

Golden Butterfly™

Argyranthemum frutescens



Landscape Info:	
USDA zone:	10-11
Mature height:	18-36"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Newly designed series in three perfectly matched forms, Golden Butterfly™, Pure White Butterfly™, Vanilla Butterfly® Improved.
Improved heat tolerance, more uniform flowering, easy to grow series.
The large daisy flowers thoroughly cover the plants all summer, no deadheading needed.



Cultural info:

pH/EC:	5.8-6.2/ 0.6-0.9
Fertilization:	150-200ppm
Light Level:	High
Watering:	Average
Rooting Out Temp:	65-72°F
Growing Temp:	55-65°F
Holding Temp:	40-50°F
Sales Window:	Spring, Summer, Fall
Pinching:	Pinch at 1–2 weeks after transplant if needed.
Vernalization:	NA
Vigor Rating:	3
Natural Day Flower:	Long Days for peak blooming

Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:

- Use in containers of all kinds, including combinations as well as in landscapes.
- Transplant Argyranthemum liners first to avoid stretching in the liner trays. Prior to mid-March planting a pinch may be beneficial on 4.5" containers. After mid-March that pinch will not be necessary due to increased daylength and light intensity.
- Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high.
- For specimen containers and pots larger than 6" make a soft pinch at 2 weeks after planting.
- 5-10 ppm Sumagic spray or a 1–3ppm Bonzi drench will help control growth. Cold is a good natural growth regulator.
- Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.

NOTES:

Vanilla Butterfly® Imp

Argyranthemum frutescens



Landscape Info:	
USDA zone:	9-11
Mature height:	18-36"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Newly designed series in three perfectly matched forms, Golden Butterfly™, Pure White Butterfly™, Vanilla Butterfly® Improved.
Improved heat tolerance, more uniform flowering, easy to grow series.
The large daisy flowers thoroughly cover the plants all summer, no deadheading needed.



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use in containers of all kinds, including combinations, as well as landscapes. • Transplant Argyranthemum liners first to avoid stretching in the liner trays. Prior to mid-March planting a pinch may be beneficial on 4.5" containers. After mid-March that pinch will not be necessary due to increased daylength and light intensity. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For specimen containers and pots larger than 6" make a soft pinch at 2 weeks after planting. • 5-10 ppm Sumagic spray or a 1–3ppm Bonzi drench will help control growth. Cold is a good natural growth regulator. • Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.
NOTES:

CAMPFIRE® Fireburst Imp

Bidens hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	12-18"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
More vibrant colors, with larger flowers.
Vigorous and heat tolerant with striking scarlet and yellow flowers in the summer months and orange petals in the cooler temperatures early spring and fall.
Pollinator plant: Attracts Bees.
A more controlled growth habit with less PGRs needed.



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great in containers of all kinds and good for use in the landscape as well. • Comparable in size and habit to Bidens - Goldilocks Rocks®, but a bit taller and more mounding. • PGRS – Begin with spray of B-Nine (Daminozide) at 2,500 ppm. Holding can be done using a Bonzi (Paclobutrazol) drench of 1-3 ppm. Also responds to Sumagic sprays at 3-5 ppm or Sumagic drench at 0.25 ppm. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor. • Good water management practices are critical to healthy plant growth. • Treat with preventative broad spectrum fungicidal drench at transplant. • Scout crops regularly (at least once a week) for disease development.
NOTES:

LADY GODIVA™ Orange

Calendula hybrid



Landscape Info:	
USDA zone:	7-11
Mature height:	10-16"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Large, colorful, fully double flowers and phenomenal Calendula heat tolerance.
Bright golden orange flower color.
Great for cool seasons both spring and fall, yet tough enough to keep blooming through the summer.



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use containers and landscapes. • Lady Godiva™ is an innovation in heat tolerant, long performance Calendula. • High light in production is essential. • Good water management practices are critical to healthy plant growth. Avoid overhead watering late in the day. Avoid saturated containers, and grow slightly on the dry side. Using fertilizer high in ammonia content can cause excessive vegetative growth and lack of flowers. • Growth can be controlled using lower temperatures. • A routine preventative fungicidal spray program is encouraged. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor.
NOTES:

SUPERBELLS® Blue Moon Punch™

Calibrachoa hybrid



Landscape Info:

USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:

Similar in habit to and vigor to Superbells® Pink, with great flower coverage and large scalloped flower petal edge.

