 KLEPH13239 KLEPH14251 Starlet™ Purple Star Starlet™ Red Starlet™ Salmon Starlet™ Salmon Red Vein Balspunurst KLEPH14255 KLEPH14256 KI FPH14253 Starlet™ Velvet Starlet™ White Starlet™ Yellow Balspunvet Balspunwhi KLEPH13238 Stariet™ Yellow
SweetSunshine™ Burgundy
SweetSunshine™ Hot Pink
SweetSunshine™ Light Pink
SweetSunshine™ Magenta
SweetSunshine™ Provence
SweetSunshine™ Provence KI EPH09191 KLEPH06126 KLEPH14241 KLEPH13234 KLEPH13235

Purple Picotee SweetSunshine™ Red SweetSunshine™ Violet Vein

Phlox

Gisele™ Hot Pink KAZI14826 Gisele™ Light Pink Gisele™ Light Violet Gisele™ Pink Gisele™ White KA7I15789 KAZI14828 KAZI14750 KAZI14830

Portulaca

PortoGrande™ Magenta PortoGrande™ Magenta PortoGrande™ Orange PortoGrande™ Scarlet PortoGrande™ White 17 PortoGrande™ Yellow

Sanvitalia Tsavo™ Compact Yellow

Scaevola

Fairy™ Blue Fairy™ Pink Fairy™ White

Verbena

BeBop™ Lavender BeBop™ Pink Blues™ Dark Violet Blues™ Lavender+Eye Blues™ Light Pink+Eye Blues™ Magenta+Eye Blues™ Neon KI FVP13452 KLEVP13461 KLEVP15498 KLEVP12431 KLEVP12430 KLEVP12428 Blues™ Neon
Blues™ Purple+Eye
Blues™ Rose+Eye
Blues™ Rose+Eye
Blues™ Rose+Eye
Blues™ Holet+Eye
Blues™ White
Lascar™ Black Velvet
Lascar™ Burgundy
Lascar™ Dark Blue
Lascar™ Dark Pink
Lascar™ Dark Pink
Lascar™ Dark Violet
Lascar™ Dark Violet
Lascar™ Magnator
Lascar™ Magnator
Lascar™ Magnator
Lascar™ Magnator
Lascar™ Magnator
Lascar™ Pink
Lascar™ Pink
Lascar™ Red KI EVP13450 KLEVP12427 KLEVP14490 KLEVP12429 KI FVP12449 KLEVP13425 KLEVP15618 KLEVP08383 KLEVP16485 KLEVP15481 KLEVP12446 KI EVP15483 KLEVP13463 KLEVP10408 KLEVP15474 KLEVP12447 Lascar™ Red Lascar™ Red Rose Lascar™ White KLEVP15488 KLEVP11419 KLEVP12434 Pops™ Dark Red Pops™ Dark Violet Pops™ Pink Pops™ Pink+Eye KI EVP15470 KLEVP15613 KLEVP15620 KLEVP12435 Pops™ Pink+Red Eye Pops™ Salmon+Red Eye Pops™ White KLEVP15622 KLEVP15616

Plant Protection

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

Flowering Only Terms and **Conditions**

Plants shall be sold only as "finished plants." "Finished plants" - defined as plants grown for: 1) at least five weeks in a 3-in. (7.5-cm) pot/container or larger; 2) at least four weeks from planting of a rooted cutting; and 3) seven weeks from planting of an unrooted cutting. Self-propagation and/or taking tip cuttings as well as the unlicensed sale and transfer of rooted or unrooted cuttings to any other company or individual, is strictly prohibited. By accepting an order and/or opening a box of Selecta plants, you signify agreement with these Flowering Only terms and conditions. Flowering Only terms and conditions information is also available through Royalty Administration International (RAI). RAI has been appointed as our agent in the U.S. for the protection of Selecta varieties. RAI reserves the right to inspect premises and plantings at any reasonable time to ensure compliance with the terms and conditions stated herein.

Self-Propagation License Agreement

Only Selecta Geranium, New Guinea Impatiens, Osteospermum, Sutera and Poinsettia varieties are available for licensed self-propagation and only for the purpose of producing and selling "Finished" plants (defined above). Propagation is strictly prohibited without a license. To obtain a Self-Propagation license, please contact RAI U.S. at (800) 472-4724. This royalty bearing license must be signed and returned to RAI in order to receive stock plants.



