

Including NEW XXL combos with premium annuals and perennials and combos with ornamental peppers





Find all the program details at

panamseed.com/PlugandPlay

Talk to your preferred supplier today to order seed and plugs for all the Plug & Play® Combo varieties.

630 231-1400 or 800 231-7065

GROW YOUR BEST COMBOS FROM SEED-RAISED PLUGS!

Every Plug & Play seed combo is tested over and over to prove that it delivers unstoppable performance from bench to store to garden. Trialing in saleable sizes begins in our research greenhouses and in our outdoor Summer containers. But we don't stop there - every potential introduction heads out to commercial greenhouses and to gardens for real-life testing. It's only when our customers give the combos they've seen in action two thumbs up that they move into the lineup.

GOOD FOR GROWERS: EASY, ECONOMICAL PRODUCTION

- Superior, high-impact genetics plus recipe and culture support.
- Programmable finish times to hit store set dates.
- You're always in complete control of when to sow, grow and ship.

GOOD FOR RETAILERS: BIG RETAIL SHOWS = BIG SALES

- Ready-to-use designer blends.
- On-trend colors that sell.
- The perfect magnet for repeat shoppers!

GOOD FOR CONSUMERS: CHOICES FOR SPRING, SUMMER & FALL

- Easy, grab 'n go gardens appeal to today's shopper.
- Lots of instant, long-lasting, multicolor blooms.
- Balanced, attractive combos to enhance every décor.

MORE TO CHOOSE, MORE TO SELL, MORE TO LOVE!

⚠ COOL WAVE® PLUG & PLAY COMBOS

Colorful, cold-hardy choices for Spring and Fall from the fastest-growing, longest-lasting, truly trailing pansy in cool-season baskets and pots.

WAVE® PLUG & PLAY COMBOS

Grow good-looking, well-balanced, all-Wave mixes in one pot. They're easy to make and easier to sell with recognized Wave branding.

PLUG & PLAY COMBOS
WITH VEGETABLES & HERBS

The perfect solution for small-space gardens, these tasteful, attractive combos mix vegetables and flowers.

16 PLUG & PLAY COMBOS WITH ANNUALS

Dramatic good looks and dependable performance meet or beat their vegetative counterparts.

22 NEW PLUG & PLAY COMBOS WITH ORNAMENTAL PEPPERS

These easy-to-produce recipes feature ornamental peppers for bright color on the patio in Summer and Fall.

NEW PLUG & PLAY XXL COMBOS

Proven, programmable combos featuring firstyear-flowering, mid-season varieties mixed with premium annuals for elegant and textured containers that are perfect for Summer and Fall sales.

Planning and purchasing just got easier - you'll find all the Plug & Play Combos in the handy Seasonal Selection Guide on p 28.





EARLY SPRING

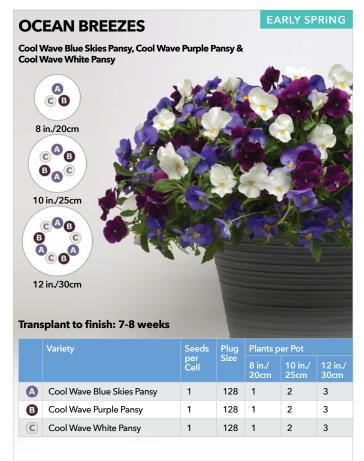
With bright colors and early season flowering, these combos featuring Cool Wave pansies are the first in stores to attract shopper attention.



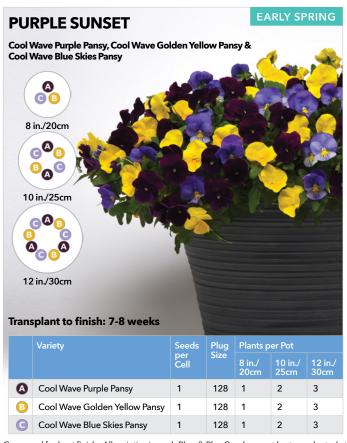
Order now from your

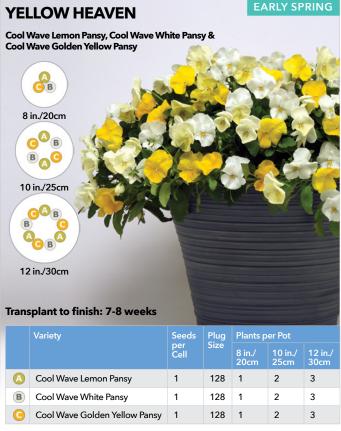


EARLY SPRING / COOL WAVE PLUG & PLAY COMBOS







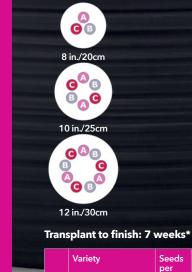


Grow cool for best finish. All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. Sow dates may vary. NOTE: Individual varieties sold separately.



SPRING

These beautiful, balanced combos feature Wave petunias, the most-asked-for flower brand! They're perfect for main-season programs and supported by Wave marketing and merchandising.

