

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Angelonia angustifolia	Halo Blue ^(PAT)	Annual	Blue	Spring and Summer	Heat and drought tolerant.	Full Sun.	5,000 to 9,000 ft. candles	1 ppp 4", pinched or multiple ppp 6"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist and do not allow to dry out.	75-100 ppm N	Day 68-70F. Night 62-65F.	Soft pinch two weeks after planting.	Cycocel and B-Nine are effective, Florel causes leaf tip burn.	Thrips, aphids and whiteflies. Fungus Gnats and Shore Flies, if growing media is kept too wet. Drench with broad-spectrum fungicide at liner planting.	Spike-producing bushy plant with improved branching and better growth habit than existing varieties. Flowers continuously until frost. Outstanding upright component in the landscape or containers and make great cut flowers. Also attractive to hummingbirds.
Angelonia angustifolia	Halo Compact Blue ^(PAT)	Annual	Blue	Spring and Summer	Heat and drought tolerant.	Full Sun.	5,000 to 9,000 ft. candles	1 ppp 4", pinched or multiple ppp 6"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist and do not allow to dry out.	75-100 ppm N	Day 68-70F. Night 62-65F.	Soft pinch two weeks after planting.	Cycocel and B-Nine are effective, Florel causes leaf tip burn.	Thrips, aphids and whiteflies. Fungus Gnats and Shore Flies, if growing media is kept too wet. Drench with broad-spectrum fungicide at liner planting.	Compact, spike-producing bushy plant with improved branching and better growth habit than existing varieties. Flowers continuously until frost. More compact than our other Halo varieties, making this perfect for smaller pot production.
Angelonia angustifolia	Halo Pink ^(PAT)	Annual	Pink	Spring and Summer	Heat and drought tolerant.	Full Sun.	5,000 to 9,000 ft. candles	1 ppp 4", pinched or multiple ppp 6"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist and do not allow to dry out.	75-100 ppm N	Day 68-70F. Night 62-65F.	Soft pinch two weeks after planting.	Cycocel and B-Nine are effective, Florel causes leaf tip burn.	Thrips, aphids and whiteflies. Fungus Gnats and Shore Flies, if growing media is kept too wet. Drench with broad-spectrum fungicide at liner planting.	Spike-producing bushy plant that flowers continuously until frost. Outstanding upright component in the landscape or containers and make great cut flowers. Also attractive to hummingbirds.
Angelonia angustifolia	Halo White ^(PAT)	Annual	White	Spring and Summer	Heat and drought tolerant.	Full Sun.	5,000 to 9,000 ft. candles	1 ppp 4", pinched or multiple ppp 6"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist and do not allow to dry out.	75-100 ppm N	Day 68-70F. Night 62-65F.	Soft pinch two weeks after planting.	Cycocel and B-Nine are effective, Florel causes leaf tip burn.	Thrips, aphids and whiteflies. Fungus Gnats and Shore Flies, if growing media is kept too wet. Drench with broad-spectrum fungicide at liner planting.	Spike-producing bushy plant that flowers continuously until frost. Outstanding upright component in the landscape or containers and make great cut flowers. Also attractive to hummingbirds.
Argyranthemum frutescens	Angelic Burgundy ^(PAT)	Annual	Burgundy	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant burgundy, single blooms with golden eyes, it is superb in garden borders, containers, rock gardens or mixed planters.
Argyranthemum frutescens	Angelic Dark Pink ^(PAT)	Annual	Dark Pink	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant semi-double blooms it is superb in garden borders, containers, rock gardens or mixed planters.
Argyranthemum frutescens	Angelic Pink ^(PAT)	Annual	Pink w/ bronze eye	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant double pink blooms it is superb in garden borders, containers, rock gardens or mixed planters.
Argyranthemum frutescens	Angelic Purple ^(PAT)	Annual	Purple	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant double blooms it is superb in garden borders, containers, rock gardens or mixed planters.
Argyranthemum frutescens	Angelic Snow ^(PAT)	Annual	Double white	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant double white blooms it is superb in garden borders, containers, rock gardens or mixed planters.
Argyranthemum frutescens	Butterfly (Yellow Grande) ^(PAT)	Annual	Vibrant Yellow	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant yellow blooms it is superb in garden borders, containers, rock gardens or mixed planters.
Argyranthemum frutescens	Neptune ^(PAT)	Annual	White	Spring and Summer	Excellent heat tolerance.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist but not soggy. Avoid wilting.	200-250 ppm N	Day 65-75F. Night 65F.	One soft pinch at liner planting.	Optional, Cycocel or B-Nine is effective.	Thrips, aphids and whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Exceptionally vigorous, strong and quick, Argyranthemum frutescens grows to form a flowering ball-shaped bush. With its abundant flowering of vibrant white blooms with yellow centers, it is superb in garden borders, containers, rock gardens or mixed planters.
Bidens	Goldmarie	Annual	Golden-Yellow	Spring and Summer	Tolerates temps from 28F-95F.	Full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3ppp #1 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer	Day 65-75F. Night 50-60F.	Two or more pinches, shear for shaping.	B-Nine, Florel, or Bonzi if needed.	Whiteflies; spray preventively. Drench with broad-spectrum fungicide at liner planting.	Yellow-gold blooms atop lacy green compact foliage. Continuous blooming, vigorous spreading habit. Great for containers and baskets.
Brachyscome multifida	Lavender	Annual	Lavender	Spring through Fall	Does best in cooler temperatures. Avoid extreme heat.	Full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep moist. During hot summer days water daily.	200-250 ppm N	Day 70-80F. Night 55-65F.	Pinch back at least once to encourage fullness.	B-Nine if needed.	Thrips and whiteflies; spray preventively. Avoid extreme heat, it can inhibit flowering.	Daisy-like lavender flowers on lacy green foliage with compact habit. Cool season annual. Perfect for baskets, pots, or mixed planters.
Calitunia	Purple ^(PAT)	Annual	Purple	March-Nov, peaking July-Sept.	Tolerant of extreme weather conditions and grows extremely well outdoors in moderate climates.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 10"	4-6 weeks for 4"; 6-8 weeks for 6"; 10-12 weeks for 10"	Maintain moderately moist soil.	Constant feed 200-300 ppm with complete water soluble fertilizer.	Day 65-75F. Night 55-60F.	Pinch once as soon as plants reach edge of growing container.	Florel instead of pinch; Sumagic or Bonzi for small pots.	Whiteflies, leafminers and budworms in some areas. Drench with broad-spectrum fungicide at liner planting.	A new, beautiful hybrid, a combination of Petunia and Calibrachoa. Exhibits all the advantages of both, the fantastic vigor and lush foliage of the petunia and the floriferous nature and flower fineness of the calibrachoa. Its trailing growth habit makes it ideal for hanging baskets, window boxes, pots and flowerbeds.
Campanula	Merrybells Blue ^(PAT)	Annual	Blue	Spring	Does best in cooler temperatures. Avoid extreme heat.	Full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep moist. During hot summer days water daily.	200-250 ppm N	Day 70-80F. Night 55-65F.	Pinch back at least once to encourage fullness.	B-Nine if needed.	Thrips and whiteflies; spray preventively. Avoid extreme heat, it can inhibit flowering.	This new Campanula hybrid bears masses of bright blue star-shaped flowers on compact, spreading plants throughout the spring and summer months. Ideal for use in hanging baskets, containers and window boxes, also makes a colorful addition to mixed hardy arrangements.