The petite flowers grace cascading plants that are great in combinations, mono-hanging baskets and in raised beds with great drainage.

All our Superbells® are hummingbird attractants.



Cultural info:

pH/EC:	5.5-5.8/ 0.6-0.9
Fertilization:	150-200ppm
Light Level:	High
Watering:	Average
Rooting Out Temp:	65-72°F
Growing Temp:	55-65°F
Holding Temp:	40-50°F
Sales Window:	Spring, Summer, Fall
Pinching:	Pinch at 1–2 weeks after transplant if needed.
Vernalization:	NA
Vigor Rating:	2
Natural Day Flower:	Week 8-9

Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:

- Calibrachoa need good drainage to perform well.
- Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range.
- Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator.
- Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high.
- For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging.
- 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.

NOTES:

SUPERBELLS® Double Orchid

Calibrachoa hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Cultural info:		
pH/EC:	5.5-5.8/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Week 8-9	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Features & Benefits:
A new Superbells® Series with two great double flowering Calibrachoa: Superbells® Double Ruby and Superbells® Double Orchid. Mounding trailing habit, with a strong robust growth.
Small double flowers are resistant to rain and wind.
Abundant, small rose-like flowers all season on cascading growth; low maintenance.

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Grower Tips:
<ul style="list-style-type: none"> • Calibrachoa need good drainage to perform well. • Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range. • Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. • 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.
NOTES:

SUPERBELLS® Double Ruby

Calibrachoa hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
A new Superbells® Series with two great double flowering Calibrachoa: Superbells® Double Ruby and Superbells® Double Orchid. Mounding trailing habit, with a strong robust growth.
Small double flowers are resistant to rain and wind.
Abundant, small rose-like flowers all season on cascading growth; low maintenance.



Cultural info:		
pH/EC:	5.5-5.8/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1-2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Week 10	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Calibrachoa need good drainage to perform well. • Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range. • Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. • 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.
NOTES:

SUPERBELLS® Over Easy Imp

Calibrachoa hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Beautiful clear white, large flowers with tiny but intense yellow throat.
Abundant, small petunia-like flowers all season on cascading growth; low maintenance.
A perfect natural depiction of Eggs "Over Easy"
Screened for Thielaviopsis resistance, as are all the Superbells®.



Cultural info:		
pH/EC:	5.5-5.8/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1-2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Week 8-9	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Calibrachoa need good drainage to perform well. • Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range. • Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. • 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.
NOTES:

SUPERBELLS® Plum Imp

Calibrachoa hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Great improvement with better flower coverage, more compact. Slightly richer, stronger plum color.
Quicker to color up in spring, and overall earlier flowering.
Abundant, small petunia-like flowers all season on cascading growth; low maintenance.



Cultural info:		
pH/EC:	5.5-5.8/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1-2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Week 9-10	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Calibrachoa need good drainage to perform well. • Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range. • Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. • 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.
NOTES:

SUPERBELLS® Rising Star™

Calibrachoa hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Rich magenta pink calibrachoa petals intersected by a bright yellow/white star pattern.
Great new additional color to the Superbells® “Star series” Superbells® Cherry Star™, Superbells® Hollywood Star™, Superbells® Morning Star™, new Superbells® Cardinal Star™, and Superbells® Evening Star™.
Abundant, small petunia-like flowers all season on cascading growth; low maintenance.

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Cultural info:		
pH/EC:	5.5-5.8/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Week 7	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Calibrachoa need good drainage to perform well. • Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range. • Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. • 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.
NOTES:

SUPERBELLS® White Imp

Calibrachoa hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Matches Superbells® Yellow Improved habit perfectly, and improved flower coverage.
Easier to grow, more uniform branching, more controlled habit
All our Superbells® are hummingbird attractants.
Abundant, small petunia-like flowers all season on cascading growth; low maintenance.