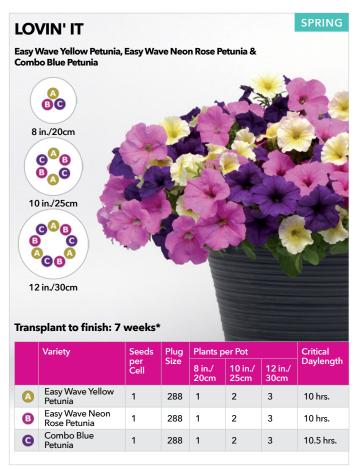


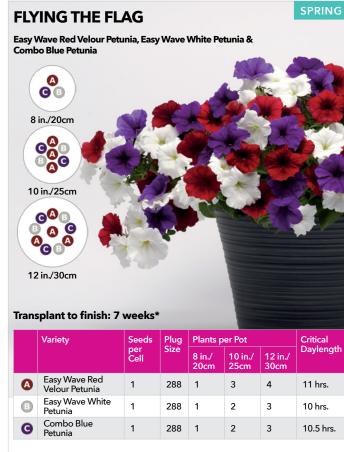
SUBTLE PERFECTION

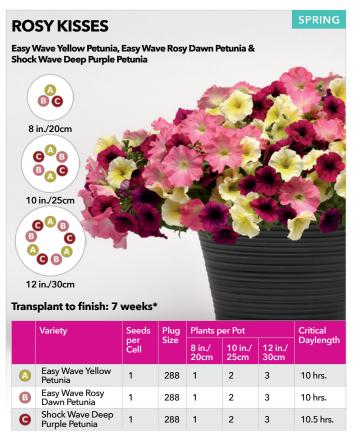
Easy Wave* Pink Passion Petunia, Easy Wave Silver Petunia & Shock Wave* Deep Purple Petunia

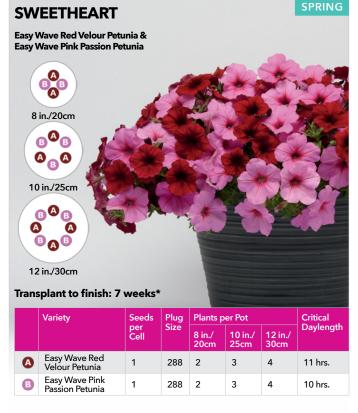
	Variety Seeds per Cell Plug		Plug	Plants per Pot			Critical
		Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength	
A	Easy Wave Pink Passion Petunia	1	288	1	2	3	10 hrs.
В	Easy Wave Silver Petunia	1	288	1	2	3	10 hrs.
0	Shock Wave Deep Purple Petunia	1	288	1	2	3	10.5 hrs.



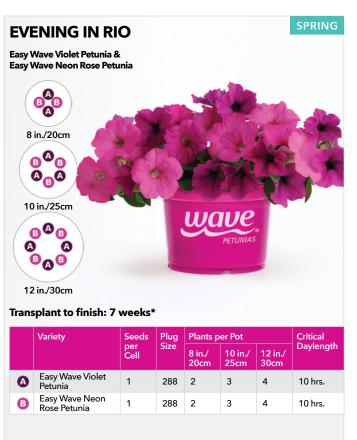


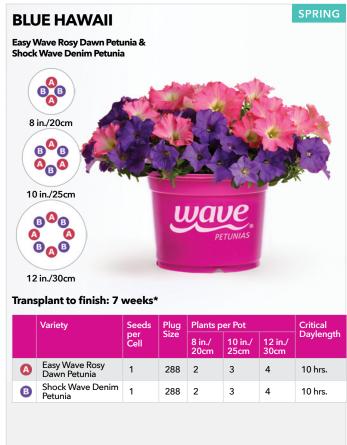


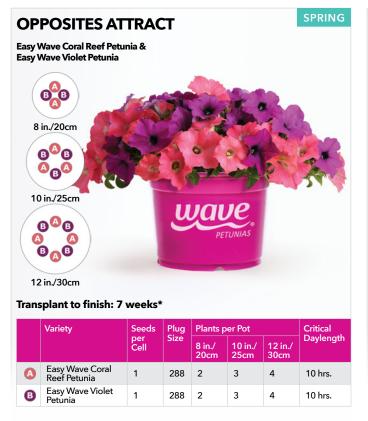




^{*}Timing assumes the use of daylength extension or lighted plugs where needed, and active growing temperatures. All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. Sow dates may vary. NOTE: Individual varieties sold separately.