Genus	Variety	type	Bloom Color	Bloom Season	Tolerance	Light	foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Coleus blumei	Alabama	Annual	N/A	Late summer. (Shearing back flowers extends performance)		Partial shade.	3,500 to 5,000 ft. candles	1ppp 4"-6"; 2-3ppp 8"; 3-4ppp 10"-12"	8-9 weeks for 10"-12"; 6-8 weeks for 4"-6"	Moderate.	150-200 ppm constant liquid feed of a complete fertilizer.	Best @ warm temperatures, 65F minimum.	Pinch once at four to five weeks for best shape.	None	Mealy bugs	Alabama, known for its vibrant, colorful foliage is easy to grow with a 16"-18" upright habit. Wonderful accent plant in baskets, containers and landscapes.
Coleus blumei	Oxblood	Annual	N/A	Late summer. (Shearing back flowers extends performance)		Partial shade.	3,500 to 5,000 ft. candles	1ppp 4"-6"; 2-3ppp 8"; 3-4ppp 10"-12"	8-9 weeks for 10"-12"; 6-8 weeks for 4"-6"	Moderate.	150-200 ppm constant liquid feed of a complete fertilizer.	Best @ warm temperatures, 65F minimum.	Pinch once at four to five weeks for best shape.	None	Mealy bugs	Ox Blood, known for its wine red leaves is easy to grow with a 16"-18" upright habit. Great accent plant in baskets, containers and landscapes.
Cuphea hyssopifolia	Lavender	Annual	Lavender	All Summer. (Year-round in greenhouse.)	Heat and drought-tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8" 10"	6-8 weeks for 4"-6"; 8-10 weeks for 10"-12"	Moderate water, keep on the dry side but never allow to wilt.	200-250 ppm constant liquid feed with bal. Fertilizer.	75-80F. (60F. minimum)	Optional.	None required; B-Nine or Bonzi is effective.	Thrips, aphids and whiteflies. If grown in cool temperatures, susceptible to pythium. Drench with broad-spectrum fungicide at liner planting.	Plants with dense glossy leaves and lavender flowers are excellent in gardens, landscapes and containers.
Dahlia	Starsister Bronze (PAT)	Annual	Bronze	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and extremely vibrant flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Dark Rose (PAT)	Annual	Dark Rose	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and extremely vibrant flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Light Pink Picotee (PAT)	Annual	Pink and White	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and extremely vibrant flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Pink (PAT)	Annual	Pink	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and extremely vibrant flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Purple Picotee (PAT)	Annual	Purple and white	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and extremely vibrant flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Red & White (PAT)	Annual	Red and White	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and extremely vibrant red and white flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Rose & White (PAT)	Annual	Rose and White	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and large, unique rose and white flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Scarlet (PAT)	Annual	Scarlet	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and large, bright scarlet flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Scarlet & Yellow (PAT)	Annual	Scarlet and Yellow	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and large, bright scarlet and yellow flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister White (PAT)	Annual	White	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and large, white flowers that bloom all summer. Great for baskets, containers and beds.
Dahlia	Starsister Yellow (PAT)	Annual	Yellow	Spring and Summer	Does best in moderate temperatures. Avoid extreme heat.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp #1, 3ppp 10"-12"	6-8 weeks for 4"-6"; 10-14 weeks for #1 or 10"-12"	Moderate water, keep moist. During hot summer days water daily.	200-250 ppm constant liquid feed with bal. Fertilizer.	Day 65-75F. Night 50-60F.	Soft pinch one week after planting.	None required.	Aphids, thrips and whiteflies.	A fast growing plant with a compact habit and large, bright yellow flowers that bloom all summer. Great for baskets, containers and beds.

Genus	Variety	type	Bloom Color	Bloom Season	Tolerance	Light	foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Diascia	Genta Antique Red ^(PAT)	Annual	Salmon Red	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Apple Blossom ^(PAT)	Annual	Pale Pink	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Coral ^(PAT)	Annual	Coral	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Dark Coral ^(PAT)	Annual	Dark Coral	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Light Orange ^(PAT)	Annual	Lt. Orange	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Pink ^(PAT)	Annual	Pink	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Pink View ^(PAT)	Annual	Pink	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Salmon ^(PAT)	Annual	Salmon	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Diascia	Genta Soft Pink ^(PAT)	Annual	Lt. Pink	All year, peaks April through June.	Cold tolerant to 0 F; Heat tolerance 90-95F.	Full sun to part sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	14-16 weeks	Keep moist. Avoid frequent wetting of foliage.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-80F. Night 50-60F.	One pinch two weeks after liner planting.	Flore applied about two weeks after pinching enhances finish.	Aphids and whiteflies. Spray preventively.	Our summer-long bloomer is characterized by having large flowers, a branched, compact growth habit and elegant trailing foliage. Its superb array of delicate colors, make this plant wonderful for hanging baskets, mixed plantings or as a ground cover for rock gardens.
Evolvulus	Hawaiian Blue Eyes	Annual	Blue	Spring through Fall	Heat resistant	Full sun (some shade helpful).	5,000 to 9,000 ft. candles	1ppp 4", 1ppp 6", 2-3ppp #1, 4-5ppp 10"-12"	6-8 weeks for 4"-6"; 8-10 weeks for #1 or 10"-12"	Moderate water, keep on dry side. Over watering in early stages promotes root rot.	150-200 ppm N	Day 75-80F. Night 60-70F.	Two; one two weeks after liner planting; second 5 weeks later.	None required.	Watch for botrytis. Drench with broad-spectrum fungicide at liner planting.	This plant is fast-growing and a profuse bloomer with bright blue flowers and small glossy foliage. New flowers open daily. Great for containers or front border.
Fuchsia, trailing	Annabelle	Annual	White	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A perfect spring and summer bloomer with a traditional trailing fuchsia habit, double blooms and green foliage.
Fuchsia, trailing	Balkon Konigin	Annual	Red and Burgundy	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.				A perfect spring and summer bloomer with a traditional trailing fuchsia habit, large single blooms and green foliage.
Fuchsia, trailing	Bella Rosella	Annual	Lt. Pink and Purple	Year-round	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A perfect spring and summer bloomer with a traditional trailing fuchsia habit and beautiful, huge double blooms on green foliage.
Fuchsia, trailing	Blue Eyes	Annual	Red and Dp. Purple	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	With its trailing habit, Blue Eyes will bloom from spring through fall with pink sepals over blue double corollas.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Fuchsia, trailing	Dark Eyes	Annual	Red and Dp. Purple	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This semi-trailing, full double fuchsia has dark red sepals with a dark purple corolla and dark green foliage. This variety can also be grown as an upright with staking.
Fuchsia, trailing	Pink La Campanella	Annual	Pale pink and Fuchsia	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A perfect spring and summer bloomer with a traditional trailing fuchsia habit and very free flowering, small, semi-double blooms. Excellent for hanging baskets.