ROYALTY Administration International C.V. 10175 Six Mile Cypress Parkway, Suite 3 Fort Myers, FL 33912-6404

Phone: (800) 472-4724 / (239) 278-9917

Fax: (239) 278-4833 E-mail: info@rai-na.com

2引 2-for-1 Policy

For selected products, Selecta ships 2 cuttings per cutting ordered. Because of their natural habit, unrooted cuttings of the selected products are somewhat fine. It is therefore required that customers use 2 cuttings per cell/pot. This will utilize the full potential of these varieties and result in a higher quality product. Products included in the 2-for-1 program may change. If cuttings are used/planted only 1 per cell/pot, customers will be required to report it to Ball and are responsible for the cost of full royalty. To arrange a payment, please contact Ball at (800) 879-2255.

Selecta Image, Tag and **Trademark Policy**

All images featuring Selecta 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 or Ball.

All images loaned by Selecta 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 products must be supplied or approved by Selecta or Ball. Tags must include the full commercial name of the product, proper trademark (™ or ®) as applicable, variety name, patent information as applicable, the term "Propagation is Prohibited" or "Propagation Prohibited" and Selecta-approved images. All custom tag layouts and orders must be approved prior to production/reproduction.



Terms & Conditions of Sale

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

Acceptance of Terms

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

Limitation of Warranty

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

Limitation of Remedy

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

PURCHASE PRICE, OR FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

Mandatory Arbitration

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

Governing Law, Jurisdiction & Venue

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

Indemnity

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

Minimum Orders

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

Prices

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

Payment

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

Freight & Handling Charges, Inspection, Damaged Goods

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

Damaged rooted cuttings will be replaced by Ball Seed.

Cancellation Policy

Cancellations for unrooted cuttings must be received at least 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 protected by United States Plant Variety Protection, United States Plant Patents, Utility Patents, and/ or Plant Breeders' Rights. Many of the varieties are also protected by the Flowering-Only License Agreement as well as registered with the Canadian Ornamental Plant Foundation. These varieties may not be reproduced without authorization. The breeder or authorized representative has the right to inspect customer's nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

Trademarks

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

Sales Limitations

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



See page 128 for Finishing Guide



Crop		Series	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA+NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
	Angelonia angustifolia	Angelina™	25 mm	not recommended	7 to 9	yes	4	optional	Avoid stretch and overwatering of young plants.
Ô	Arctotis sp.	Opera™	25 / 35 mm	yes	9 to 12	no	4 to 5	no	None.
•	Argyranthemum frutescens	Butterfly and Madeira™	25 mm	no	4 to 7	yes	3 to 4	no	Avoid water stress.
	Bacopa Sutera grandiflora	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 species	Bonfire* Orange, California Sunlight, Fiery Orange, Marshmallow and Mistral TM Please ask for our detailed Tech Sheet.	25 / 35 mm	optional	O 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 ferulifolia	Namid™	25 mm	no	7 to 9	yes	3 to 4	optional	Avoid stretch.
0	Bracteantha bracteata	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 hybrida	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 cultivars	All MiniFamous* Series and Close Up	25 mm	optional	6 to 8	yes	4 to 5	optional	Don't stick too deep; avoid overwatering of young plants and water stress.
*	Calibrachoa hybrida	StarShine™	25 mm	optional	6 to 8	yes	4 to 5	optional	Stick cuttings upon arrival and keep plants evenly moist through finishing; keep pH below 6.5 to prevent Fe deficiency.
	Convolvulus sabatius	Early Blue and 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.
	Dahlia hybrida	Dalaya™	25 mm	yes	7 to 10	no	3 to 4	no	Use night interruption to reduce likelihood of tuber formation.
9	Dahlia pinnata	Dahlietta*	25 mm	yes	7 to 10	no	3 to 4	no	Hormone will improve rooting. Night-break lighting (10 p.m2 a.m.) will reduce likelihood of tuber formation.