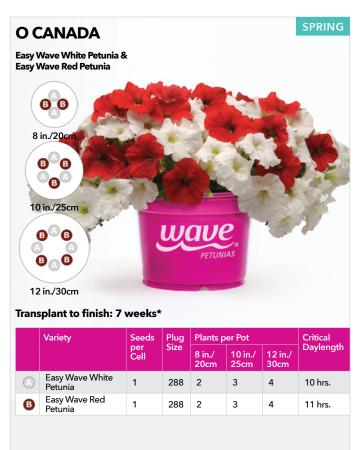


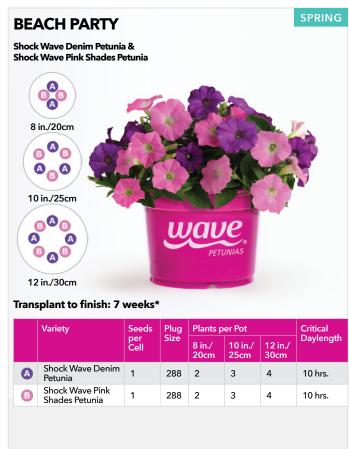


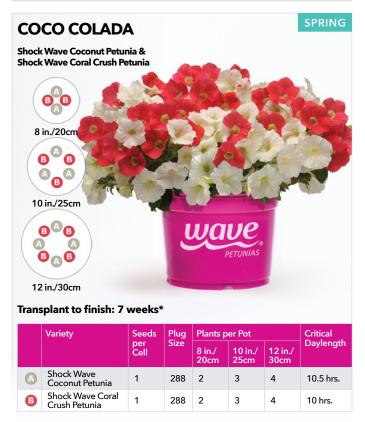


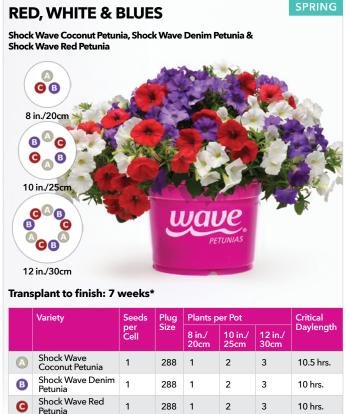


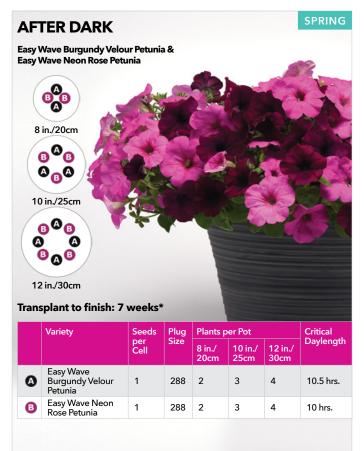
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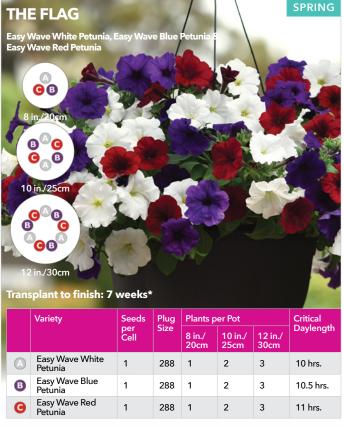




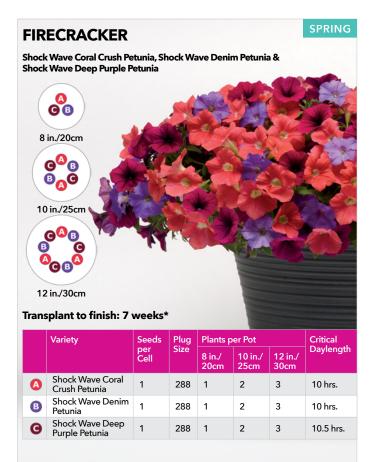






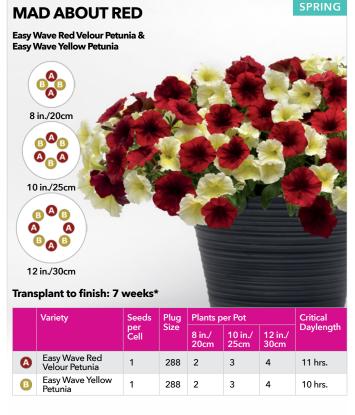


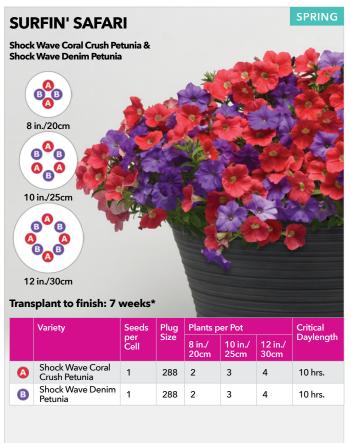
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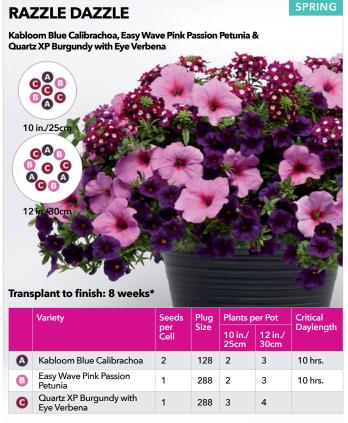




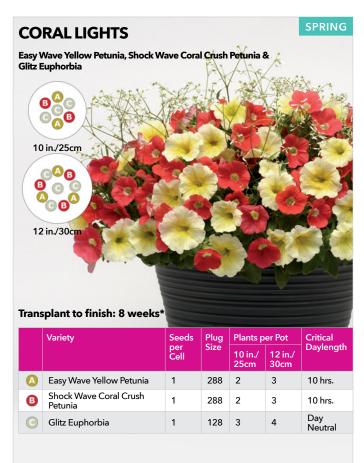




Shear Calibrachoa plug

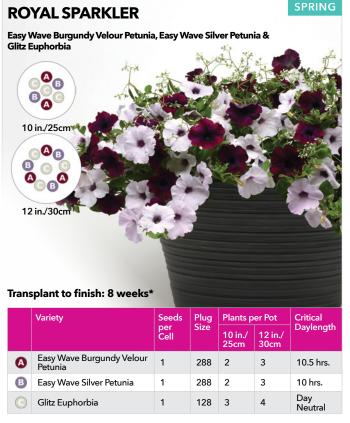


Shear Calibrachoa plug.









^{*}Timing assumes the use of daylength extension or lighted plugs where needed, and active growing temperatures.

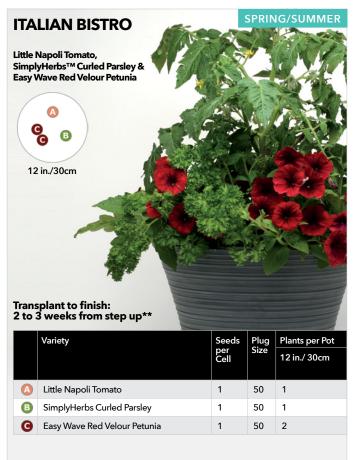
All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. Sow dates may vary.