Fuchsia, trailing	Pink Marshmallow	Annual	Pale Pink, White and Pink	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A pale mix of white and pink double blooms make this a very soft colored fuchsia. A wonderful contrast to the many vivid colored fuchsia varieties.
Fuchsia, trailing	Southgate	Annual	Pale Pink	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	With a trailing habit, Southgate produces lovely single blooms with pale pink corollas and sepals that will bloom spring to fall.
Fuchsia, trailing	Swing Time	Annual	Pink and White	Spring-Summer	Does best in moderately cool temperatures.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A trailing habit with double flowers of clear red sepals and red veined white corollas make this variety striking when used in hanging baskets or window boxes.
Fuchsia, upright	Beacon	Annual	Pink and Violet	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This European upright will bloom early and grow beautifully in hotter conditions than most fuchsias. Single flowering with pink and violet blooms and green foliage, this fuchsia thrives in pots, planters, as well as in the ground.
Fuchsia, upright	Dollar Princess	Annual	Red and Dark Purple	Spring to Fall	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	With a semi-trailing habit, this variety produces lovely double flowers with royal purple corollas and red sepals that will bloom spring to fall.
Fuchsia, upright	Gartenmeister	Annual	Orange and Brt. Orange	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This European upright will bloom early and grow beautifully in hotter conditions than most fuchsias. Single flowering, with two-tone orange blooms and red foliage, this fuchsia thrives in pots, planters, as well as in the ground.
Fuchsia, upright	General Monk Red & Blue	Annual	Red and Dp. Purple	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This European upright will bloom early and grow beautifully in hotter conditions than most fuchsias. Double flowering blooms on compact, green foliage, will thrive in pots, planters, or in the ground.
Fuchsia, upright	General Monk Red & White	Annual	Red and White	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This European upright will bloom early and grow beautifully in hotter conditions than most fuchsias. Double flowering blooms on compact, green foliage, will thrive in pots, planters, or in the ground.
Fuchsia, upright	Henreite Ernst	Annual	Rose and Violet	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This European upright will bloom early and grow beautifully in hotter conditions than most fuchsias. Single flowering, with rose and violet blooms against green foliage, this fuchsia thrives in pots, planters, as well as in the ground.
Fuchsia, upright	Insulinde	Annual	Pale Orange and Brt. Orange	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A European upright fuchsia that performs better in hotter weather than most can tolerate. Insulinde has single, elongated, two-tone orange blooms set against striking bronze foliage.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Fuchsia, upright	Koralie	Annual	Pale Orange and Brt. Orange	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	A European upright fuchsia that performs better in hotter weather than most can tolerate. Koralie has vivid orange, single, elongated flowers set against purple-green foliage.
Fuchsia, upright	Puts Fully	Annual	Lt. Pink and Dk. Pink	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	With its compact, semi-trailing habit, this variety produces lovely single blooms of light and dark pink against green foliage that will bloom from spring to fall.
Fuchsia, upright	Tausendschon	Annual	Red and White w/ pink veins	Spring-Summer	Outstanding heat tolerance.	Part sun to part shade.	3,500 to 5,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	14-16 Weeks for 10"; 8-10 Weeks for 4"	Keep evenly moist, do not over water.	200ppm N constant feed	Day 70-75F. Night 45-50F.	One at liner planting; second, optional, 5-6 weeks later.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and mites; spray preventively prior to bloom. Botrytis in areas of poor air movement. Drench with broad-spectrum fungicides at liner planting.	This European upright will bloom early and grow beautifully in hotter conditions than most fuchsias. Double flowering red blooms with pink veined, white centers on green foliage, are wonderful in pots, planters, or in the ground.
Gaillardia	Galileo ^(PAT)	Annual	Yellow & burgundy	April - October	Tolerates heat extremes.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 10"	6-8 weeks for 4"; 9-12 weeks for 6"; 10-12 weeks for 10"	Best when kept on slightly dry side. Avoid wilting.	Constant feed 150-200 ppm with complete water soluble fertilizer.	Day 65-75F. Night 55-60F.	Two: First, one week after liner planting; second recommended for shaping.	None needed.	No major problems, general preventative measures are adequate.	Large beautiful flowers, on tidy compact foliage, that bloom all summer long in the garden.
Hedera helix (Ivy)	Baltic	Component	N/A	N/A	Cold hardy to -10 to -20F. Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Vigorous, trailing, evergreen, self-clinging vine with 3-5-lobed, glossy green leaves. Use as hardy groundcover or for climbing walls. Also wonderful accent in mixed or container plantings.
Hedera helix (Ivy)	California	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Vigorous, trailing, self-clinging vine with 3-5-lobed, glossy green leaves. Usually treated as a houseplant or for hanging baskets, also wonderful accent in mixed or container plantings.
Hedera helix (Ivy)	English	Component	N/A	N/A	Cold hardy to -10 to -20F. Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Vigorous, trailing, evergreen, self-clinging vine with 3-5-lobed, glossy green leaves. Use as hardy groundcover or for climbing walls. Also wonderful accent in mixed or container plantings.
Hedera helix (Ivy)	Glacier	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Fan-shaped, silvery green and cream ivy, a strong growing, trailing variety that is great for accents, baskets, containers, as a groundcover, or as a house plant.
Hedera helix (Ivy)	Gold Child	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Attractive leaves with creamy yellow margins and gray green centers. Three main lobes and two base lobes create the look of a five lobed ivy. Will cover a low wall in a short space of time. Also wonderful accent in mixed or container plantings.
Hedera helix (Ivy)	Green Ripple	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Vigorous, spreading, self-clinging vine with 3-5-lobed, glossy green leaves. Use as hardy groundcover or for climbing walls. Also wonderful accent in mixed or container plantings.
Hedera helix (Ivy)	Natasha	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Attractive teardrop/heart-shaped, glossy green leaves with conspicuously raised, lighter veins and reddish brown stems. Great for accents, baskets, containers, as a groundcover, or as a house plant.
Hedera helix (Ivy)	Ralf	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	Compact growing ivy, with rounded, 3-lobed, and occasionally 5-lobed, leaves that are light green. Wonderful accent for baskets and container, or alone, as a groundcover or house plant.
Hedera helix (Ivy)	Yellow Ripple	Component	N/A	N/A	Zone 5-9.	Full sun to part shade.	3,500 to 8,000 ft. candles.	1ppp 4", 1-3ppp 6" or Gallon	5-9 weeks for 4" to 6"/1Gl. Pot.	Keep evenly moist and well drained.	150-175 ppm N	Day 70-75F. Night 62-65F.	Not necessary.	None needed.	Scout for normal greenhouse pests. Drench with broad-spectrum fungicides at liner planting.	A slower growing, prostrate variety with zig-zag stems and medium to large, leaves. Each leaf has creamy yellow margins with a gray green center and 3-5 lobes, with each lobe drawn to a long tapered point. Wonderful alone or as an accent.