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Cultural info:		
pH/EC:	5.5-5.8/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Week 11	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Calibrachoa need good drainage to perform well. • Chlorotic tips is often an indicator of high pH. Be sure to keep pH in optimum range. • Cold is a good natural growth regulator. Reducing production temperatures is a good natural growth regulator. • Scout regularly for aphids which can be problematic. Be sure to check hanging baskets that are hanging high. • For hanging baskets and pots larger than 6" make a soft pinch at planting and trim around pot just prior to hanging. • 5-10 ppm Sumagic or a B-9/Cycocel (2500/750) tank mix is effective. 500 ppm Florel on baskets and larger pots will promote branching.
NOTES:

TOUCAN™ Coral

Canna generalis



Landscape Info:	
USDA zone:	8-11
Mature height:	30-48"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
<p>This Canna Lily will bloom all summer, it is extremely heat tolerant - loving both heat and humidity. The TOUCAN™ Cannas are adaptable in the garden and can take wet or dry conditions.</p> <p>Wonderful new color addition to the Toucan Series (Scarlet, Rose, Yellow, and Dark Orange) of Canna.</p>



Cultural info:		
pH/EC:	5.8-6.2/ 1.0-2.0	
Fertilization:	200-250ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-80°F	
Holding Temp:	65-80°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	No pinch necessary.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> TOUCAN™ Cannas are great plants for use as the thriller in large combinations, they also do very well grown alone in containers. They are fantastic landscape plants and lend a tropical feel to gardens in any locale. While the TOUCAN™ series can be grown in 4.5" and quart containers, we recommend the Royale or 1 gallon size container as optimum for ease in production and sales. Do not use irrigation frequency to control plant size: Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt. Make sure your fertilizer has a complete micronutrient mix as these Canna grow fast and use a lot of food to get maximum performance. Warmth and moisture are the key to a high quality Canna crop. Make sure your temperatures do not drop below 60-65F or chilling injury may delay the crop. A drench of 1-4 ppm paclobutrazol can be used to help hold a crop or if control of growth is desired.. Check manufacturers labels for approved rates and usage recommendations. Watch for spider mites, especially if crop is not actively growing. Plants will normally flower in 7-10 weeks at optimal temperatures. <p>NOTES:</p>

FAIRY DUST™ Pink

Cuphea hybrid



Landscape Info:	
USDA zone:	10-11
Mature height:	10-16"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
FAIRY DUST™ Pink gives the Proven Winners a great performing, high flower coverage Cuphea for use in combination planters of all kinds.
This Cuphea supplies tons of tiny pink flowers that fill those open spaces that occur in combinations and garden plantings.



Cultural info:		
pH/EC:	6.0-6.5/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	65-72°F	
Holding Temp:	50-60°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use in containers and landscapes. • Avoid over watering especially early in the crop cycle. Plants can be run a little dry but should not be dried to the point of wilt. Wilting will cause leaf burn.
NOTES:

DAHLIGHTFUL® Crushed Crimson

Dahlia hybrid



Landscape Info:	
USDA zone:	8-11
Mature height:	24-30"
Exposure:	Sun
Irrigation:	Average

Features & Benefits:
Two new colors in the dark-leaved Dahlightful® Dahlia Series: Crushed Crimson and Tupelo Honey join Lively Lavender, Georgia Peach & Sultry Scarlet.
What sets these Dahlias apart is their ability to flower early during short days in the spring, and still continue flowering heavily in the short days of fall.



Cultural info:		
pH/EC:	5.8-6.2/ 0.8-1.2	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	65-72°F	
Holding Temp:	50-60°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great in landscape and containers • Good for early production scenarios, with little tuber production under short days, makes for easier production of the series in early spring. • Pinch at transplant for fuller finished plant. A second pinch maybe needed in larger container sizes. Large pots are best, though quick cropping in mid to late spring in small containers can be done. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor.
NOTES:

DAHLIGHTFUL® Tupelo Honey

Dahlia hybrid



Landscape Info:	
USDA zone:	8-11
Mature height:	24-30"
Exposure:	Sun
Irrigation:	Average

Cultural info:

pH/EC:	5.8-6.2/ 0.8-1.2
Fertilization:	150-200ppm
Light Level:	High
Watering:	Average
Rooting Out Temp:	65-72°F
Growing Temp:	65-72°F
Holding Temp:	50-60°F
Sales Window:	Spring, Summer, Fall
Pinching:	Pinch at 1–2 weeks after transplant if needed.
Vernalization:	NA
Vigor Rating:	3
Natural Day Flower:	Long Days for peak blooming

Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Features & Benefits:

Two new colors in the dark-leaved Dahlightful® Dahlia Series: Tupelo Honey and Crushed Crimson join Lively Lavender, Georgia Peach & Sultry Scarlet.