NOTE: Individual varieties sold separately.

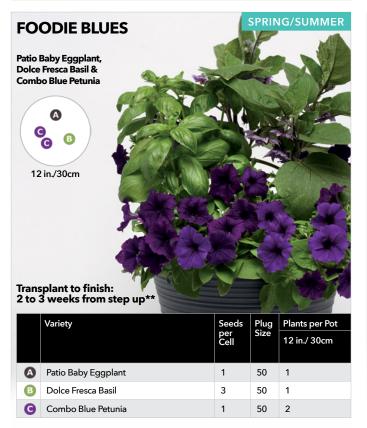


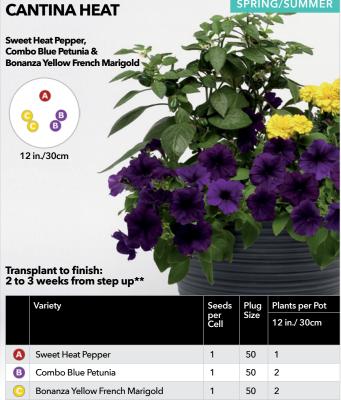












^{**}Timing assumes correct daylength and active growing temperatures; finish for late Spring/Summer.

All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. Sow times will vary.

NOTE: Individual varieties sold separately.

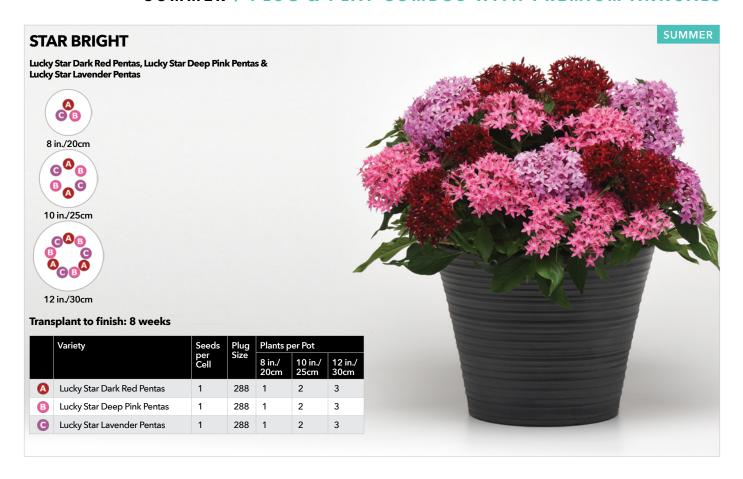
SPRING/SUMMER

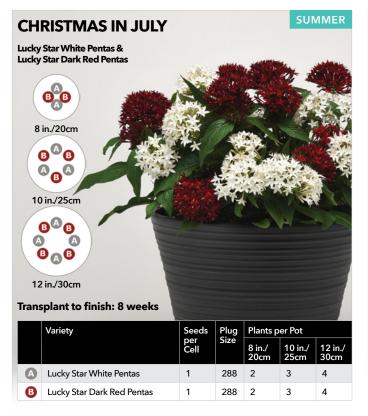


These combos, featuring popular and unique seed items like heat-loving Lucky Star® pentas, tough vincas and drought-tolerant Serena® and Serenita® angelonia, make a big statement at retail and on home patios.



Seaside Delight

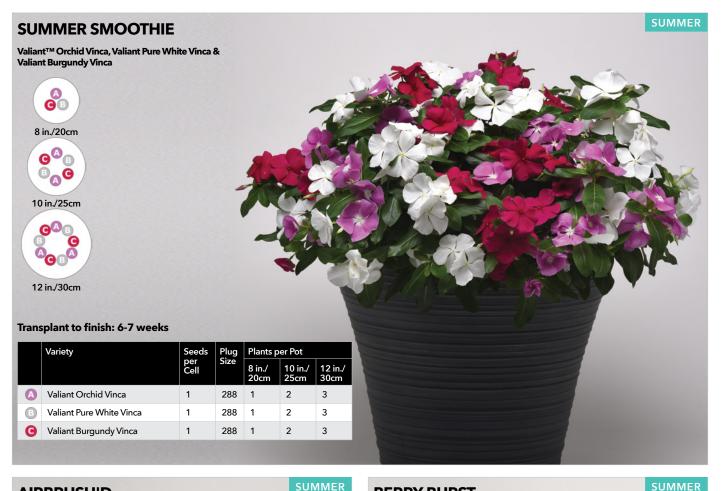


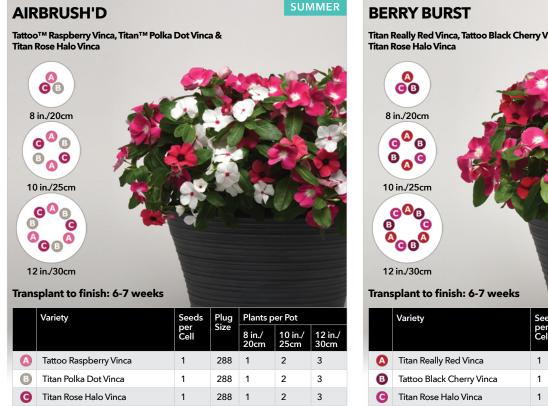




All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. Sow dates may vary. NOTE: Individual varieties sold separately.