Helichrysum bracteatum	d' Oro (Yellow Strawflower)	Annual	Golden-Yellow	Early spring until frost.	Moderate drought tolerance	Full sun to part sun.	4,000 to 8,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep moist, but not consistently wet.	200-250 ppm N	Day 75-85F. Night 55-65F.	Pinch several times as needed.	B-Nine, Cycocel or Florel two weeks after first pinch.	Aphids, leafminers and whiteflies. Susceptible to crown and stem rot if grown in cool, damp conditions. Maintain good air movement. Drench with broad-spectrum fungicides at liner planting.	Exquisite yellow strawflower upon well-branched plants. Terrific in containers and baskets. This plant is a perennial in warmer climates.
Helichrysum bracteatum	Early Yellow Compact ^(PPAF)	Annual	Golden-yellow	Totally Day Neutral	Excellent Heat and Sun Tolerance	Full sun.	4,000 to 8,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep on dry side, avoid excessive wilting.	200-250 ppm N	Day 75-85F Night 55-65F	Pinch several times as needed.	B-Nine, Cycocel or Florel two weeks after first pinch.	Aphids, leafminers and whiteflies	Compact early blooming yellow strawflower upon well-branched plants. Terrific in containers and baskets. This plant is a perennial in warmer climates.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Helichrysum	Licorice Plant	Component	Non-flowering	N/A	Shade tolerant	Full sun.	4,000 to 8,000 ft. candles	Accent plant for planters or pots	12-14 weeks	Keep moist, but not consistently wet.	200-250 ppm N	Day 75-85F Night 55-65F	Pinch several times as needed.	Not normally needed.	Aphids, leafminers and whiteflies	Very popular accent plant for baskets, color bowls and window boxes. Semi-upright to trailing plants are very vigorous w/ silver-white leaves.
Helichrysum	White Beauty ^(PAT)	Annual	White	Early spring until frost.	Moderate drought tolerance.	Full sun to part sun.	4,000 to 8,000 ft. candles	1ppp 4", 1ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep moist, but not consistently wet.	200-250 ppm N	Day 75-85F. Night 55-65F.	Pinch several times as needed.	B-Nine, Cycocel or Florel two weeks after first pinch.	Aphids, leafminers and whiteflies. Susceptible to crown and stem rot if grown in cool, damp conditions. Maintain good air movement. Drench with broad-spectrum fungicides at liner planting.	Exquisite white strawflower upon well-branched plants. Terrific in containers and baskets.
Impatiens, double	Musica Bicolor Red ^(PAT)	Annual	Red and White	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Dark Pink ^(PAT)	Annual	Dark Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Dark Salmon ^(PAT)	Annual	Dark Salmon	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Orange Glow ^(PAT)	Annual	Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Pearl ^(PAT)	Annual	White	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Pink ^(PAT)	Annual	Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Pink Energy ^(PAT)	Annual	Dark Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Red ^(PAT)	Annual	Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica Ruby Red ^(PAT)	Annual	Ruby Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.
Impatiens, double	Musica White Blush ^(PAT)	Annual	White and pale-pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10'; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Full mounding, free-flowering, naturally self-branching plants produce vivid and intense double blooms atop rich green foliage. Good self cleaning (of blooms) habit.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Impatiens, Mini	Starlight Lavender ^(PAT)	Annual	Lavender	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10"; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	This is an exciting series of very small blossomed Impatiens. Tiny, heat-resistant lavender flowers completely cover the compact plants. Very unique item for pots and baskets, great border plant.
Impatiens, Mini	Starlight Pink ^(PAT)	Annual	Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10"; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	This is an exciting series of very small blossomed Impatiens. Tiny, heat-resistant pale pink flowers completely cover the compact plants. Very unique item for pots and baskets, great border plant.
Impatiens, Mini	Starlight Red ^(PAT)	Annual	Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10"; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	This is an exciting series of very small blossomed Impatiens. Tiny, heat-resistant red flowers completely cover the compact plants. Very unique item for pots and baskets, great border plant.
Impatiens, Mini	Starlight Violet ^(PAT)	Annual	Violet	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10"; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	This is an exciting series of very small blossomed Impatiens. Tiny, heat-resistant violet flowers completely cover the compact plants. Very unique item for pots and baskets, great border plant.
Impatiens, Mini	Starlight White ^(PAT)	Annual	White	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 3ppp 6"-8' 4-5ppp 10"	12-14 Weeks for 10"; 8 Weeks for 4"	Keep evenly moist, do not over water.	200-250 ppm N, OK to push.	Day 65-75F. Night 60-65F.	Not necessary.	None needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	This is an exciting series of very small blossomed Impatiens. Tiny, heat-resistant white flowers completely cover the compact plants. Very unique item for pots and baskets, great border plant.
Impatiens, New Guinea	Harmony® Bordeaux	Annual	Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Cherry Ice	Annual	Dark Pink-White Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Coral Flame	Annual	Orange-Scarlet	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Corallina	Annual	Salmon-Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Dark Lavender	Annual	Dark Lavender	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Dark Lilac	Annual	Dark Lilac	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Dark Purple	Annual	Dark Purple	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Impatiens, New Guinea	Harmony® Dark Red	Annual	Dark Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Dark Violet	Annual	Dark Violet	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Fuchsia	Annual	Fuchsia	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Grape	Annual	Dark Purple	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Lavender	Annual	Lavender	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Light Coral	Annual	Lt. Salmon-Coral	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Light Orchid	Annual	Lt. Orchid-Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Light Pink	Annual	Lt. Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Magenta	Annual	Magenta	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Magnolia	Annual	Salmon-White Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Orange	Annual	Bright Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Orange Blaze	Annual	Bright Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Impatiens, New Guinea	Harmony® Orange Cream	Annual	Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Orange Splash	Annual	Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Pastel Rose	Annual	Lt. Rose	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Peach	Annual	Peach	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Pink	Annual	Pink	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Pink Cream	Annual	Lilac-Pink Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Pink Smile	Annual	Pink Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Purple	Annual	Purple	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Purple Crown	Annual	Purple bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Purple Eye	Annual	Purple-White Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Raspberry Cream	Annual	Dark Pink-White Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Red	Annual	Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Impatiens, New Guinea	Harmony® Red Glow	Annual	Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Royal Red	Annual	Dark Cherry-Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Salmon	Annual	Salmon	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Scarlet	Annual	Scarlet	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Spicy Peach	Annual	Salmon-Peach Bicolor	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® Violet	Annual	Violet	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Harmony® White	Annual	White	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Large, brilliant, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Carmine ^(PAT)	Annual	Red	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Magenta ^(PAT)	Annual	Magenta	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Orange ^(PAT)	Annual	Orange	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Pink Dot ^(PAT)	Annual	Pink w/ red eye	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Purple ^(PAT)	Annual	Purple	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.

Genus	Variety	Type	Bloom Color	Bloom Season	Tolerance	Light	Foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Impatiens, New Guinea	Supergoal Salmon ^(PAT)	Annual	Salmon	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Violet ^(PAT)	Annual	Violet	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Vivid Magenta ^(PAT)	Annual	Vivid Magenta	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal Vivid Purple ^(PAT)	Annual	Vivid Purple	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Impatiens, New Guinea	Supergoal White ^(PAT)	Annual	White	Mid-spring / mid-fall.	Temperature sensitive to excessive heat and extreme cold.	Part sun to full shade.	3,000 to 4,500 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep evenly moist, do not over water.	150-200 ppm constant liquid feed & watch EC < 1.5	Day 75-78F. Night 65-68F.	Not necessary.	Not recommended or needed.	Thrip and spider mites. Maintain moderate humidity levels, but good air movement. Drench with broad-spectrum fungicide at liner planting.	Bright, vivid, large, round blooms atop uniform, compact to medium plants. Their uniform habit makes them a very unique item for pots and baskets. Also a great border plant.