What sets these Dahlias apart is their ability to flower early during short days in the spring, and still continue flowering heavily in the short days of fall.



Grower Tips:

- Great in landscape and containers
- Good for early production scenarios, with little tuber production under short days, makes for easier production of the series in early spring.
- Pinch at transplant for fuller finished plant. A second pinch maybe needed in larger container sizes. Large pots are best, though quick cropping in mid to late spring in small containers can be done.
- Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.
- Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor.

NOTES:

KARALEE® Petite Pink Imp

Gaura lindheimeri



Landscape Info:	
USDA zone:	6-10
Mature height:	14-20"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Karalee® Petite Pink with its rich rose- pink blooms now has more flowers larger stature, and improved vigor.
Wands of pink flowers hover like butterflies over dark green to burgundy foliage; blooms all summer.
Pollinator plant: Attracts bees.

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Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:		
Vigor Rating:	3	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> Plant alone or in combinations in all container types and landscapes. Many public gardens are using Gaura as a thriller in the center of their large combination baskets and uprights. Gaura has primarily an upright habit and with the long “wands of flowers” they break the sight line of rounded planters
NOTES:

HIPPO™ Red

Hypoestes phyllostachya



Landscape Info:

USDA zone:	10-11
Mature height:	16-22"
Exposure:	Shade to Sun
Irrigation:	Average

Features & Benefits:

A new plant series for Proven Winners! The Hippo™ Hypoestes Series of Red, Rose, Pink and White are uniquely bright and vigorous. Much larger than generic types.

They will grow equally well in sun or shade. They are not your “grandmothers’ Polka-Dot plant designated to the windowsill always looking out.



Cultural info:

pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	Moderate	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-80°F	
Holding Temp:	65-80°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	NA	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:

- Great in landscapes and containers.
- The Hippo™ series prefers warmer production temperatures, avoid chilling.
- Do not use irrigation frequency to control plant size: Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt.
- Avoid sharp changes in light level, plants will adapt to any light level but you want to avoid damaging existing leaves by too much stress.
- Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.
- Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.
- B-Nine may be used at 1,500-2,500ppm 2 weeks after transplant. Bonzi is also effective. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations.
- These are great plants that work extremely well in the garden in any location and you never have to wait until they bloom, their color is in the leaves

NOTES:

HIPPO™ Rose

Hypoestes phyllostachya



Landscape Info:	
USDA zone:	10-11
Mature height:	16-22"
Exposure:	Shade to Sun
Irrigation:	Average

Features & Benefits:
A new plant series for Proven Winners! The Hippo™ Hypoestes Series of Red, Rose, Pink and White are uniquely bright and vigorous. Much larger than generic types.
They will grow equally well in sun or shade. They are not your “grandmothers’ Polka-Dot plant designated to the windowsill always looking out.



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	Moderate	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-80°F	
Holding Temp:	65-80°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	NA	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great in landscapes and containers. • The Hippo™ series prefers warmer production temperatures, avoid chilling. • Do not use irrigation frequency to control plant size: Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt. • Avoid sharp changes in light level, plants will adapt to any light level but you want to avoid damaging existing leaves by too much stress. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth. • B-Nine may be used at 1,500-2,500ppm 2 weeks after transplant. Bonzi is also effective. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations. • These are great plants that work extremely well in the garden in any location and you never have to wait until they bloom, their color is in the leaves
NOTES:

LUSCIOUS® ROYALE Cosmo

Lantana camara



Landscape Info:	
USDA zone:	9-11
Mature height:	12-26"
Exposure:	Sun
Irrigation:	Average

Features & Benefits:
<p>Now part of a new Royale Collection of the Luscious® Lantanas: Royale Pina Colada, and Royale Cosmo.</p> <p>Pink, yellow, and magenta flowers cover the dark foliage of this plant. Extreme heat tolerance makes it a winner!</p> <p>These Luscious® Royale Lantana are vigorous yet compact, with no seed set. Attracts birds, butterflies, and hummingbirds.</p>