SUMMER



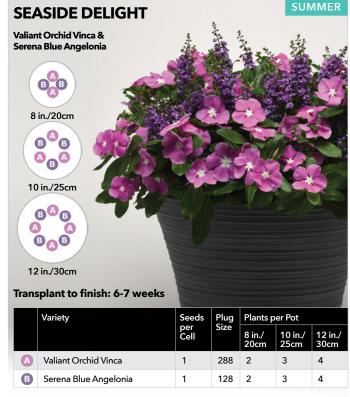


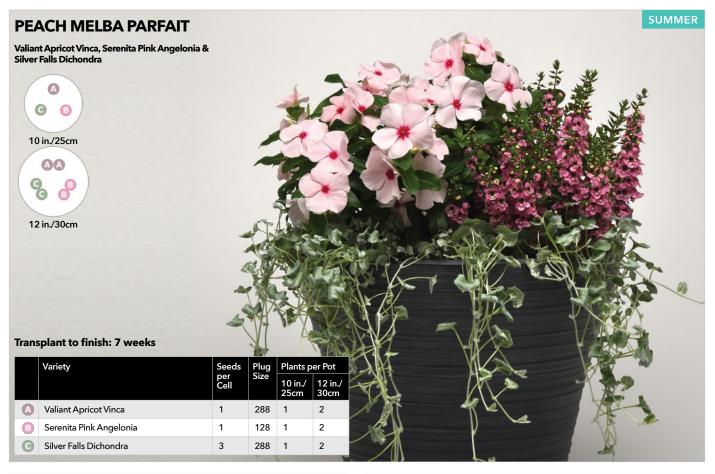


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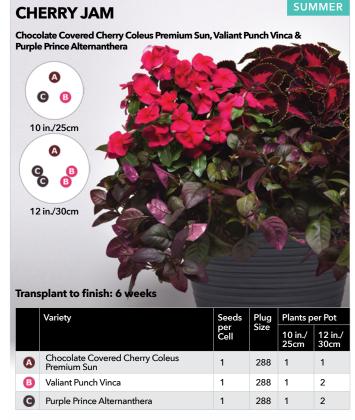












Treat Alternanthera plugs with 0.5 ppm paclobutrazol drench 1 week before transplant.

All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. Sow dates may vary. NOTE: Individual varieties sold separately.





YELLOW TAMBOURINE Serena Blue Angelonia, Zahara Yellow Zinnia **Purple Flash Ornamental Pepper** A 10 in./25cm 12 in./30cm **Transplant to finish: 7 weeks** Variety Seeds Plug Plants per Pot 12 in./ 30cm 10 in./ Serena Blue Angelonia 128 2 1 Zahara Yellow Zinnia 288 2 1 1 Purple Flash Ornamental Pepper 105

Treat Alternanthera plugs with 0.5 ppm paclobutrazol drench 1 week before transplant.



NEW FOR 2020!

Three bright, new ornamental pepper combos promise huge Summer through Fall sales. These premium container combos love the heat and sun, and they deliver color and interest from their early fruiting stage through Fall.



Transplant to finish: 12 weeks in season; requires heat and light for best finish.

Blaze Ornamental Pepper & Hot Pops Purple Ornamental Pepper

12 in./30cm

	Variety	Seeds	Plug	Plants per Pot	
		per Cell	Size	10 in./ 25cm	12 in./ 30cm
A	Blaze Ornamental Pepper	1	288	2	3
₿	Hot Pops Purple Ornamental Pepper	1	288	2	3

SUMMER/FALL / PLUG & PLAY COMBOS WITH ORNAMENTAL PEPPERS

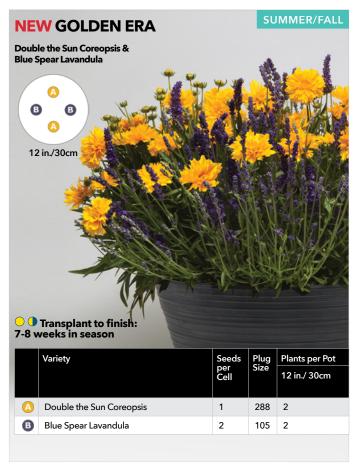




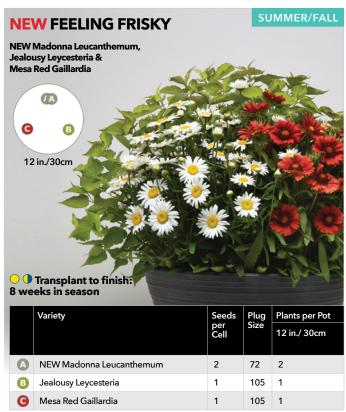
All varieties in each Plug & Play Combo must be transplanted at the same time in order to finish at the same time. NOTE: Individual varieties sold separately.