species EverLast™, Oscar*, Pink Kisses™ and SuperTrouper™ Diascia cultivars Piccadilly™ 25 mm no 7 to 9 yes 3 to 4 recommended Stick two stick two sticks two sti	ydrated. Sensitive stem; avoid over- ng of young plants. wo cuttings per cell.
species EverLast™, Oscar*, Pink Kisses™ and SuperTrouper™ Diascia cultivars Piccadilly™ 25 mm no 7 to 9 yes 3 to 4 recommended Stick two stick two sticks two sti	stem; avoid over- ng of young plants.
cultivars Euphorbia hypericifolia Loreen™ 25 / 35 mm optional 7 to 10 Apply B-Nine/CCC Tank Mix (S) To 10 Apply B-Nine/CCC Tank Mix (S)	vo cuttings per cell.
hypericifolia B-Nine/CCC as soon Tank Mix (S) buds are	
	ne sensitive, so stick n as possible. Flower re common in nation. Reduce mist n as possible.
	stretch and Itering of young
Gaura Belleza™ 25 mm optional 7 to 9 yes 4 optional Avoid st	tretch.
Gentiana cultivars Luis Easy Blue 25mm no 10 to 12 no 7 to 10 yes Avoid or	overmisting early.
Pelargonium single or cuttings peltatum double strip first three possible fungicid	ght after arrival, keep s hydrated for the ee days, and reduce terwards as soon as e. Apply preventive de treatment after g. Avoid stretch.
Pelagonium x hortorum Sunrise™ And Sunrise™ XL	ght after arrival, keep s hydrated for the ee days, and reduce terwards as soon as e. Apply preventive de treatment after g.
arborescens Don't pu cooler; a fungicid sticking,	ght after arrival. Just URC in the Apply preventive Just treatment after Just and reduce mist as Just as
	e mist starting day 5; verwater.
New Guinea Cultivars Apply p treatme	ght after arrival. oreventive fungicide ent after sticking, duce mist as soon as e.
species and LaVela™ Avoid so	ell drained media. saturated media. e mist early.
	uttings hydrated. overwatering of plants.
Nierembergia caerulea Nierembergia caerulea 25 mm optional 7 to 9 yes 3 to 4 recommended Stick two	vo cuttings per cell.



Rooting Guide

Crop	Series	Recommended Cell Size (in millimeters)	Rooting Hormone (IBA+NAA mix)	Average Days with Mist	Early PGR Treatment Recommended (after 7 - 10 days) ¹	Average Propagation Weeks	Pinch in Propagation	Comments
Osteospermum species	4D [™] , All FlowerPower [™] Series and Zion [™]	25 / 35 mm	recommended	12 to 16	yes	4 to 5	no	Keep cuttings hydrated.
Petunia cultivars	Famous [™] , Headliner [™] , Night Sky, Starlet [™] and SweetSunshine [™]	25 mm	no	7 to 9	yes	4	no	Avoid stretch; apply preventive fungicide spray after sticking.
Phlox cultivars	Gisele™	25 mm	no	12	no	4 to 5	no	Avoid overmisting, and misting after rooting.
Portulaca olerancea	PortoGrande™	25 mm	no	7 to 9	no	3 to 4	optional	Avoid overwatering of young plants.
Sanvitalia procumbens	Tsavo™	25 mm	no	7 to 9	yes	4	optional	Keep cuttings hydrated; avoid overwatering of young plants.
Scaevola aemula	Fairy™	25 mm	recommended	9 to 12	yes	5 to 6	optional	Keep cuttings hydrated.
Trixi*	Trixi recipes - Please ask for our detailed Tech Sheet.	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 species	BeBop™, Blues, Lascar™ and Pops™	25 mm	optional	7 to 9	yes	3 to 4	optional	Avoid stretch; reduce and stop misting as soon as possible.