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-1.5	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-75°F	
Holding Temp:	50-60°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great in both containers and landscapes. • Warm, bright growing conditions are optimum. Where early spring conditions do not allow production under these parameters consider growing Lantana for late spring to summer sales. Cold and wet growing conditions can double the crop time. • The Luscious® collection of Lantana will vary somewhat in form. A second Pinch to shape may be needed. PGRs should not be needed. • Use caution when using Florel, leaf drop can occur. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Scout crops regularly (at least once a week) for disease and insect development. • Good air circulation, control of humidity, and good sanitation practices are critical. • Good water management practices are critical to healthy plant growth. <p>NOTES:</p>

BRIGHT LIGHTS™ DOUBLE Moonglow

Osteospermum hybrid



Landscape Info:	
USDA zone:	9-11
Mature height:	8-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Heat tolerant plants, with soft vanilla cream colored petals offset by a frill of buttery yellow petals in the center.
Having the additional "semi-double" flower form not only brings additional color into the garden but also allows for these plants to resist flower closure at dusk.



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> The Brights Lights™ and Brights Lights™ Double series are great in both landscapes and containers. Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor. Cooler temperatures and high light in production are best for highest quality crops. Especially for spring bud set and branching. Treat with a preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Scout crops regularly (at least once a week) for disease development. Removing the buds and flowers at transplant isn't necessary but can be beneficial. Good water management practices are critical to healthy plant growth.
NOTES:

SUPERTUNIA® Ginger Charm

Petunia hybrid



Landscape Info:	
USDA zone:	10-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Supertunia® Ginger Charm is a wonderful soft salmon orange flower color.
Supertunia® Charm petunias are vigorous with slightly mounded habits and can be used as both fillers and spillers in containers.
They are also an excellent landscape substitution for Calibrachoa in ground beds.

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Cultural info:		
pH/EC:	5.5-5.8/ 1.0-2.0	
Fertilization:	200-300ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1-2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Week 10-11	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use in hanging baskets, window boxes, landscaping and combination planters. • Requires high light in production. • Needs 250+ ppm fertilizer. Watch pH and EC levels. • Yellow growth tips often indicate iron deficiency caused by high soil pH. • For hanging baskets and pots larger than 6" soft pinch at planting and trim around pot just prior to hanging. • 10-15 ppm Sumagic spray or 1-3 ppm Bonzi drench are effective at controlling growth. Apply as needed. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations • Cold temperatures will also effectively control growth. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Scout crops regularly (at least once a week) for disease development. • Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.
NOTES:

SUPERTUNIA® Hot Pink Charm

Petunia hybrid



Landscape Info:	
USDA zone:	10-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Supertunia® Charm petunias are vigorous with slightly mounded habits and can be used as both fillers and spillers in containers.
Attracts butterflies, and hummingbirds.
A perfect match in habit to Supertunia® Pink Star Charm.



Cultural info:		
pH/EC:	5.5-5.8/ 1.0-2.0	
Fertilization:	200-300ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1-2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Week 10-11	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use in hanging baskets, window boxes, landscaping and combination planters. • Requires high light in production. • Needs 250+ ppm fertilizer. Watch pH and EC levels. • Yellow growth tips often indicate iron deficiency caused by high soil pH. • For hanging baskets and pots larger than 6" soft pinch at planting and trim around pot just prior to hanging. • 10-15 ppm Sumagic spray or 1-3 ppm Bonzi drench are effective at controlling growth. Apply as needed. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations • Cold temperatures will also effectively control growth. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Scout crops regularly (at least once a week) for disease development. • Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.
NOTES:

SUPERTUNIA® Mulberry Charm

Petunia hybrid



Landscape Info:

USDA zone:	10-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:

Has the same flower color as Supertunia® Bordeaux only in a smaller more compact growth habit with “charmed” sized flowers..

Supertunia® Charm petunias are vigorous with slightly mounded habits that function as both fillers and spillers in containers. They are also excellent landscape plants.

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Cultural info:

pH/EC:	5.5-5.8/ 1.0-2.0	
Fertilization:	200-300ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Week 7-8	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:

- Use in hanging baskets, window boxes, landscaping and combination planters.
- Requires high light in production.
- Needs 250+ ppm fertilizer. Watch pH and EC levels.
- Yellow growth tips often indicate iron deficiency caused by high soil pH.
- For hanging baskets and pots larger than 6" soft pinch at planting and trim around pot just prior to hanging.
- 10-15 ppm Sumagic spray or 1-3 ppm Bonzi drench are effective at controlling growth. Apply as needed. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations
- Cold temperatures will also effectively control growth.
- Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.
- Scout crops regularly (at least once a week) for disease development.
- Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.