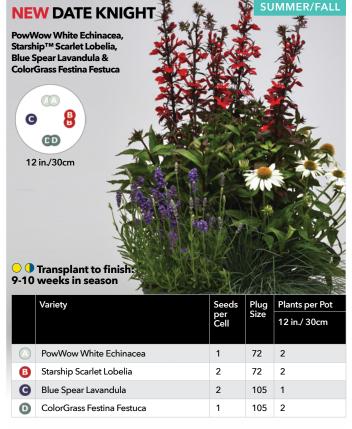


SUMMER/FALL / PLUG & PLAY XXL COMBOS



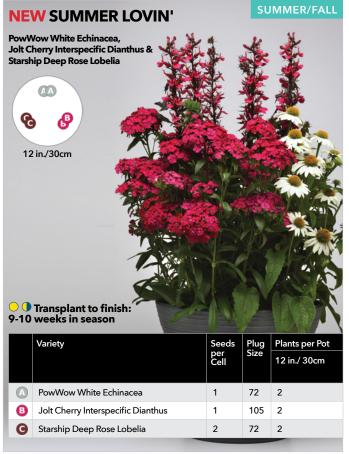




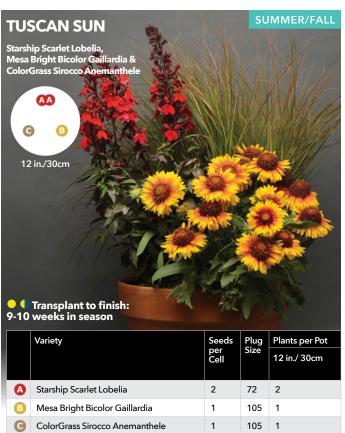


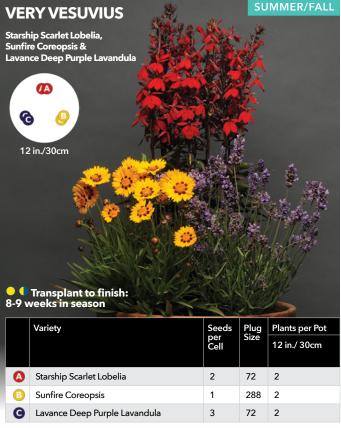
Timing assumes correct daylength in plug and finish, and active growing conditions. Please check individual component variety information in our Product Information Guide. All varieties in each Plug & Play Combo must be transplanted at the same time to finish at the same time. Sow times will vary. NOTE: Individual varieties sold separately.

SUMMER/FALL / PLUG & PLAY XXL COMBOS









Timing assumes correct daylength in plug and finish, and active growing conditions. Please check individual component variety information in our Product Information Guide. All varieties in each Plug & Play Combo must be transplanted at the same time to finish at the same time. Sow times will vary. NOTE: Individual varieties sold separately.

*Rates are based on trials in the northern U.S.

START OUT RIGHT!

The first step in defining the Plug & Play combination pot starts on the planting line. Follow the recipes and planting diagrams for best success. Plug size, number and planting position are key.

PLUG SIZE: Every Plug & Play recipe takes each ingredient's growth rate and flower timing into consideration. Larger inputs are used when necessary to obtain the best balance of growth and flowering.

PLUG NUMBER: It is important to use the right ratio of inputs, just as with vegetative intermingled combos. The correct number of plugs per component leads to the best balanced combination finish. Note that there is an additional input needed in the center of the pot in some mixes in this collection.

PLUG POSITIONING: Plant your plugs halfway between the middle of the pot and the rim. A tight circle of plugs is key to getting the intermingled look desired in a multi-plant combination. Planting at the rim results in a "clumpy," less intermingled look. All varieties in each Plug & Play Combo are transplanted at the same time in order to finish at the same time. Sow times may vary.

NOTE: In multi-species combos, shear Kabloom Calibrachoa plugs before transplanting.

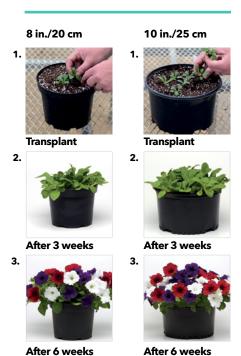
EASY DOES IT!

Next up is PGR application, specifically for multi-species combinations.

We recommend the following for the best-toned and fully mixed multi-species combination finish.

PGRS*: Daminozide spray at 2,500 to 5,000 ppm (depending on your conditions) 1 week after transplant, followed by a second daminozide spray 7 to 10 days later. Daminozide will allow the axils to expand, versus a paclobutrazol treatment, which can lock up axillary branching. The result is controlled growth early, while still allowing good branching for the combination's development.

When plants grow to the rim and begin to fill the pot, switch to a repeated low-rate paclobutrazol drench at 1 to 2 ppm (depending on your conditions). Go easy - too high a rate for the paclobutrazol drench can stop the non-petunia components and lead to a bad mix result.