Ipomoea batatas	Blackie	Component	N/A	N/A	Cold tolerance 35-40F; Heat tolerance 100-110F.	Full sun to light shade.	4,000 to 8,000 ft. candles	1ppp 6", 3ppp 10"	8-10 weeks for 10"; 6-8 weeks for 6"	Keep consistently moist.	200 ppm N constant liquid feed.	Day 75-80F. Night 55-65F.	One pinch two weeks after liner planting.	None needed.	Aphids and whiteflies. Drench with broad-spectrum fungicide at liner planting.	Large, 4 to 7 inch, blackish-purple leaves on fast-growing plants with a vigorous, trailing habit. Outstanding cascading effect over walls and slopes. Excellent for baskets and containers.
Ipomoea	Lime	Component	N/A	N/A	Cold tolerance 35-40F; Heat tolerance 100-110F.	Full sun to light shade.	4,000 to 8,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	12-14 weeks	Keep consistently moist.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 75-80F. Night 55-65F.	One pinch two weeks after liner planting.	None needed.	Aphids and whiteflies. Drench with broad-spectrum fungicide at liner planting.	Lime is a classic sweet potato vine with lime green foliage that thrives in the heat and mixes beautifully with a variety of plants.
Jamesbrittania	Britney Maroon ^(PAT)	Annual	Dark red and yellow	Spring through late Fall.	Tolerant to a wide range of temperatures.	Full sun to part shade.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Britney Maroon produces an abundance of yellow centered, dark red flowers, which rise gracefully above the foliage. The characteristics of the plant are branched, ball-shaped and broad with dark green, deeply lobed leaves. A superb choice for hanging baskets, window boxes, pots, flower beds and mixed containers.
Lamium maculatum	Golden Anniversary ^(PAT)	Annual	Purple/Mauve	Spring-Summer	Tolerates some sun with plenty of water.	Part to full shade.	4,000 to 8,000 ft. candles	1ppp 4"-6", 3ppp 8"-10"	10-12 weeks	Keep evenly moist, do not overwater.	200-250 ppm N	Day 65-70F. Night 55-65F.	One pinch two weeks after liner planting.	Not normally needed.	Whiteflies. Drench with broad-spectrum fungicide at liner planting.	This exceptional variety has yellow and green variegated foliage and a very tight, self-branching habit. The purple flowers appear in spring and last into summer, but the foliage is the true beauty of this plant.
Lamium maculatum	White Nancy	Annual	White	May through June	Tolerates some sun with plenty of water.	Part to full shade.	4,000 to 8,000 ft. candles	1ppp 4"-6", 3ppp 8"-10"	10-12 weeks	Keep evenly moist, do not overwater.	200-250 ppm N	Day 65-70F. Night 55-65F.	One pinch two weeks after liner planting.	Not normally needed.	Whiteflies. Drench with broad-spectrum fungicide at liner planting.	White blooms on silvery white foliage, rimmed in green with a low-growing, spreading habit. An excellent accent plant for mixed containers or groundcover. A hardy perennial item.
Lantana camara	Confetti	Annual	Yellow/pink/red multicolor	Late Spring/Early Sum. and Late Sum./Early Fall	Heat, wind and drought tolerant. Deer tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"-12"	10-12 weeks	Keep evenly moist and do not allow to dry out. Do not overwater.	Constant liquid feed 100-200 ppm complete fertilizer .	Day 70-75F. Night 60-65F.	Soft pinch when roots are established; again in 4-6 weeks to encourage branching.	None needed.	Whiteflies and chewing insects.	A summer bloomer with small, rounded clusters of bright multi-colored flowers on hardy, trailing foliage. Excellent for baskets, containers, beds, or borders.
Lantana camara	Dallas Red	Annual	Red/orange/bright yellow	Late Spring/Early Sum. and Late Sum./Early Fall	Heat, wind and drought tolerant. Deer tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"-12"	10-12 weeks	Keep evenly moist and do not allow to dry out. Do not overwater.	Constant liquid feed 100-200 ppm complete fertilizer .	Day 70-75F. Night 60-65F.	Soft pinch when roots are established; again in 4-6 weeks to encourage branching.	None needed.	Whiteflies and chewing insects.	A hummingbirds delight with small, rounded clusters of flowers in bright multi-colors atop hardy, trailing foliage. Excellent for baskets, containers, beds, or borders.
Lantana x hybrida	New Gold	Annual	Golden-yellow	Late Spring/Early Sum. and Late Sum./Early Fall	Heat, wind and drought tolerant. Deer tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"-12"	10-12 weeks	Keep evenly moist and do not allow to dry out. Do not overwater.	Constant liquid feed 100-200 ppm complete fertilizer .	Day 70-75F. Night 60-65F.	Soft pinch when roots are established; again in 4-6 weeks to encourage branching.	None needed.	Whiteflies and chewing insects.	A drought tolerant, heat loving, low maintenance annual with a wealth of golden yellow blooms. Excellent for baskets, containers, beds, or borders. Also deer tolerant.
Lantana hybrid	Silver Mound	Annual	Cream w/Gold eye	Late Spring/Early Sum./Early Fall	Heat, wind and drought tolerant. Deer tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"-12"	10-12 weeks	Keep evenly moist and do not allow to dry out. Do not overwater.	Constant liquid feed 100-200 ppm complete fertilizer .	Day 70-75F. Night 60-65F.	Soft pinch when roots are established; again in 4-6 weeks to encourage branching.	None needed.	Whiteflies and chewing insects.	Small, rounded clusters of verbena-like flowers in a classic cream color with a golden eye grace the fragrant, trailing foliage. Excellent for baskets, containers, beds, or borders.

Genus	Variety	type	Bloom Color	Bloom Season	Tolerance	Light	foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Lantana montevidensis	Trailing Lavender	Annual	Pale purple	Late Spring/Early Sum. and Late Sum./Early Fall	Heat, wind and drought tolerant. Deer tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"-12"	10-12 weeks	Keep evenly moist and do not allow to dry out. Do not overwater.	Constant liquid feed 100-200 ppm complete fertilizer .	Day 70-75F. Night 60-65F.	Soft pinch when roots are established; again in 4-6 weeks to encourage branching.	None needed.	Whiteflies and chewing insects.	A drought tolerant, heat loving, low maintenance annual with a spreading habit and lavender blooms. Excellent for baskets, containers, beds, or borders. Also deer tolerant.
Lantana	Trailing White	Annual	White	Late Spring/Early Sum. and Late Sum./Early Fall	Heat, wind and drought tolerant. Deer tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"-12"	10-12 weeks	Keep evenly moist and do not allow to dry out. Do not overwater.	Constant liquid feed 100-200 ppm complete fertilizer .	Day 70-75F. Night 60-65F.	Soft pinch when roots are established; again in 4-6 weeks to encourage branching.	None needed.	Whiteflies and chewing insects.	A drought tolerant, heat loving, low maintenance annual with a spreading habit and white blooms. Excellent for baskets, containers, beds, or borders. Also deer tolerant.