			ROOTING & F	INISHING		FINISHING GUIDELINI	ES		
Crop		Series	Media pH²	Fertilizer Needs ³	Watering⁴	Temperature Needs Day / Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Angelonia angustifolia	Angelina™	pH~5.8-6.2	175-225 PPM N / EC 1.8-2.0	keep constantly moist	68-78°F / 62-65°F 20-26°C / 17-18°C	yes	6,000 to 10,000	
Ö	Arctotis sp.	Opera™	pH~5.8-6.2	200-250 PPM N	grow on the dry side	65-75°F / 50-60°F 18-24°F / 10-16°C	no	5,000 to 6,000	
0	Argyranthemum frutescens	Butterfly and Madeira™	pH~5.5-6.2	200-250 PPM N / EC 1.8-2.0	keep constantly moist	65-78°F / 50-60°F 18-26°C / 10-16°C	optional	6,000 to 9,000	
	Bacopa Sutera grandiflora	Big Falls™	pH~5.4-5.8	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 50-60°F 18-24°C / 10-16°C	yes	4,000 to 5,000	
	Begonia species	Bonfire* Orange, California Sunlight, Fiery Orange, Marshmallow and Mistral™ Please ask for our detailed Tech Sheet.	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0 - Keep N up.	grow on the dry side	68-78°F / 62-65°F 20-26°C / 17-18°C	yes; pinch to node #3 but before developing node #5	5,000 to 6,000	
	Bidens ferulifolia	Namid™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 50-60°F 18-24°C / 10-16°C	yes	5,000 to 6,000	
O	Bracteantha bracteata	Mohave™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	keep constantly moist	65-75°F / 50-60°F 18-24°C / 10-16°C	for larger pots only	5,000 to 6,000	
	Calceolaria hybrida	Calynopsis™	pH~5.8	200-250 PPM N	grow on the dry side	65-76°F / 40-52°F 18-24°C/ 4-11°C	no	4,000 to 6,000	
*	Calibrachoa species	All MiniFamous* Series, Close Up and StarShine™	pH~5.4-5.8	200-250 PPM N / EC 2.0-2.4	keep evenly moist	70-75°F / 55-60°F 21-24°C / 13-16°C	recommended	5,000 to 6,000	
	Convolvulus sabatius	Early Blue and Prime White	pH~5.8-6.2	225-300 PPM N	keep evenly moist	70-75°F / 55-60°F 21-24°C / 13-16°C	recommended	5,000 to 6,000	
	Dahlia hybrida	Dalaya™	pH~5.8-6.2	225-300 PPM N	keep evenly moist	59-64°F / 59-64°F 15-18°C / 15-18°C	optional	4,000 to 6,000	
	Dahlia pinnata	Dahlietta*	pH~5.8-6.2	225-300 PPM N	keep evenly moist	65-76°F / 59-64°F 18-24°C/ 15-18°C	recommended	4,000 to 6,000	

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 FRO PLANTS PER PO	M ROOTED CUTTIN T (PPP)	NG /
Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
PGRs generally not needed	White Fly, Spider Mites, Botrytis, Pythium	Start late spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 8 weeks, 1 ppp	8 to 9 weeks, 1 to 3 ppp	9 to 12 weeks, 3 to 5 ppp
none	Aphids	Avoid low light and humidity conditions.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 ppp	9 to 12 weeks, 3 ppp
B-Nine 1,500-2,500 PPM+CCC 750-1,000 PPM Tank Mix (S) or Bonzi (D) 2-5 PPM to control growth	Aphids, White Fly, Leafminer, Root Rot, Botrytis	Cool temperatures and high light levels will improve plant quality.	6 to 9 weeks, 1 ppp	7 to 10 weeks, 1 to 3 ppp	9 to 12 weeks, 3 to 5 ppp
B-Nine 750-1,500 PPM (S), Sumagic 5-10 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Botrytis, Pythium	Cool temperatures and high light levels will improve plant quality. Pinch as needed for improved plant habit. Watch for Fe deficiency.	5 to 7 weeks, 1 ppp	7 to 9 weeks, 2 ppp	8 to 10 weeks, 4 to 5 ppp
B-Nine 2,500 PPM (S), 250-500 PPM CCC (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 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 drier to promote higher flower count.	7 to 8 weeks, 1 ppp	9 to 10 weeks, 2 ppp	9 to 12 weeks, 4 ppp
B-Nine 2,500-4,000 PPM	Thrips, Leafminer, Botrytis	Night-break lighting (10 p.m2 a.m.) will reduce likelihood of tuber formation.	6 to 8 weeks, 1 ppp	7 to 9 weeks, 1 to 2 ppp	10 to 12 weeks, 3 to 4 ppp
B-Nine 2,500-4,000 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	-

⁵ **Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.