PLUG & PLAY COMBOS / SEASONAL SELECTION GUIDE

COMBO NAME	PAGE	COMBO TYPE	SEASON
Ocean Breezes	5	Cool Wave Plug & Play Combo	Early Spring
On a Clear Day	5	Cool Wave Plug & Play Combo	Early Spring
Purple Sunset	5	Cool Wave Plug & Play Combo	Early Spring
Yellow Heaven	5	Cool Wave Plug & Play Combo	Early Spring
After Dark	10	Wave Plug & Play Combo	Spring
			. •
Beach Party	9	Wave Plug & Play Combo	Spring
Blue Hawaii	8	Wave Plug & Play Combo	Spring
Coco Colada	9	Wave Plug & Play Combo	Spring
Coral Lights	13	Wave Plug & Play Combo	Spring
Dusk to Dawn	10	Wave Plug & Play Combo	Spring
Evening in Rio	8	Wave Plug & Play Combo	Spring
Fire N Nice	13	Wave Plug & Play Combo	Spring
Firecracker	11	Wave Plug & Play Combo	Spring
Fly Me to the Moon	12	Wave Plug & Play Combo	Spring
Flying the Flag	7	Wave Plug & Play Combo	Spring
	12		
Lemon Dream		Wave Plug & Play Combo	Spring
Lovin' It	7	Wave Plug & Play Combo	Spring
Mad About Red	11	Wave Plug & Play Combo	Spring
O Canada	9	Wave Plug & Play Combo	Spring
Opposites Attract	8	Wave Plug & Play Combo	Spring
Puttin' on the Pink	13	Wave Plug & Play Combo	Spring
Razzle Dazzle	12	Wave Plug & Play Combo	Spring
Red, White & Blues	9	Wave Plug & Play Combo	Spring
Rosy Kisses	7	Wave Plug & Play Combo	Spring
Royal Passion	10	Wave Plug & Play Combo	Spring
Royal Sparkler	13	Wave Plug & Play Combo	Spring
	11		
Seeing Stars		Wave Plug & Play Combo	Spring
Subtle Perfection	6	Wave Plug & Play Combo	Spring
Surfin' Safari	12	Wave Plug & Play Combo	Spring
Sweetheart	7	Wave Plug & Play Combo	Spring
The Flag	10	Wave Plug & Play Combo	Spring
Twinkle Twinkle	8	Wave Plug & Play Combo	Spring
Very Valentine	11	Wave Plug & Play Combo	Spring
Poppin' in the Sun	21	Plug & Play Combo with Premium Annuals	Spring
Cantina Heat	15	Plug & Play Combo with Vegetables and Herbs	Spring/Summer
Foodie Blues	15	Plug & Play Combo with Vegetables and Herbs	Spring/Summer
Italian Bistro	15	Plug & Play Combo with Vegetables and Herbs	Spring/Summer
Lunch Date	15	Plug & Play Combo with Vegetables and Herbs	Spring/Summer
Airbrush'd	18	Plug & Play Combo with Premium Annuals	Summer
Berry Burst	18	Plug & Play Combo with Premium Annuals	Summer
Berry Sparkler	20	Plug & Play Combo with Premium Annuals	Summer
Cherry Jam	20	Plug & Play Combo with Premium Annuals	Summer
Christmas in July	17	Plug & Play Combo with Premium Annuals	Summer
Ink'd	19	Plug & Play Combo with Premium Annuals	Summer
Peach Melba Parfait	20	Plug & Play Combo with Premium Annuals	Summer
Seaside Delight	19	Plug & Play Combo with Premium Annuals	Summer
Shining Stars	17	Plug & Play Combo with Premium Annuals	Summer
Star Bright	17	Plug & Play Combo with Premium Annuals	Summer
Summer Candy	19	Plug & Play Combo with Premium Annuals	Summer
Summer Smoothie	18	Plug & Play Combo with Premium Annuals	Summer
Sun Jewels	21	Plug & Play Combo with Premium Annuals	Summer
Yellow Tambourine	21	Plug & Play Combo with Premium Annuals	Summer
NEW Color Carnival	23	Plug & Play Combo with Ornamental Peppers	Summer/Fall
NEW Firelighter	22	Plug & Play Combo with Ornamental Peppers	Summer/Fall
NEW Hocus Pocus	23	Plug & Play Combo with Ornamental Peppers	Summer/Fall
NEW Date Knight	25	Plug & Play XXL Combo	Summer/Fall
NEW Feeling Frisky	25	Plug & Play XXL Combo	Summer/Fall
NEW Golden Era	25		Summer/Fall
		Plug & Play XXL Combo	
NEW Pink Pursuit	24	Plug & Play XXL Combo	Summer/Fall
NEW Summer Lovin'	26	Plug & Play XXL Combo	Summer/Fall
NEW Sun Sea and Rosé	25	Plug & Play XXL Combo	Summer/Fall
Paris in Springtime	26	Plug & Play XXL Combo	Summer/Fall
T C	26	Plug & Play XXL Combo	Summer/Fall
Tuscan Sun	20	Tiag at lay for combo	Juli III Civi ali



Explore the full line of Fuseables® Combos for Spring & Summer!



Your Instant Garden

0700

622 Town Road, West Chicago, IL



PREMIUM COMBOS FROM EFFICIENT SINGLE-PELLET INPUTS

Our patented seed technology delivers amazing results every time in single and multi-species choices. It ensures that all varieties are present in each Precision Multi-Pellet a minimum of 90% of the time. One pellet into one plug into one 6 to 8-in. (15 to 20-cm) pot, and you're good to go!



Revolutionary Fuseables Precision Multi-Pellets...



flow right through your seeder...



transform into "easy-sow, easy-grow" plugs...



to grow great-looking, balanced combos that sell!

RELIABLE PRODUCTION, RELIABLE RESULTS!

COOL WAVE® FUSEABLES

Pump up cool-season sales with the bestperforming spreading pansy for Spring and Fall, starring in 2 outstanding combos that you start with our Precision Multi-Pellets.

A PREMIUM ANNUAL FUSEABLES

Our proven single-input Fuseables get a bright boost of color from premium annuals like Kabloom™ calibrachoa and Dreams™ petunias. Easy and efficient growing with premium results!

Q WAVE® FUSEABLES

Packs a double punch - beautiful, balanced combos featuring the most-asked-for flower brand! They're perfect for main-season programs and supported by Wave marketing and merchandising.



Planning and purchasing just got easier - you'll find all the Fuseables combos in the handy Seasonal Selection Guide on p 12.

Visit panamseed.com for current Terms & Conditions of Sale.

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EARLY SPRING

It's early and they're craving color. Offer more consistent and better-looking mixes for the cool seasons with the ease of Precision Multi-Pellets and the cold hardiness of Cool Wave pansies.