Lobelia	Big Blue ^(PAT)	Annual	Blue	Spring through Fall	Semi-shade and light frost tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4", 3ppp 6"-8", 4-5ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep moist, do not allow to dry out.	200-250 ppm N	Day 62-68F. Night 45-50F.	One soft pinch two weeks after planting.	Not normally needed.	Aphids and whiteflies; spray preventively. Susceptible to pythium. Drench with broad-spectrum fungicide at liner planting.	Vigorous, trailing, dark green foliage with tiny deep blue flowers. Exceptionally sturdy and heat tolerant. Excellent for baskets, containers or borders.
Lobelia	Pixie Blue ^(PAT) (Compact for small pots)	Annual	Blue	Spring through Fall	Semi-shade and light frost tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4", 3ppp 6"-8", 4-5ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep moist, do not allow to dry out.	200-250 ppm N	Day 62-68F. Night 45-50F.	One soft pinch two weeks after planting.	Not normally needed.	Aphids and whiteflies; spray preventively. Susceptible to pythium. Drench with broad-spectrum fungicide at liner planting.	Extremely compact lobelia with tiny dark blue flowers and a growth habit perfect for small pots or borders.
Lobelia	True Blue ^(PAT)	Annual	Blue	Spring through Fall	Semi-shade and light frost tolerant.	Full sun.	6,000 to 9,000 ft. candles	1ppp 4", 3ppp 6"-8", 4-5ppp 10"	10-12 weeks for 10"; 6-8 weeks for 4"	Keep moist, do not allow to dry out.	200-250 ppm N	Day 62-68F. Night 45-50F.	One soft pinch two weeks after planting.	Not normally needed.	Aphids and whiteflies; spray preventively. Susceptible to pythium. Drench with broad-spectrum fungicide at liner planting.	Vigorous, trailing, dark green foliage with tiny deep blue flowers. More compact with a larger leaf and more flowers than other varieties. Excellent for baskets, containers or borders.
Nemesia	Confetti Blue ^(PAT)	Annual	Blue	Spring through Fall	Cold tolerance: 15F. Heat tolerance 90-95F. Tolerant of frost and dry conditions once established.	Full sun in cooler temps-Part sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	6-7 weeks for 4"-6"; 12-14 weeks for 8"-10"	Keep evenly moist and well drained. Avoid wilting.	Constant feed: 200-250 ppm N	Day 60-65F. Night 50-55F.	One soft pinch at liner planting.	None needed.	Aphids and whiteflies. Avoid soggy, wet soil. Maintain good air movement. Drench with broad-spectrum fungicide at liner planting.	Compact mounding habit with attractive, bright green foliage that will bloom from summer through fall. Flowers are lightly scented making them a wonderful addition to any mixed planting, garden border, or even alone in containers.
Nemesia	Confetti Bright Pink ^(PAT)	Annual	Bright Pink	Spring through Fall	Cold tolerance: 15F. Heat tolerance 90-95F. Tolerant of frost and dry conditions once established.	Full sun in cooler temps-Part sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	6-7 weeks for 4"-6"; 12-14 weeks for 8"-10"	Keep evenly moist and well drained. Avoid wilting.	Constant feed: 200-250 ppm N	Day 60-65F. Night 50-55F.	One soft pinch at liner planting.	None needed.	Aphids and whiteflies. Avoid soggy, wet soil. Maintain good air movement. Drench with broad-spectrum fungicide at liner planting.	Compact mounding habit with attractive, bright green foliage that will bloom from summer through fall. Flowers are lightly scented making them a wonderful addition to any mixed planting, garden border, or even alone in containers.
Nemesia	Confetti Rose ^(PAT)	Annual	Rose	Spring through Fall	Cold tolerance: 15F. Heat tolerance 90-95F. Tolerant of frost and dry conditions once established.	Full sun in cooler temps-Part sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	6-7 weeks for 4"-6"; 12-14 weeks for 8"-10"	Keep evenly moist and well drained. Avoid wilting.	Constant feed: 200-250 ppm N	Day 60-65F. Night 50-55F.	One soft pinch at liner planting.	None needed.	Aphids and whiteflies. Avoid soggy, wet soil. Maintain good air movement. Drench with broad-spectrum fungicide at liner planting.	Compact mounding habit with attractive, bright green foliage that will bloom from summer through fall. Flowers are lightly scented making them a wonderful addition to any mixed planting, garden border, or even alone in containers.
Nemesia	Confetti Violet ^(PAT)	Annual	Violet	Spring through Fall	Cold tolerance: 15F. Heat tolerance 90-95F. Tolerant of frost and dry conditions once established.	Full sun in cooler temps-Part sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	6-7 weeks for 4"-6"; 12-14 weeks for 8"-10"	Keep evenly moist and well drained. Avoid wilting.	Constant feed: 200-250 ppm N	Day 60-65F. Night 50-55F.	One soft pinch at liner planting.	None needed.	Aphids and whiteflies. Avoid soggy, wet soil. Maintain good air movement. Drench with broad-spectrum fungicide at liner planting.	Compact mounding habit with attractive, bright green foliage that will bloom from summer through fall. Flowers are lightly scented making them a wonderful addition to any mixed planting, garden border, or even alone in containers.
Osteospermum	Astra Cream ^(PAT)	Annual	Cream	Blooms year-round.	Cold tolerance 28-30F; Heat tolerance 85-90F.	Very high, full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	12-14 weeks	Keep moist. Do not allow to wilt.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-75F Night 45-55F	Two: First pinch two weeks after liner planting; second five weeks later.	Cycocel or B-Nine are effective in height control.	Whiteflies, thrips and leafminers.	These wonderfully compact, lush flowering varieties are early bloomers and more resistant to bad weather conditions. These continuous bloomers, with their medium sized, single blooms, are perfect for production in containers or small pots.
Osteospermum	Astra Pink Spoon ^(PAT)	Annual	Pink	Blooms year-round.	Cold tolerance 28-30F; Heat tolerance 85-90F.	Very high, full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	12-14 weeks	Keep moist. Do not allow to wilt.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-75F Night 45-55F	Two: First pinch two weeks after liner planting; second five weeks later.	Cycocel or B-Nine are effective in height control.	Whiteflies, thrips and leafminers.	These wonderfully compact, lush flowering varieties are early bloomers and more resistant to bad weather conditions. These continuous bloomers, with their medium sized, single blooms, are perfect for production in containers or small pots.
Osteospermum	Astra Rose ^(PAT)	Annual	Rose	Blooms year-round.	Cold tolerance 28-30F; Heat tolerance 85-90F.	Very high, full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	12-14 weeks	Keep moist. Do not allow to wilt.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-75F Night 45-55F	Two: First pinch two weeks after liner planting; second five weeks later.	Cycocel or B-Nine are effective in height control.	Whiteflies, thrips and leafminers.	These wonderfully compact, lush flowering varieties are early bloomers and more resistant to bad weather conditions. These continuous bloomers, with their medium sized, single blooms, are perfect for production in containers or small pots.