Finishing Guide



	Jilling Guil								
			ROOTING & F	INISHING		FINISHING GUIDELIN	ES		
Crop		Series	Media pH²	Fertilizer Needs ³	Watering⁴	Temperature Needs Day / Night⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Dianthus caryophyllus	EverLast™, Oscar® and SuperTrouper™	pH~6.2-6.5	100-150 PPM N/ EC 1.4-1.8	grow on the dry side	65-70°F / 50-55°F 18-21°C / 10-13°C	yes	5,000 to 6,000	
	Dianthus cultivars	Dianthalot™	pH~6.2-6.5	100-150 PPM N	keep hydrated	65-70°F / 50-55°F 18-21°C / 10-13°C	yes	5,000 to 6,000	
	Dianthus cultivars	Pink Kisses™	pH~6.2-6.5	100-150 PPM N / EC 1.4-1.8	grow on the dry side	65-70°F / 50-55°F 18-21°C / 10-13°C	optional based on liner	5,000 to 6,000	
	Diascia cultivars	Piccadilly™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 35-52°F 18-24°C / 2-11°C	yes	5,000 to 6,000	
SK.	Euphorbia hypericifolia	Loreen™	pH~5.8-6.2	175-225 PPM N/ EC 1.8-2.0	sensitive to over- watering	65-76°F / 59-67°F 18-24°C / 15-19°C	yes	6,000 to 9,000	
	Fuchsia cultivars	Bellinto™, Bellinto™ Compact	pH~5.8-6.2	175-225 PPM N / EC 1.8-2.0	keep evenly moist	65-70°F / 50-55°F 18-21°C / 10-13°C	recommended	5,000 to 6,000	
H	Gaura lindheimeri	Belleza™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	keep constantly moist	65-75°F / 50-60°F 18-24°C / 10-16°C	yes	5,000 to 6,000	
9	Gentiana cultivars	Luis Easy Blue	pH - 5.8-6.2	100-150 PPM N	keep evenly moist	65-70°F / 50-55°F 18-21°C / 10-13°C	yes	5,000 to 6,000	
	Geranium Ivy Pelargonium peltatum	Royal™	pH~5.4-5.8	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 60-65°F 18-24°C / 16-18°C	recommended	3,000 to 5,000	
	Geranium Zonal Pelargonium x hortorum	Moonlight™, Sunrise™ and Sunrise™ XL	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 60-65°F 18-24°C / 16-18°C	no	3,000 to 5,000	
¥ di	Heliotropium arborescens	Marino™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	keep constantly moist	70-75°F / 55-60°F 21-24°C / 13-16°C	no	5,000 to 9,000	
	Impatiens hawkeri	Bounce [™] and Big Bounce [™]	pH~6.2-6.5	175-225 PPM N	grow on the dry side	68-79°F / 55-64°F 20-26°C / 13-18°C	no	4,000 to 9,000	
	Impatiens New Guinea cultivars	ColorPower™	pH~5.8-6.2	100-150 PPM N/ EC 1.4-1.8	keep constantly moist	70-78°F / 65-68°F 21-26°C / 18-20°C	recommended for larger containers	3,000 to 5,000	
	Lavender species	Calm Breeze and LaVela™	pH~5.8-6.2	150-200 PPM	grow on the dry side	60-75°F / 38-60°F 15-23°C / 3-15°C	yes	5,000 to 9,000	
A,	Lobelia cultivars	Magadi™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	70-75°F / 55-60°F 21-24°C / 13-16°C	yes	5,000 to 6,000	

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 FRO PLANTS PER PO	M ROOTED CUTTIN T (PPP)	IG /
Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S), PGRs are optional	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	14 to 20 weeks (depending on time of the year), 1 ppp	16 to 22 weeks (depending on time of the year), 2 ppp	16 to 22 weeks (depending on time of the year), 4 to 5 ppp
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S), PGRs are optional	Spider Mites, Rust, Fusarium	Pinch when bud is visible and side shoots start to develop. Cool temperatures and high light levels will improve plant quality.	10 to 18 weeks (depending on time of the year), 1 ppp	12 to 20 weeks (depending on time of the year), 2 ppp	12 to 20 weeks (depending on time of the year) 4 to 5 ppp
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S), PGRs are optional	Spider Mites, Rust, Fusarium	Leave early flowers on plant. Blooms last a long time.	14 to 20 weeks (depending on time of the year), 1 ppp	16 to 22 weeks (depending on time of the year), 2 ppp	-
B-Nine 2,500 PPM (S), Sumagic 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
B-Nine 2,500 PPM (S), Sumagic 15-20 PPM (S)/ Bonzi 30-40 PPM (S)	White Fly, Aphids	Avoid stretch; pinch early for better plant development.	7 to 9 weeks, 1 ppp	9 to 12 weeks 1 to 2 ppp	10 to 13 weeks, 3 to 4 ppp
B-Nine 2,500 PPM (S), Bonzi 2-5 PPM (S), PGRs are optional	Spider Mites	Compact first-year-blooming perennial.	14 to 20 weeks, 3 ppp	16 to 22 weeks, 6 ppp	
CCC 750-1,000 PPM + B-Nine 1,500-2,500 PPM Tank Mix (S), Bonzi 2-5 PPM (S) / CCC 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
CCC 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
B-Nine 2,500 PPM (S), CCC 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	Rosemary Beetle, Pythium, Rhizoctonia	Grow cool and on the dry side.	8 to 10 weeks, 1 ppp	10-12 weeks, 1-2 ppp	10 to 13 weeks, 3 to 4 ppp
B-Nine 1,500-2,500 PPM (S), Sumagic 3-5 PPM (S)/ Sumagic 0.25 PPM (D)	Thrips, Aphids, Spider Mites, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 1 to 2 ppp	8 to 10 weeks, 4 to 5 ppp

⁵ **Temperature needs day/night:** During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations. The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12°F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.





			ROOTING & F	INISHING		FINISHING GUIDELINE	ES		
Crop		Series	Media pH²	Fertilizer Needs ³	Watering ⁴	Temperature Needs Day / Night ⁵	Pinch after Transplant (unpinched liners)	Light Levels in Foot Candles	
	Nierembergia caerulea	Lara™	pH~5.4-5.8	100-150 PPM N / EC 1.4-1.8	keep constantly moist	68-78°F / 62-65°F 20-26°C / 17-18°C	yes	5,000 to 6,000	
	Osteospermum hybrid	4D™	pH~5.8-6.2	200-250 PPM N	dry regularly between waterings	59-76°F / 35-55°F 15-24°C / 2-13°C	recommended	5,000 to 9,000	
	Osteospermum ecklonis	All FlowerPower™ Series and Zion™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	dry regularly between waterings	60-65°F / 35-52°F 16-18°C / 2-11°C	recommended	5,000 to 6,000	
	Petunia cultivars	Famous™, Headliner™, Night Sky, Starlet™ and SweetSunshine™	pH~5.4-5.8	250-300 PPM N / EC 2.0-2.4	keep constantly moist	65-75°F / 50-60°F 18-24°C / 10-16°C	recommended	5,000 to 6,000	
	Phlox cultivars	Gisele™	pH~5.8-6.2	150-200 PPM	avoid overwatering	65-80°F / 50-65°F 18-27°F / 15-18°C	recommended	3,000 to 9,000	
	Portulaca olerancea	PortoGrande™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 60-65°F 18-24°C / 16-18°C	yes	5,000 to 6,000	
×	Sanvitalia procumbens	Tsavo™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	70-75°F / 55-60°F 21-24°C / 13-16°C	yes	4,000 to 5,000	
7	Scaevola aemula	Fairy™	pH~5.4-5.8	200-250 PPM N / EC 1.8-2.0	grow on the dry side	68-78°F / 62-65°F 20-26°C / 17-18°C	yes	5,000 to 6,000	
· ·	Trixi*	Trixi recipes - Please ask for our detailed Tech Sheet.	pH~5.4-5.8	200-250 PPM N / EC 1.8-2.0	keep constantly moist	70-75°F / 55-60°F 21-24°C / 13-16°C	a 2nd pinch is recommended	5,000 to 6,000	
4.5	Verbena cultivars	BeBop™	pH ~ 5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 60-65°F 18-24°C / 16-18°C	yes	5,000 to 6,000	
	Verbena species	Blues, Lascar™ and Pops™	pH~5.8-6.2	200-250 PPM N / EC 1.8-2.0	grow on the dry side	65-75°F / 60-65°F 18-24°C / 16-18°C	yes	5,000 to 6,000	

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			CROP TIME FRO	M ROOTED CUTTIN T (PPP)	G /
Plant Growth Regulators (PGR) (S) = spray / (D) = drench	Pests and Fungal Diseases	Comments	4- to 5-inch (10- to 13-cm) Pots, Quarts	6-inch (15-cm) Pots, Gallons	10- to 12-inch (25- to 30-cm) Tubs or Baskets
B-Nine 2,500 PPM (S)	Aphids, Botrytis, Pythium	Start late Spring when day length increases and temperatures rise. Pinch as needed for improved plant habit. High light and warm temperatures will improve flowering, branching and plant development.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 2 ppp	8 to 10 weeks, 5 ppp
Cycocel 750-1,500 PPM (S), CCC 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
CCC 1,000 PPM+B-Nine 2,500 PPM Tank Mix (S), Sumagic 5-10 PPM (S)/ CCC 750-1,500 PPM (D), Sumagic 0.5-1 PPM (D), Bonzi 0.5-3 PPM (D)	Aphids, White Fly, Thrips, Botrytis, Pythium	Pinch after plants have rooted into the media and are well-developed, but avoid stretch. Cool temperatures and high light levels will improve plant quality.	9 to 12 weeks, 1 ppp	10 to 13 weeks, 1 ppp	10 to 14 weeks, 3 to 4 ppp
B-Nine 2,500 PPM (S), Sumagic 20-30 PPM (S)/ Sumagic 0.5 PPM (D), Bonzi 2-4 PPM (D)	Aphids, Thrips, Leafminer, White Fly, Powdery Mildew, Pythium	Cool temperatures and high light levels will improve plant quality. Watch Fe deficiency.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	9 to 12 weeks, 3 to 4 ppp
B-Nine 1,500-2,000 PPM (S)	Thrips, Pythium, Powdery Mildew	Avoid overwatering.	5 to 6 weeks, 1 ppp	6 to 8 weeks, 1 to 2 ppp	10 to 12 weeks, 3 to 4 ppp
generally not needed - keep dry to control vigor	Aphids, Fungus Gnats, Slugs, Botrytis, Pythium	Pinch as needed for improved plant habit. Let media dry out between watering.	6 to 8 weeks, 1 ppp	8 to 10 weeks, 2 ppp	9 to 12 weeks, 4 to 5 ppp
B-Nine 2,500 PPM (S), Sumagic 2-5 PPM (S)	Aphids, Spider Mites, Pythium	Start late Spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 7 weeks, 1 ppp	8 to 9 weeks, 1-2 ppp	9 to 12 weeks, 4 to 5 ppp
Sumagic 5-10 PPM (S), Bonzi 10-20 PPM (S)/ Bonzi 0.5-1 PPM (D)	Botrytis, Pythium, Phytophtora	Start late Spring when day length increases and temperatures rise. High light and warm temperatures will improve flowering, branching and plant development.	6 to 7 weeks, 1 ppp	8 to 10 weeks, 1 to 2 ppp	9 to 12 weeks, 4 to 5 ppp
Depends on the Mix. B-Nine 2,500-3,500 PPM (S), Sumagic 5-20 PPM (S) / Sumagic 0.25-0.50 PPM (D), Bonzi 2-4 PPM (D)	Depends on the Mix. See single crops for a list of possible problems.	Cool temperatures and high light levels will improve plant quality. Pinch as needed for improved plant habit. Watch for Fe deficiency.	5 to 6 weeks, 1 ppp	5 to 6 weeks, 1 to 2 ppp	8 to 10 weeks, 3 to 4 ppp
B-Nine 1,500-2,500 PPM (S), Sumagic 5-10 PPM (S), CCC 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), CCC 1,000-2,000 (S)	Thrips, Aphids, White Fly, Leafminer, Powdery Mildew	Let media dry out between watering. Avoid stretch, and pinch as needed to improve plant habit.	6 to 7 weeks, 1 ppp	7 to 9 weeks, 1 ppp	8 to 10 weeks, 3 to 5 ppp

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