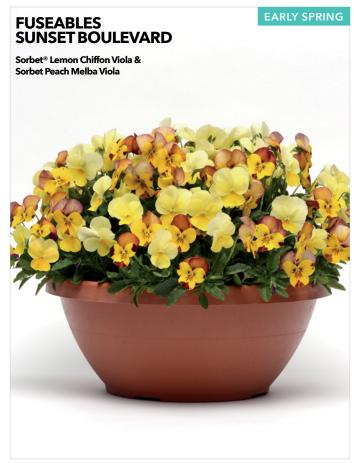
preferred distributor

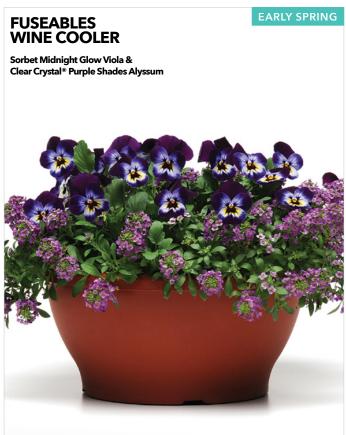


COOL WAVE FUSEABLES SUNNY SKIES

Cool Wave Blue Skies Pansy & Cool Wave Golden Yellow Pansy









Grow all these Early Spring Combos cool for best finish.



Enjoy the efficiency and ease of singlepellet inputs with premium results for colorful Spring containers.



Order now from your

SPRING

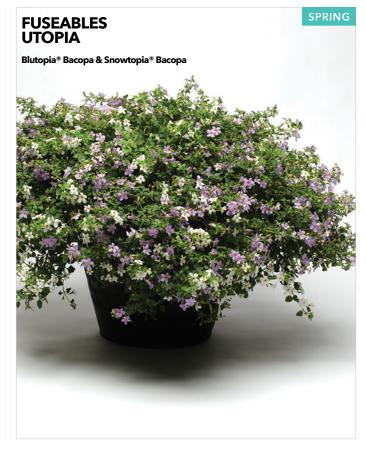
FUSEABLES PARADISE ISLAND

Kabloom™ Yellow Calibrachoa, Kabloom Denim Calibrachoa & rose calibrachoa (not available separately).

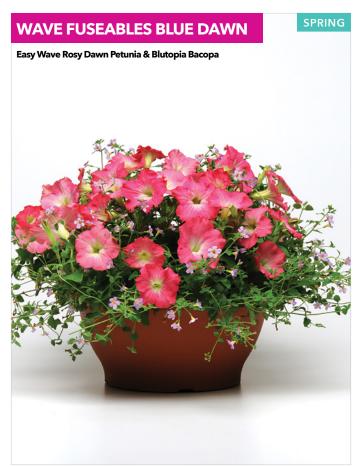






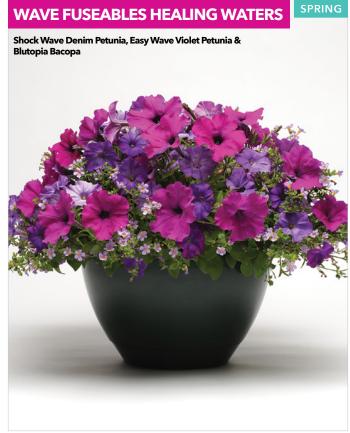






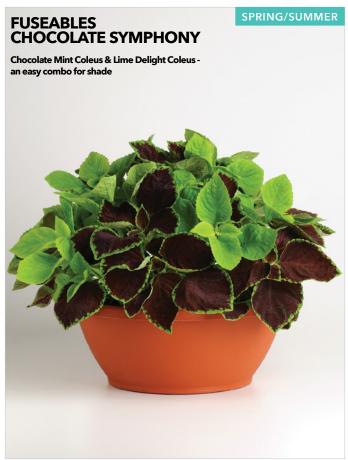








Order now from your preferred distributor







FUSEABLES TWISTED DART

Blue Dart Juncus & Juncus effusus spiralis (curly juncus) NOTE: Supplied as original Fuseables clay multi-pellets.

FUSEABLES / SEASONAL SELECTION GUIDE

COMBO NAME	PAGE	СОМВО ТҮРЕ	SEASON
Flower Date (Pansy)	5	Cool Wave Fuseables	Early Spring
Sunny Skies (Pansy)	4	Cool Wave Fuseables	Early Spring
Sunglow (Viola)	5	Fuseables	Early Spring
Sunset Boulevard (Viola)	5	Fuseables	Early Spring
Wine Cooler (Viola/Alyssum)	5	Fuseables	Early Spring
Blueberry Lime Jam (Petunia)	7	Fuseables	Spring
Lime Coral (Petunia)	7	Fuseables	Spring
Paradise Island (Calibrachoa)	6	Fuseables	Spring
Pleasantly Blue (Petunia)	7	Fuseables	Spring
Utopia (Bacopa)	7	Fuseables	Spring
Blue Dawn	9	Wave Fuseables	Spring
Healing Waters	9	Wave Fuseables	Spring
Ooh La La	9	Wave Fuseables	Spring
Rise N Shine	8	Wave Fuseables	Spring
Silk N Satin	9	Wave Fuseables	Spring
Chocolate Symphony (Coleus)	11	Fuseables	Spring/Summer
Twisted Arrows (Juncus)	11	Fuseables	Spring/Summer
Twisted Dart (Juncus)	11	Fuseables	Spring/Summer
Under the Sun (Coleus)	10	Fuseables	Spring/Summer