Osteospermum	Astra Violet ^(PAT)	Annual	Violet	Blooms year-round.	Cold tolerance 28-30F; Heat tolerance 85-90F.	Very high, full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	12-14 weeks	Keep moist. Do not allow to wilt.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-75F Night 45-55F	Two: First pinch two weeks after liner planting; second five weeks later.	Cycocel or B-Nine are effective in height control.	Whiteflies, thrips and leafminers.	These wonderfully compact, lush flowering varieties are early bloomers and more resistant to bad weather conditions. These continuous bloomers, with their medium sized, single blooms, are perfect for production in containers or small pots.
Osteospermum	Astra White ^(PAT)	Annual	White	Blooms year-round.	Cold tolerance 28-30F; Heat tolerance 85-90F.	Very high, full sun.	6,000 to 10,000 ft. candles	1ppp 4"-6", 3-4ppp 8-10"	12-14 weeks	Keep moist. Do not allow to wilt.	Constant feed: 200-250ppm N, 65-75ppm P, 125-165ppm K.	Day 65-75F Night 45-55F	Two: First pinch two weeks after liner planting; second five weeks later.	Cycocel or B-Nine are effective in height control.	Whiteflies, thrips and leafminers.	These wonderfully compact, lush flowering varieties are early bloomers and more resistant to bad weather conditions. These continuous bloomers, with their medium sized, single blooms, are perfect for production in containers or small pots.

Genus	Variety	type	Bloom Color	Bloom Season	Tolerance	Light	foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Plectranthus coleoides	Variegata	Annual	N/A	N/A	Cold tolerant to 28F; Heat tolerance 95-100F.	Full sun.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 8-10"; 6-7 weeks for 4-6"	Keep moist.	200-250 ppm N	Day 70-80F. Night 50-55F.	One soft pinch two weeks after planting.	None needed.	Watch for whiteflies. Drench with broad-spectrum fungicides at liner planting.	Select, old favorite as an accent plant for baskets or pots. Branching-trailing habit is ideal for combination baskets and containers. Hardy, easy to grow plant.
Sanvitalia	Ariba ^(PAT)	Annual	Yellow	Spring through Fall	Heat and sun tolerant	Part sun to partial shade.	3,000 to 4,500 ft. candles	1ppp 4"-6", 3ppp 8", 4ppp 10"	12-14 weeks for 10", 8-10 weeks for 4"-6"	Do not over water, keep on dry side.	200-250 ppm N	Day 75-85F Night 55-65F	Pinch at least twice, w/ possible third if needed.	Experiment with B-Nine and Bonzi.	Scout for normal greenhouse pests.	Floriferous grower with dainty blooms atop semi-trailing foliage. Non-patented single flowering Sanvitalia
Sanvitalia	Sunny Orange ^(PAT)	Annual	Orange	Spring through Fall	Heat and sun tolerant	Part sun to partial shade.	3,000 to 4,500 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10", 8-10 weeks for 4"-6"	Do not over water, keep on dry side.	200-250 ppm N	Day 75-85F Night 55-65F	Pinch at least twice, w/ possible third if needed.	Experiment with B-Nine and Bonzi.	Scout for normal greenhouse pests.	Floriferous grower with dainty blooms atop semi-trailing foliage. Non-patented single flowering Sanvitalia
Scaevola	Blue Ice ^(PAT)	Annual	Lavender/blue	Year-round	Cold tolerant to 28F; Heat tolerance 90-95F.	Full sun to part shade.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep consistently moist.	200-300 ppm N constant liquid feed.	Day 75-85F. Night 65-70F.	One soft pinch two weeks after planting.	None needed.	Leafminers, thrips and whiteflies. Avoid chemicals which burn flowers if in bloom. Drench with broad-spectrum fungicides at liner planting.	Elegant and floriferous low spreading ground cover with fan-shaped flowers on stems that are mounded in a cascading form. Its unique trailing habit with its long arching, green stems make this an excellent choice for baskets, window boxes, mixed planters, rockeries and borders.
Scaevola	Mini Soft Blue ^(PAT)	Annual	Blue	Year-round	Cold tolerant to 28F; Heat tolerance 90-95F.	Full sun to part shade.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep consistently moist.	200-300 ppm N constant liquid feed.	Day 75-85F. Night 65-70F.	One soft pinch two weeks after planting.	None needed.	Leafminers, thrips and whiteflies. Avoid chemicals which burn flowers if in bloom. Drench with broad-spectrum fungicides at liner planting.	Elegant and floriferous low spreading ground cover with fan-shaped flowers on stems that are mounded in a cascading form. Its unique trailing habit with its long arching, green stems make this an excellent choice for baskets, window boxes, mixed planters, rockeries and borders.
Scaevola	Oro Blue	Annual	Blue	Year-round	Cold tolerant to 28F; Heat tolerance 90-95F.	Full sun to part shade.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep consistently moist.	200-300 ppm N constant liquid feed.	Day 75-85F. Night 65-70F.	One soft pinch two weeks after planting.	None needed.	Leafminers, thrips and whiteflies. Avoid chemicals which burn flowers if in bloom. Drench with broad-spectrum fungicides at liner planting.	Oro Blue' sports vigorous, trailing dark green stems that are covered with numerous blue fan flowers. Grows well in summer heat. Excellent for baskets, beds and window boxes.
Scaevola	White ^(PAT)	Annual	White	Year-round	Cold tolerant to 28F; Heat tolerance 90-95F.	Full sun to part shade.	5,000 to 9,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 8-10 weeks for 4"	Keep consistently moist.	200-300 ppm N constant liquid feed.	Day 75-85F. Night 65-70F.	One soft pinch two weeks after planting.	None needed.	Leafminers, thrips and whiteflies. Avoid chemicals which burn flowers if in bloom. Drench with broad-spectrum fungicides at liner planting.	Elegant and floriferous low spreading ground cover with fan-shaped flowers on stems that are mounded in a cascading form. Its unique trailing habit with its long arching, green stems make this an excellent choice for baskets, window boxes, mixed planters, rockeries and borders.
Snapdragon	Snapa Bicolor Pink ^(PAT)	Annual	Pink and White	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats. Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapa Dark Magenta ^(PAT)	Annual	Dk. Magenta	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats. Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapa Gold ^(PAT)	Annual	Golden-yellow	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats. Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapa Lemon ^(PAT)	Annual	Lemon-yellow	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats. Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapa Magenta ^(PAT)	Annual	Magenta	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats. Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapa Pink ^(PAT)	Annual	Pink	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats. Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.