NOTES:

SUPERTUNIA® Lovie Dovie

Petunia hybrid



Landscape Info:

USDA zone:	10-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:

Supertunia® Lovie Dovie with it's white ruffled flowers that are accented with a brilliant magenta star pattern are unique and sure to be a hit.

Supertunia® Petunias are vigorous with slightly mounded habits, they are also excellent landscape plants .

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Cultural info:

pH/EC:	5.5-5.8/ 1.0-2.0	
Fertilization:	200-300ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Week 9-10	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:

- Use in hanging baskets, window boxes, landscaping and combination planters.
- Requires high light in production.
- Needs 250+ ppm fertilizer. Watch pH and EC levels.
- Yellow growth tips often indicate iron deficiency caused by high soil pH.
- For hanging baskets and pots larger than 6" soft pinch at planting and trim around pot just prior to hanging.
- 10-15 ppm Sumagic spray or 1-3 ppm Bonzi drench are effective at controlling growth. Apply as needed. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations
- Cold temperatures will also effectively control growth.
- Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant.
- Scout crops regularly (at least once a week) for disease development.
- Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.

NOTES:

SUPERTUNIA® Royal Magenta Imp

Petunia hybrid



Landscape Info:	
USDA zone:	10-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Improved habit, more compact, also improved flower coverage but the same great flower size and color..
Supertunia® Petunias are vigorous with slightly mounded habits. They are also excellent landscape plants .



Cultural info:		
pH/EC:	5.5-5.8/ 1.0-2.0	
Fertilization:	200-300ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Week 5-6	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use in hanging baskets, window boxes, landscaping and combination planters. • Requires high light in production. • Needs 250+ ppm fertilizer. Watch pH and EC levels. • Yellow growth tips often indicate iron deficiency caused by high soil pH. • For hanging baskets and pots larger than 6" soft pinch at planting and trim around pot just prior to hanging. • 10-15 ppm Sumagic spray or 1-3 ppm Bonzi drench are effective at controlling growth. Apply as needed. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations • Cold temperatures will also effectively control growth. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Scout crops regularly (at least once a week) for disease development. • Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.
NOTES:

SUPERTUNIA® Vista Valentine

Petunia hybrid



Landscape Info:	
USDA zone:	10-11
Mature height:	12-24"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Vista Valentine joins Vista Bubblegum®, Vista Silverberry and Vista Fuchsia, an outstanding landscape series of Supertunia®.
Supertunia® Vista Petunias are very vigorous, with mounding habits that can reach up to 2 feet in height in the landscape.



Cultural info:		
pH/EC:	5.5-5.8/ 1.0-2.0	
Fertilization:	200-300ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Week 10-11	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Use in hanging baskets, window boxes, landscaping and combination planters. • Requires high light in production. • Needs 250+ ppm fertilizer. Watch pH and EC levels. • Yellow growth tips often indicate iron deficiency caused by high soil pH. • For hanging baskets and pots larger than 6" soft pinch at planting and trim around pot just prior to hanging. • 10-15 ppm Sumagic spray or 1-3 ppm Bonzi drench are effective at controlling growth. Apply as needed. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations • Cold temperatures will also effectively control growth. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Scout crops regularly (at least once a week) for disease development. • Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth.
NOTES:

INTENSIA® Red Hot

Phlox hybrid



Landscape Info:	
USDA zone:	10-11
Mature height:	10-16"
Exposure:	Sun
Irrigation:	Average

Features & Benefits:
A TRUE red that gives you nonstop color with minimal care. A Gardeners' Dream!
The Intensia® Phlox Series now includes: Intensia Red Hot, Intensia® Blueberry, and Intensia® White.
Large, bright-red flowers on mildew, heat and drought tolerant plants. Attracts butterflies.



Cultural info:		
pH/EC:	5.8-6.2/ 1.0-1.5	
Fertilization:	200-250ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	55-65°F	
Holding Temp:	40-50°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	2	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great in landscapes with good drainage and in containers of all types. • Good air circulation and water drainage are important. Use a well drained soil mix. • Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. • Scout crops regularly (at least once a week) for disease development. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor. • Good water management practices are critical to healthy plant growth. • Apply growth regulators as needed for height control. B-9 at 2,500 to 3750 ppm should be effective. Growth Regulator Disclaimer: Check manufacturers labels for approved rates and usage recommendations.
NOTES:

Rockin'™ Playin' the Blues® Imp

Salvia longispicata x farinacea



Landscape Info:	
USDA zone:	7-10
Mature height:	24-48"
Exposure:	Part to Full Sun
Irrigation:	Average

Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	65-72°F	
Holding Temp:	65-72°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1-2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Features & Benefits:
More compact plant, with better branching. Beautiful blue flowers all summer long. As the flowers age, the calyx remains deep-blue after the actual flower falls off, giving the impression that the entire flower stalk remains in flower.
Phenomenal pollinator plant!
Tough and durable, great specimen plant for your garden



Grower Tips:
<ul style="list-style-type: none"> • Great in beds, along walkways, and on patios. • Improvements include much more compact habit and same easy production. • High light in production is essential. • Good water management practices are critical to healthy plant growth. Avoid overhead watering late in the day. • Avoid saturated containers, and grow slightly on the dry side. • Using fertilizer high in ammonia content can cause excessive vegetative growth and lack of flowers. • Compact early habit is great for smaller container production. Growth can be controlled using lower temperatures. • A routine preventative fungicidal spray program is encouraged. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor.
NOTES:

Rockin'[™] Deep Purple

Salvia hybrid



Landscape Info:	
USDA zone:	9-10
Mature height:	18-36"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
More compact, well-branched, less rangy, darker foliage than Amistad. Perfect thriller for pots and landscapes.
Large, deep purple flowers with black bracts all season
Pollinator plant: Attracts bees, butterflies, and hummingbirds.



Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	65-72°F	
Holding Temp:	65-72°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande [™]	1	5 to 7
Quart	1	6 to 8
Royale [™]	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great in beds, along walkways, and on patios. • Improvements include much more compact habit and same easy production. • High light in production is essential. • Good water management practices are critical to healthy plant growth. Avoid overhead watering late in the day. • Avoid saturated containers, and grow slightly on the dry side. • Using fertilizer high in ammonia content can cause excessive vegetative growth and lack of flowers. • Compact early habit is great for smaller container production. Growth can be controlled using lower temperatures. • A routine preventative fungicidal spray program is encouraged. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor.
NOTES:

A-PEEL® Lemon

Thunbergia alata



Landscape Info:	
USDA zone:	10-11
Mature height:	climbing
Exposure:	Sun
Irrigation:	Average

Features & Benefits:
The A-Peel® Series consists of Lemon, Tangerine Slice and Orange.
This annual vine, will give you color all summer long, extremely heat tolerant.
Use as a spiller in baskets and combinations
Use as a thriller (if grown on a trellis or support) in an upright combination.

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Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	200-250ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-80°F	
Holding Temp:	65-80°F	
Sales Window:	Spring, Summer	
Pinching:	Pinch 7-10 days after transplant. See grower tips.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> Great for use in landscapes and containers. If grown in a hanging basket it will climb the chains. Given something to climb on in landscapes and upright containers, it will do so. The A-Peel® series prefers warmer production temperatures, avoid chilling. Do not use irrigation frequency to control plant size: Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt. These annual vines can be quite vigorous, so monitor basket and containers to keep twining stems from growing between containers. An additional 1 to 2 pinches may be needed for larger pot sizes. Scout for spider mite and white fly especially when crops are held for long periods before sale. Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth. B-Nine may be used at 1,500-2,500ppm 2 weeks after transplant. Bonzi is also effective. Check manufacturers labels for approved rates and usage recommendations.
NOTES:

A-PEEL® Orange

Thunbergia alata



Landscape Info:	
USDA zone:	10-11
Mature height:	climbing
Exposure:	Sun
Irrigation:	Average

Features & Benefits:
The A-Peel® Series consists of Lemon, Tangerine Slice and Orange.
This annual vine, will give you color all summer long, extremely heat tolerant.
Use as a spiller in baskets and combinations
Use as a thriller (if grown on a trellis or support) in an upright combination.