Genus	Variety	type	Bloom Color	Bloom Season	Tolerance	Light	foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Snapdragon	Snapa Rustic Red ^(PAT)	Annual	Red and pink	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapa White ^(PAT)	Annual	White	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with an 'open mouth' flower shape that will bloom in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Antique Pink ^(PAT)	Annual	Lavender Pink	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Bordeaux ^(PAT)	Annual	Deep Red	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Dark Pink ^(PAT)	Annual	Brt. Pink	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Pink ^(PAT)	Annual	Pink	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Rustic Orange ^(PAT)	Annual	Orange	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Sweet Yellow ^(PAT)	Annual	Lt. Yellow	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium Tricolor ^(PAT)	Annual	Yellow, cream and orange	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Snapdragon	Snapium White ^(PAT)	Annual	White	Year-round under most conditions		Moderate to high light.	4,000 to 7,000 ft. candles	1ppp 4", 2-3ppp 6", 3-5ppp 10-12"	9-12 weeks for 10-12"; 7-10 weeks for 6"; 6-8 weeks for 4"	Moderately wet, never saturated. Allow to dry between watering.	200 ppm N balanced fertilizer.	Day 65-75F. Night 50-55F.	Pinch once as soon as plants are well-rooted.	Not required under most conditions.	Thrips, spider mites, aphids, fungus gnats, Botrytis(gray mold), Thielaviopsis, Pythium, Rhizoctonia, Downy Mildew, Powdery Mildew.	Elegant trailing snapdragon series with a 'closed mouth' flower shape that blooms in a number of fascinating flushes throughout the year. Growth habit is between bushy and trailing, making them suitable for gardens, pots and hanging baskets.
Sutera, Bacopa	Copia Dark Pink ^(PAT)	Annual	Pink	Spring through late Fall.	Disease and heat resistant.	Full sun to part shade.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Early and abundant flowering, a compact-trailing growth habit and a tolerance to heat all strongly characterize our Copia varieties. They thrive in full sunlight as well as partial shade, making them perfect for hanging baskets, window boxes, mixed containers and flowerbeds.
Sutera, Bacopa	Copia Great Blue ^(PAT)	Annual	Blue	Spring through late Fall.	Disease and heat resistant.	Full sun to part shade.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Early and abundant flowering, a compact-trailing growth habit and a tolerance to heat all strongly characterize our Copia varieties. They thrive in full sunlight as well as partial shade, making them perfect for hanging baskets, window boxes, mixed containers and flowerbeds.

Genus	Variety	type	Bloom Color	Bloom Season	Tolerance	Light	foot-candle	PPP	Finish Time	Water	Fertilizer	Temperature	Pinch	Growth-regulator	Pests	Description
Sutera, Bacopa	Copia Great White Imp. ^(PAT)	Annual	White	Spring through late Fall.	Disease and heat resistant.	Full sun to part shade.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Early and abundant flowering, a compact-trailing growth habit and a tolerance to heat all strongly characterize our Copia varieties. They thrive in full sunlight as well as partial shade, making them perfect for hanging baskets, window boxes, mixed containers and flowerbeds.
Sutera, Bacopa	Copia Great Pink Shades ^(PAT)	Annual	Pink w/ eye	Spring through late Fall.	Disease and heat resistant.	Full sun to part shade.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Early and abundant flowering, a compact-trailing growth habit and a tolerance to heat all strongly characterize our Copia varieties. They thrive in full sunlight as well as partial shade, making them perfect for hanging baskets, window boxes, mixed containers and flowerbeds.
Sutera, Bacopa	Copia Gulliver Lavender ^(PAT)	Annual	Blue	Spring through late Fall.	Tolerant of warm or cool temperatures.	Part shade to part sun.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Early and abundant flowering, a compact-trailing growth habit and a tolerance to heat all strongly characterize our Copia varieties. They thrive in full sunlight as well as partial shade, making them perfect for hanging baskets, window boxes, mixed containers and flowerbeds.
Sutera, Bacopa	Copia Gulliver White ^(PAT)	Annual	White	Spring through late Fall.	Tolerant of warm or cool temperatures.	Part shade to part sun.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Early and abundant flowering, a compact-trailing growth habit and a tolerance to heat all strongly characterize our Copia varieties. They thrive in full sun or partial shade, making them perfect for hanging baskets, window boxes, mixed pots and beds.
Sutera, Bacopa	Mega White ^(PAT)	Annual	White	Spring through late Fall.	Tolerant of warm or cool temperatures.	Part shade to part sun.	3,500 to 8,000 ft. candles	1ppp 4", 1-2ppp 6", 3ppp 8", 3-4ppp 10"	12-14 weeks for 10"; 6-8 weeks for 4"	Keep moist.	200-250 ppm N	Day 65-75F. Night 50-60F.	One soft pinch at liner planting.	None needed.	Whiteflies; insecticidal soaps can cause foliage burn. Drench with fungicide registered for pythium at liner planting.	Compact, fast growing, bushy, and extremely heavy blooming with a trailing habit. Use in containers, hanging baskets and window boxes.
Verbena x hybrida	Homestead Purple	Annual	Velvety purple	Spring to Fall, early to flower.	Drought and heat tolerant. Cold tolerant to -20F.	Full sun.	4,000 to 10,000 ft. candles	1ppp 4"-6", 3ppp 8", 3-5ppp 10"	8 to 10 weeks	Moderate, do not over water.	100-200 ppm N constant liquid feed.	Day 70-80F. Night 60-65F.	Pinch when roots are established to encourage branching.	None required; B-Nine or Florel is effective.	Whiteflies, aphids and thrips; spray preventively. Drench with broad-spectrum fungicides at liner planting.	Vibrant clusters of rich purple blooms atop vigorous spreading, coarse lobed leaves make these plants a great choice for baskets, containers or groundcovers.
Vinca major	High Color	Component	Blue	Spring	Good heat tolerance.	Full sun to shade.	4,000 to 8,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	10-12 weeks for 8-10"; 5-6 weeks for 4-6"	Keep evenly moist, but not consistently wet.	200-250 ppm N	Day 65-80F. Night 55-65F.	Optional.	None needed.	Scout for normal greenhouse pests. General preventative measures are usually adequate. Drench with broad-spectrum fungicides at liner planting.	Excellent annual vinca vine with extra variegation. Use as an accent plant with colors or other variegated foliage in baskets, pots or containers.
Vinca major	Variegata (Vinca Vine)	Component	Pale Lavender	Spring	Good heat tolerance.	Full sun to shade.	4,000 to 8,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	10-12 weeks for 8-10"; 5-6 weeks for 4-6"	Keep evenly moist, but not consistently wet.	200-250 ppm N	Day 65-75F. Night 50-55F.	Optional.	None needed.	Scout for normal greenhouse pests. General preventative measures are usually adequate. Drench with broad-spectrum fungicides at liner planting.	Standard variegated vinca vine. In the landscape, this plant grows and establishes quickly. Great accent plant with colors or other variegated foliage in baskets, pots or containers.
Vinca major	WoJo's Jem ^(PAT)	Component	Blue	Spring	Good heat tolerance.	Full sun to part sun.	4,000 to 8,000 ft. candles	1ppp 4"-6", 3-4ppp 8"-10"	10-12 weeks for 8-10"; 5-6 weeks for 4-6"	Keep evenly moist, but not consistently wet.	200-250 ppm N	Day 65-80F. Night 55-65F.	Optional.	None needed.	Scout for normal greenhouse pests. General preventative measures are usually adequate. Drench with broad-spectrum fungicides at liner planting.	Very unique variegated foliage makes this a must have for combination baskets or groundcover. In the landscape, this plant grows and establishes quickly.