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Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	200-250ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-80°F	
Holding Temp:	65-80°F	
Sales Window:	Spring, Summer	
Pinching:	Pinch 7-10 days after transplant. See grower tips.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> Great for use in landscapes and containers. If grown in a hanging basket it will climb the chains. Given something to climb on in landscapes and upright containers, it will do so. The A-Peel® series prefers warmer production temperatures, avoid chilling. Do not use irrigation frequency to control plant size: Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt. These annual vines can be quite vigorous, so monitor basket and containers to keep twining stems from growing between containers. An additional 1 to 2 pinches may be needed for larger pot sizes. Scout for spider mite and white fly especially when crops are held for long periods before sale. Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth. B-Nine may be used at 1,500-2,500ppm 2 weeks after transplant. Bonzi is also effective. Check manufacturers labels for approved rates and usage recommendations.
NOTES:

A-PEEL® Tangerine Slice

Thunbergia alata



Landscape Info:	
USDA zone:	10-11
Mature height:	climbing
Exposure:	Sun
Irrigation:	Average

Features & Benefits:
The A-Peel® Series consists of Lemon, Tangerine Slice and Orange.
This annual vine, will give you color all summer long, extremely heat tolerant.
Use as a spiller in baskets and combinations
Use as a thriller (if grown on a trellis or support) in an upright combination.

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Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	200-250ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	70-80°F	
Holding Temp:	65-80°F	
Sales Window:	Spring, Summer	
Pinching:	Pinch 7-10 days after transplant. See grower tips.	
Vernalization:	NA	
Vigor Rating:	4	
Natural Day Flower:	Long Days for peak blooming	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> Great for use in landscapes and containers. If grown in a hanging basket it will climb the chains. Given something to climb on in landscapes and upright containers, it will do so. The A-Peel® series prefers warmer production temperatures, avoid chilling. Do not use irrigation frequency to control plant size: Drying out plant to wilt will cause leaf burn and leaf drop. Can be run a little dry but not to wilt. These annual vines can be quite vigorous, so monitor basket and containers to keep twining stems from growing between containers. An additional 1 to 2 pinches may be needed for larger pot sizes. Scout for spider mite and white fly especially when crops are held for long periods before sale. Treat with preventative broad spectrum fungicidal drench at 1-2 weeks after transplant. Good air circulation, control of humidity, and good sanitation practices are critical. Good water management practices are critical to healthy plant growth. B-Nine may be used at 1,500-2,500ppm 2 weeks after transplant. Bonzi is also effective. Check manufacturers labels for approved rates and usage recommendations.
NOTES:

SUPERBENA® Stormburst

Verbena hybrid



Landscape Info:	
USDA zone:	8-11
Mature height:	6-12"
Exposure:	Part to Full Sun
Irrigation:	Average

Features & Benefits:
Superbena® Stormburst habit and size is perfectly matched with Superbena Violet Ice.
Superbena® Verbenas are very vigorous with strong trailing habit.
They have very large flowers clusters and are outstanding in hanging baskets and upright containers.

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Cultural info:		
pH/EC:	5.8-6.2/ 0.6-0.9	
Fertilization:	150-200ppm	
Light Level:	High	
Watering:	Average	
Rooting Out Temp:	65-72°F	
Growing Temp:	65-72°F	
Holding Temp:	50-60°F	
Sales Window:	Spring, Summer, Fall	
Pinching:	Pinch at 1–2 weeks after transplant if needed.	
Vernalization:	NA	
Vigor Rating:	3	
Natural Day Flower:	Week 9-10	
Finish Size	Liner/Pot	Weeks to Finish
Grande™	1	5 to 7
Quart	1	6 to 8
Royale™	1-3	7 to 9
10" basket/container	3-5	10 to 12

Grower Tips:
<ul style="list-style-type: none"> • Great for use in both containers of all types and landscapes. • High light in production is essential. • Growth can be controlled using lower temperatures. • Low pH and severe dry down can cause iron toxicity if supplemental iron has been applied. • Sumagic at 5-10 ppm may be used to keep neighboring pots from growing into each other. Check manufacturers labels for approved rates and usage recommendations. • A routine preventative fungicidal spray program is encouraged. • Good air circulation, control of humidity, and good sanitation practices are critical. Good sanitation practices include keeping greenhouses clean at all times, eliminating weeds and debris, disinfecting equipment and greenhouses as often as possible, and keeping hose ends off the floor. • Good water management practices are critical to healthy plant growth. Avoid overhead watering late in the day.
NOTES: