

ALL SEED, ALL SEASONS, ALL PROVEN, ALL YOU NEED

2019 COLLECTION

Introducing NEW cool-season combos with Cool Wave[®] pansies and NEW warm-season combos!





Proven to perform, proven to sell

20 on-trend Plug & Play newcomers expand the lineup of easy, fresh and fun combos that deliver. We're excited to offer **first-ever coolseason combos featuring Cool Wave pansies.** And to answer the big demand for heat lovers, you'll also find **all-new warm-season combos perfect for Summer performance.**

The Plug & Play program is built upon internal and external testing in multiple regions. This **fully vetted** collection of 80 Plug & Play combos serves up grab 'n go gardens that give today's consumer plenty of time to enjoy life!

Find all the program details at panamseed.com/PlugandPlay

Move seamlessly from plant to perfect

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 real-life gardens for intense 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 options from value priced to upscale 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, multi-color blooms.
- Balanced, attractive combos to enhance every décor.



MORE SEASONS. MORE CHOICES. MORE SALES!

PLUG & PLAY FUSEABLES®

VALUE

FUSEABLES

"Easy-sow, easy-grow" Precision™ Multi-Pellets offer the only combo program from a single pellet. You'll grow and sell more consistent and better looking mixes. **p. 6, 7, 10 & 22**

BETTER

COOL WAVE FUSEABLES

NEW FOR 2019: Pump up coolseason sales with the best-performing spreading pansy for Spring and Fall starring in 2 outstanding combos that you start with our Precision Multi-Pellets. **p. 7**

BETTER

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. **p. 11 & 12**

PREMIUM

PREMIUM ANNUAL FUSEABLES

Our proven single-input Fuseables open up a new category, with Kabloom[™] seed calibrachoa components. Easy and efficient growing with premium results! **p. 18**



Revolutionary Fuseables Precision Multi-Pellets...



flow right through your seeder...



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



to grow greatlooking, balanced combos that sell!

PLUG & PLAY COMBOS

VALUE

SINGLE-SPECIES PLUG & PLAY COMBOS

NEW FOR 2019: The focus is on sure success with 6 simple yet vibrant, heat-loving combos - 3 feature constant-color Lucky Star[®] pentas and 3 show off Titan[™], Valiant[™] and NEW Tattoo[™] vinca. **p. 25 & 26**

BETTER

COOL WAVE PLUG & PLAY COMBOS

NEW FOR 2019: Stand way above the crowd in Spring and Fall with the *fastest-growing*, *longest-lasting*, *truly trailing pansy* adding a designer look to cool-season baskets and pots. **p. 8**

BETTER

WAVE PLUG & PLAY COMBOS

Grow good-looking, well-balanced, all-Wave mixes in one pot...without a royalty! They're easy to make and easier to sell with recognized Wave branding. **p. 12-20**

PREMIUM

PLUG & PLAY COMBOS WITH PREMIUM ANNUALS, VEGETABLES & HERBS

NEW FOR 2019: Dramatic good looks and dependable performance meet or beat their vegetative counterparts. Eight new Summer combos featuring popular and unique seed items like Serena® and Serenita® angelonia, Zahara® zinnia and Purple Prince alternanthera make a big statement at retail and on home patios. These "premium" standouts deliver endcap or front-of-store appeal, with several offering built-in Wave recognition. Annuals p. 27 & 28, Vegetables & Herbs p. 23

PREMIUM

PLUG & PLAY COMBOS WITH PERENNIALS

Set yourself apart with proven, programmable combos featuring first-year-flowering, mid-season varieties. Elegant and textured containers are perfect for Summer and Fall sales. **p. 29 & 30**

Planning and purchasing just got easier - you'll find all 80 combos in the handy, all-in-one Seasonal Selection Guide on **p 4 & 5.**

seasonal selection guide

COMBO NAME	PAGE	СОМВО ТҮРЕ	SEASON	PRICE POINT
Sunglow (Viola)	7	Fuseables	Early Spring	Value
Sunset Boulevard (Viola)	7	Fuseables	Early Spring	Value
Wine Cooler (Viola/Alyssum)	6	Fuseables	Early Spring	Value
NEW Flower Date	7	Cool Wave Fuseables	Early Spring	Better
NEW Sunny Skies	7	Cool Wave Fuseables	Early Spring	Better
NEW Ocean Breezes	8	Cool Wave Plug & Play Combo	Early Spring	Better
NEW On a Clear Day	8	Cool Wave Plug & Play Combo	Early Spring	Better
NEW Purple Sunset	8	Cool Wave Plug & Play Combo	Early Spring	Better
NEW Yellow Heaven	8	Cool Wave Plug & Play Combo	Early Spring	Better
Blueberry Lime Jam (Petunia)	10	Fuseables	Spring	Value
Lime Coral (Petunia)	10	Fuseables	Spring	Value
Pleasantly Blue (Petunia)	10	Fuseables	Spring	Value
Utopia (Bacopa)	10	Fuseables	Spring	Value
Blue Dawn	11	Wave Fuseables	Spring	Better
Healing Waters	11	Wave Fuseables	Spring	Better
Ooh La La	11	Wave Fuseables	Spring	Better
Rise N Shine	11	Wave Fuseables	Spring	Better
Silk N Satin	12	Wave Fuseables	Spring	Better
Strawberry Wine	12	Wave Fuseables	Spring	Better
After Dark	15	Wave Plug & Play Combo	Spring	Better
Beach Party	18	Wave Plug & Play Combo	Spring	Better
Blue Hawaii	17	Wave Plug & Play Combo	Spring	Better
Coco Colada	17	Wave Plug & Play Combo	Spring	Better
Dusk to Dawn	15	Wave Plug & Play Combo	Spring	Better
Evening in Rio	16	Wave Plug & Play Combo	Spring	Better
Firecracker	14	Wave Plug & Play Combo	Spring	Better
Fly Me to the Moon	15	Wave Plug & Play Combo	Spring	Better
Flying the Flag	12	Wave Plug & Play Combo	Spring	Better
Lovin' It	14	Wave Plug & Play Combo	Spring	Better
Mad About Red	13	Wave Plug & Play Combo	Spring	Better
O Canada	18	Wave Plug & Play Combo	Spring	Better
Opposites Attract	16	Wave Plug & Play Combo	Spring	Better
Red, White & Blues	17	Wave Plug & Play Combo	Spring	Better
Rosy Kisses	14	Wave Plug & Play Combo	Spring	Better
Royal Passion	14	Wave Plug & Play Combo	Spring	Better
Seeing Stars	15	Wave Plug & Play Combo	Spring	Better
Subtle Perfection	13	Wave Plug & Play Combo	Spring	Better
Surfin' Safari	16	Wave Plug & Play Combo	Spring	Better
Sweetheart	13	Wave Plug & Play Combo	Spring	Better
The Flag	17	Wave Plug & Play Combo	Spring	Better

seasonal selection guide

COMBO NAME	PAGE	СОМВО ТҮРЕ	SEASON	PRICE POINT
Twinkle Twinkle	16	Wave Plug & Play Combo	Spring	Better
Very Valentine	12	Wave Plug & Play Combo	Spring	Better
Paradise Island (Calibrachoa)	18	Fuseables	Spring	Premium
Poppin' in the Sun	19	Plug & Play Combo	Spring	Premium
Coral Lights	20	Wave Plug & Play Combo	Spring	Premium
Fire N Nice	19	Wave Plug & Play Combo	Spring	Premium
Lemon Dream	20	Wave Plug & Play Combo	Spring	Premium
Puttin' on the Pink	19	Wave Plug & Play Combo	Spring	Premium
Razzle Dazzle	20	Wave Plug & Play Combo	Spring	Premium
Royal Sparkler	19	Wave Plug & Play Combo	Spring	Premium
Chocolate Symphony (Coleus)	22	Fuseables	Spring/Summer	Value
Under the Sun (Coleus)	22	Fuseables	Spring/Summer	Value
Twisted Arrows (Juncus)	22	Fuseables	Spring/Summer	Value
Twisted Dart (Juncus)	22	Fuseables	Spring/Summer	Value
Cantina Heat	23	Plug & Play Combos with Vegetables and Herbs	Spring/Summer	Premium
Foodie Blues	23	Plug & Play Combos with Vegetables and Herbs	Spring/Summer	Premium
Italian Bistro	23	Plug & Play Combos with Vegetables and Herbs	Spring/Summer	Premium
Lunch Date	23	Plug & Play Combos with Vegetables and Herbs	Spring/Summer	Premium
NEW Christmas in July (Pentas)	25	Single-Species Plug & Play Combo	Summer	Value
NEW Shining Stars (Pentas)	25	Single-Species Plug & Play Combo	Summer	Value
NEW Star Bright (Pentas)	25	Single-Species Plug & Play Combo	Summer	Value
NEW Airbrush'd (Vinca)	26	Single-Species Plug & Play Combo	Summer	Value
NEW Berry Burst (Vinca)	26	Single-Species Plug & Play Combo	Summer	Value
NEW Summer Smoothie (Vinca)	26	Single-Species Plug & Play Combo	Summer	Value
NEW Ink'd	27	Plug & Play Combo	Summer	Premium
NEW Peach Melba Parfait	27	Plug & Play Combo	Summer	Premium
NEW Seaside Delight	27	Plug & Play Combo	Summer	Premium
NEW Summer Candy	27	Plug & Play Combo	Summer	Premium
NEW Berry Sparkler	28	Plug & Play Combo	Summer	Premium
NEW Cherry Jam	28	Plug & Play Combo	Summer	Premium
NEW Sun Jewels	28	Plug & Play Combo	Summer	Premium
NEW Yellow Tambourine	28	Plug & Play Combo	Summer	Premium
Amazon Rain Forest	30	Plug & Play Combos with Perennials	Summer	Premium
Bali Hai	29	Plug & Play Combos with Perennials	Summer	Premium
Paris in Springtime	29	Plug & Play Combos with Perennials	Summer	Premium
Passion for Pompeii	30	Plug & Play Combos with Perennials	Summer	Premium
Roman Holiday	29	Plug & Play Combos with Perennials	Summer	Premium
Sydney Sparkler	30	Plug & Play Combos with Perennials	Summer	Premium
Tuscan Sun	29	Plug & Play Combos with Perennials	Summer	Premium
Very Vesuvius	30	Plug & Play Combos with Perennials	Summer	Premium

early spring

It's early and they're craving color. Offer good-looking, cool-season Plug & Play combos in fresh, cheery tones!

Fuseables

NEW Cool Wave Fuseables

NEW Cool Wave Plug & Play Combos



Order now from your preferred distributor



FUSEABLES WINE COOLER

VALUE

wave

PANSIES

 ${\tt Sorbet}^{*}\,{\tt Midnight\,Glow\,Viola\,\&\,Clear\,Crystal^{*}\,{\tt Purple\,Shades\,Alyssum}$



NEW Ocean Breezes - A Cool Wave Plug & Play Combo

Grow cool for best finish.

early spring

FUSEABLES SUNGLOW

Sorbet Lemon Chiffon Viola & Sorbet Midnight Glow Viola



FUSEABLES SUNSET BOULEVARD

VALUE

Sorbet Lemon Chiffon Viola & Sorbet Peach Melba Viola



VALUE

Grow cool for best finish.



Grow cool for best finish.



early spring

NEW OCEAN BREEZES

Cool Wave Blue Skies Pansy, Cool Wave Purple Pansy & Cool Wave White Pansy



Transplant to finish: 7-8 weeks

	Variety	Seeds	Plug Size	Plants per Pot			
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
(Cool Wave Blue Skies Pansy	1	128	1	2	3	
B	Cool Wave Purple Pansy	1	128	1	2	3	
C	Cool Wave White Pansy	1	128	1	2	3	

Grow cool for best finish.

NEW PURPLE SUNSET

BETTER

G

BETTER

Cool Wave Purple Pansy, Cool Wave Golden Yellow Pansy & Cool Wave Blue Skies Pansy



Transplant to finish: 7-8 weeks

	Variety	Seeds	Plug	Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
A	Cool Wave Purple Pansy	1	128	1	2	3	
B	Cool Wave Golden Yellow Pansy	1	128	1	2	3	
C	Cool Wave Blue Skies Pansy	1	128	1	2	3	

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.

NEW ON A CLEAR DAY

BETTER

Cool Wave Purple Pansy, Cool Wave White Pansy & Cool Wave Golden Yellow Pansy



Transplant to finish: 7-8 weeks

	Variety	Seeds	Plug Size	Plants p	er Pot	
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm
A	Cool Wave Purple Pansy	1	128	1	2	3
B	Cool Wave White Pansy	1	128	1	2	3
С	Cool Wave Golden Yellow Pansy	1	128	1	2	3
Grow	cool for best finish.					

NEW YELLOW HEAVEN

BETTER

Cool Wave Lemon Improved Pansy, Cool Wave White Pansy & Cool Wave Golden Yellow Pansy



Transplant to finish: 7-8 weeks

	Variety	Seeds	Plug	Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
	Cool Wave Lemon Improved Pansy	1	128	1	2	3	
B	Cool Wave White Pansy	1	128	1	2	3	
С	Cool Wave Golden Yellow Pansy	1	128	1	2	3	

Grow cool for best finish.

Spring has really sprung now! Plug & Play offers combos for every gardener's taste.

Fuseables

Wave Fuseables

Premium Annuals Fuseables

Plug & Play Combos with Premium Annuals

Wave Plug & Play Combos



Order now from your preferred distributor





Seeing Stars - A Wave Plug & Play Combo

FUSEABLES UTOPIA

Blutopia® Bacopa & Snowtopia® Bacopa





FUSEABLES LIME CORAL

VALUE

VALUE

Dreams Coral Morn Petunia & Sophistica Lime Bicolor Petunia







WAVE FUSEABLES BLUE DAWN

Easy Wave® Rosy Dawn Petunia & Blutopia Bacopa

WAVE FUSEABLES HEALING WATERS

Shock Wave[®] Denim Petunia, Easy Wave Violet Petunia & large-flowered blue bacopa



BETTER



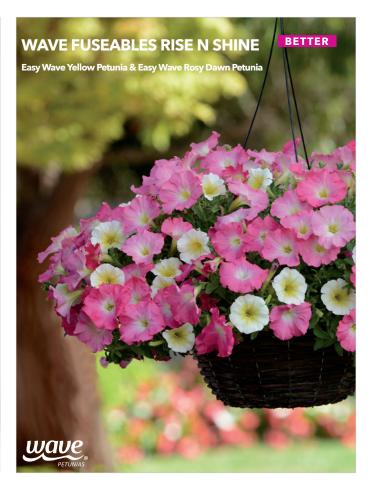


wave



BETTER

Easy Wave Burgundy Star Petunia, Easy Wave Neon Rose Petunia & Shock Wave Coconut Petunia





WAVE FUSEABLES SILK N SATIN

Shock Wave Pink Shades Petunia & Snowtopia Bacopa

WAVE FUSEABLES STRAWBERRY WINE

BETTER





Easy Wave Shell Pink Petunia, Dreams Red Petunia & Daddy Red Petunia

FLYING THE FLAG

BETTER

BETTER

Easy Wave Red Velour Petunia, Easy Wave White Petunia & Combo Blue Petunia



Transplant to finish: 7 weeks*

	Variety Seeds				Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength	
A	Easy Wave Red Velour Petunia	1	288	1	3	4	11 hrs.	
B	Easy Wave White Petunia	1	288	1	2	3	10 hrs.	
G	Combo Blue Petunia	1	288	1	2	3	10.5 hrs.	

VERY VALENTINE

BETTER

Easy Wave Pink Passion Petunia, Easy Wave White Petunia & Easy Wave Red Velour Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	Plug Size	Plants p	Critical		
		per Cell		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 White Petunia	1	288	1	2	3	10 hrs.
G	Easy Wave Red Velour Petunia	1	288	1	2	3	11 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.

12 Find product & growing info at panamseed.com/PlugandPlay

SWEETHEART

BAB

8 in./20cm

88

10 in./25cm

BAB

BAB

12 in./30cm

Variety

Easy Wave Red Velour Petunia

Easy Wave Pink Passion Petunia

A

Transplant to finish: 7 weeks*

A

A

B

Easy Wave Red Velour Petunia & Easy Wave Pink Passion Petunia

MAD ABOUT RED

BETTER

Easy Wave Red Velour Petunia & Easy Wave Yellow Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	Plug Size	Plants p	Critical		
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
A	Easy Wave Red Velour Petunia	1	288	2	3	4	11 hrs.
B	Easy Wave Yellow Petunia	1	288	2	3	4	10 hrs.

SUBTLE PERFECTION

BETTER

Critical Daylength

11 hrs.

10 hrs.

BETTER



wave

Seeds

per Cell

1

1

Plug Size

288 2

288 2

Plants per Pot

8 in./ 20cm 10 in./ 25cm

3

3

12 in./ 30cm

4

4



Transplant to finish: 7 weeks*

	Variety	Seeds	Plug Size	Plants p	Critical		
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
()	Easy Wave Pink Passion Petunia	1	288	1	2	3	10 hrs.
B	Easy Wave Silver Petunia	1	288	1	2	3	10 hrs.
G	Shock Wave Deep Purple Petunia	1	288	1	2	3	10.5 hrs.



LOVIN' IT

Easy Wave Yellow Petunia, Easy Wave Neon Rose Petunia & Combo Blue Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	Plug	Plants p	oer Pot	Critical	
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
4	Easy Wave Yellow Petunia	1	288	1	2	3	10 hrs.
B	Easy Wave Neon Rose Petunia	1	288	1	2	3	10 hrs.
G	Combo Blue Petunia	1	288	1	2	3	10.5 hrs.

FIRECRACKER

BETTER

BETTER

Shock Wave Coral Crush Petunia, Shock Wave Denim Petunia & Shock Wave Deep Purple Petunia



Transplant to finish: 7 weeks*

	Variety Seed		Plug	Plants p	er Pot	Critical	
		Cell Siz	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
A	Shock Wave Coral Crush Petunia	1	288	1	2	3	10 hrs.
B	Shock Wave Denim Petunia	1	288	1	2	3	10 hrs.
G	Shock Wave Deep Purple Petunia	1	288	1	2	3	10.5 hrs.

ROSY KISSES

BETTER

Easy Wave Yellow Petunia, Easy Wave Rosy Dawn Petunia & Shock Wave Deep Purple Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds		Plants p	Critical		
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
()	Easy Wave Yellow Petunia	1	288	1	2	3	10 hrs.
B	Easy Wave Rosy Dawn Petunia	1	288	1	2	3	10 hrs.
G	Shock Wave Deep Purple Petunia	1	288	1	2	3	10.5 hrs.

ROYAL PASSION

BETTER

Easy Wave Burgundy Velour Petunia, Easy Wave Plum Vein Petunia & Combo Blue Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	ds Plug Size	Plants p	er Pot		Critical
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
4	Easy Wave Burgundy Velour Petunia	1	288	1	2	3	10.5 hrs.
B	Easy Wave Plum Vein Petunia	1	288	1	2	3	11 hrs.
G	Combo Blue Petunia	1	288	1	2	3	10.5 hrs.

FLY ME TO THE MOON

BETTER

Easy Wave Burgundy Velour Petunia, Easy Wave White Petunia & Easy Wave Neon Rose Petunia



Transplant to finish: 7 weeks*

					242		
	Variety	Seeds	Plug Size	Plants p		Critical	
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
A	Easy Wave Burgundy Velour Petunia	1	288	1	2	3	10.5 hrs.
B	Easy Wave White Petunia	1	288	1	2	3	10 hrs.
C	Easy Wave Neon Rose Petunia	1	288	1	2	3	10 hrs.

DUSK TO DAWN

Easy Wave Plum Vein Petunia & Shock Wave Pink Vein Petunia

BBB 8 in./20cm BAB **0**_B**0** 10 in./25cm BAB A AB 12 in./30cm Transplant to finish: 7 weeks*

	Variety	Seeds Plug per Size Cell	Plants p	Critical			
			Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
(Easy Wave Plum Vein Petunia	1	288	2	3	4	11 hrs.
B	Shock Wave Pink Vein Petunia	1	288	2	3	4	10.5 hrs.

AFTER DARK

BETTER

Easy Wave Burgundy Velour Petunia & Easy Wave Neon Rose Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	Plug	Plants p	Critical		
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
0	Easy Wave Burgundy Velour Petunia	1	288	2	3	4	10.5 hrs.
B	Easy Wave Neon Rose Petunia	1	288	2	3	4	10 hrs.

SEEING STARS

A

B

BETTER

BETTER

Easy Wave Burgundy Star Petunia & Easy Wave Neon Rose Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds Plug		Plants p		Critical	
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
4	Easy Wave Burgundy Star Petunia	1	288	2	3	4	10 hrs.
B	Easy Wave Neon Rose Petunia	1	288	2	3	4	10 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.

SURFIN' SAFARI

Shock Wave Coral Crush Petunia & Shock Wave Denim Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds Plug		Plants p	Critical		
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
()	Shock Wave Coral Crush Petunia	1	288	2	3	4	10 hrs.
B	Shock Wave Denim Petunia	1	288	2	3	4	10 hrs.

TWINKLE TWINKLE

BETTER

Easy Wave Burgundy Star Petunia & Shock Wave Coconut Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	Plug	Plants p	Critical		
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
4	Easy Wave Burgundy Star Petunia	1	288	2	3	4	10 hrs.
B	Shock Wave Coconut Petunia	1	288	2	3	4	10.5 hrs.

OPPOSITES ATTRACT

BETTER

BETTER

Easy Wave Violet Improved Petunia & Easy Wave Coral Reef Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds Plug		Plants p	Critical		
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
(Easy Wave Violet Improved Petunia	1	288	2	3	4	10 hrs.
(Easy Wave Coral Reef Petunia 	1	288	2	3	4	10 hrs.

EVENING IN RIO

BETTER

Easy Wave Violet Improved Petunia & Easy Wave Neon Rose Petunia



Transplant to finish: 7 weeks*

	Variety Seeds per Cell				Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength	
()	Easy Wave Violet Improved Petunia	1	288	2	3	4	10 hrs.	
B	Easy Wave Neon Rose Petunia	1	288	2	3	4	10 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.

COCO COLADA

Shock Wave Coconut Petunia & Shock Wave Coral Crush Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	per Size Cell	Plants p	Critical		
		Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
A	Shock Wave Coconut Petunia	1	288	2	3	4	10.5 hrs.
B	Shock Wave Coral Crush Petunia	1	288	2	3	4	10 hrs.

RED, WHITE & BLUES

BETTER

Shock Wave Coconut Petunia, Shock Wave Denim Petunia & Shock Wave Red Petunia



Transplant to finish: 7 weeks*

	Variety	Seeds	per Size	Plants p	Critical		
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
	Shock Wave Coconut Petunia	1	288	1	2	3	10.5 hrs.
B	Shock Wave Denim Petunia	1	288	1	2	3	10 hrs.
G	Shock Wave Red Petunia	1	288	1	2	3	10 hrs.

THE FLAG

BETTER

BETTER

Easy Wave Red Improved Petunia, Easy Wave White Petunia & Easy Wave Blue Petunia



Transplant to finish: 7 weeks*

Variety		Seeds	Plug Size	Plants p	er Pot	Critical		
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength	
(4)	Easy Wave Red Improved Petunia	1	288	1	2	3	10 hrs.	
B	Easy Wave White Petunia	1	288	1	2	3	10 hrs.	
G	Easy Wave Blue Petunia	1	288	1	2	3	10.5 hrs.	

BLUE HAWAII

BETTER

Easy Wave Rosy Dawn Petunia & Shock Wave Denim Petunia



Transplant to finish: 7 weeks*

			Plug	Plants p	er Pot	Critical	
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength
A	Easy Wave Rosy Dawn Petunia	1	288	2	3	4	10 hrs.
B	Shock Wave Denim Petunia	1	288	2	3	4	10 hrs.

O CANADA

Easy Wave Red Improved Petunia & Easy Wave White Petunia

BEACH PARTY

BETTER

BETTER





Transplant to finish: 7 weeks*

	Variety Seeds P			Plants p		Critical		
		Cell Siz		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength	
A	Easy Wave Red Improved Petunia	1	288	2	3	4	10 hrs.	
8	Easy Wave White Petunia	1	288	2	3	4	10 hrs.	



Transplant to finish: 7 weeks*

	Variety				Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	Daylength	
۵	Shock Wave Denim Petunia	1	288	2	3	4	10 hrs.	
B	Shock Wave Pink Shades Petunia	1	288	2	3	4	10 hrs.	



POPPIN' IN THE SUN

Combo Blue Calibrachoa & Kabloom Yellow Calibrachoa



PREMIUM



1

128 3

ROYAL SPARKLER

Glitz Euphorbia

PREMIUM

Day Neutral

4

Easy Wave Burgundy Velour Petunia, Easy Wave Silver Petunia & Glitz Euphorbia



*Timing assumes the use of daylength extension or lighted plugs where needed, and active growing temperatures. †Note additional input needed in center of pot. 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.



CORAL LIGHTS

Easy Wave Yellow Petunia, Shock Wave Coral Crush Petunia & Glitz Euphorbia



wave

Transplant to finish: 8 weeks*

	Variety	Seeds	Plug	Plants p	er Pot	Critical Daylength	
		per Cell	Size	10 in./ 25cm	12 in./ 30cm		
A	Easy Wave Yellow Petunia	1	288	2	3	10 hrs.	
B	Shock Wave Coral Crush Petunia	1	288	2	3	10 hrs.	
С	Glitz Euphorbia	1	128	3†	4†	Day Neutral	

RAZZLE DAZZLE

PREMIUM

PREMIUM

Combo Blue Calibrachoa, Easy Wave Pink Passion Petunia & Quartz XP Burgundy with Eye Verbena



	Variety	Seeds	Plug	Plants p	er Pot	Critical Daylength	
		per Cell	Size	10 in./ 25cm	12 in./ 30cm	Daylength	
A	Combo Blue Calibrachoa	2	128	2	3	10 hrs.	
B	Easy Wave Pink Passion Petunia	1	288	2	3	10 hrs.	
G	Quartz XP Burgundy with Eye Verbena	1	288	3†	4†		

Shear Calibrachoa plug.



Shear Calibrachoa plug.

*Timing assumes the use of daylength extension or lighted plugs where needed, and active growing temperatures. †Note additional input needed in center of pot. All varieties in each Plug & Play combo must be transplanted at the same time in order to finish at the same time. Sow times may vary. NOTE: Individual varieties sold separately.

spring/summer

Give them color! Give them taste! Give them texture! These Plug & Play combos deliver loads of shopper satisfaction.

Fuseables

Plug & Play Combos with Vegetables & Herbs



Order now from your preferred distributor





Find product & growing info at panamseed.com/PlugandPlay 21

spring/summer

FUSEABLES CHOCOLATE SYMPHONY

VALUE

VALUE

Chocolate Mint Coleus & Lime Delight Coleus - an easy combo for shade

FUSEABLES UNDER THE SUN

Crimson Gold Coleus & Lime Delight Coleus - great for both sun and shade





FUSEABLES TWISTED DART

VALUE

VALUE

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

FUSEABLES TWISTED ARROWS



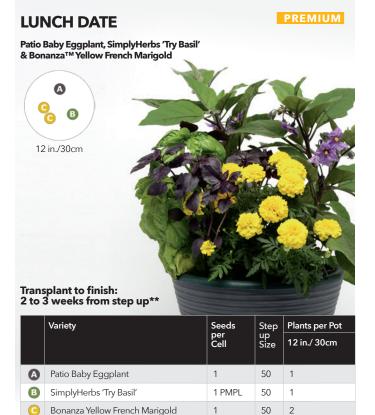


spring/summer

ITALIAN BISTRO

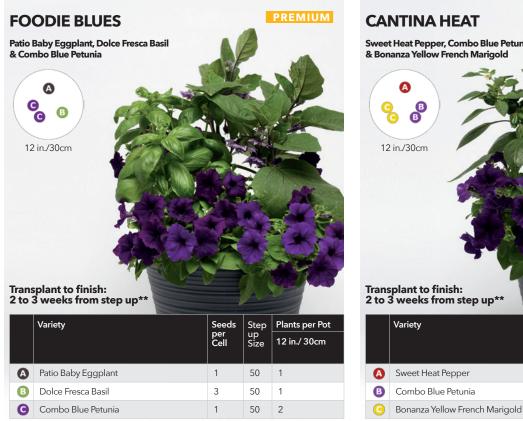
Little Napoli Tomato, SimplyHerbs™ Curled Parsley & Easy Wave Red Velour Petunia





A NEW OPPORTUNITY: COMBOS GOOD ENOUGH TO EAT!

PREMIUM





**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.

PanAmerican Seed.

1

50 2

Gardeners are still going strong - give them fresh, fun Plug & Play combos to enjoy all through the season!

Single-Species Plug & Play Combos

Plug & Play Combos with Premium Annuals

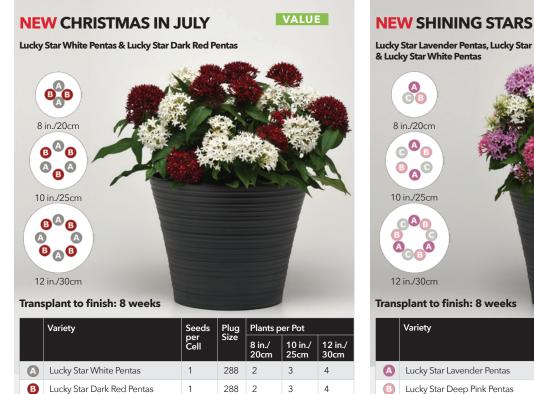
Plug & Play Combos with Perennials



Order now from your preferred distributor



NEW Peach Melba Parfait - A Plug & Play Combo with Premium Annuals



Lucky Star Lavender Pentas, Lucky Star Deep Pink Pentas & Lucky Star White Pentas

Transplant to finish: 8 weeks

	Variety	Seeds	Plug Size	Plants per Pot			
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
A	Lucky Star Lavender Pentas	1	288	1	2	3	
B	Lucky Star Deep Pink Pentas	1	288	1	2	3	
C	Lucky Star White Pentas	1	288	1	2	3	

NEW STAR BRIGHT

Lucky Star Dark Red Pentas, Lucky Star Deep Pink Pentas & Lucky Star Lavender Pentas



PanAmerican Seed.

Transplant to finish: 8 weeks

	Variety	Seeds	Plug	Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
A	Lucky Star Dark Red Pentas	1	288	1	2	3	
B	Lucky Star Deep Pink Pentas	1	288	1	2	3	
G	Lucky Star Lavender Pentas	1	288	1	2	3	

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.

VALUE

VALUE

NEW AIRBRUSH'D

Tattoo Raspberry Vinca, Titan Polka Dot Vinca & Titan Rose Halo Vinca



Transplant to finish: 6-7 weeks

Γ				Plug	Plants p		
	per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm		
		Tattoo Raspberry Vinca	1	288	1	2	3
	B	Titan Polka Dot Vinca	1	288	1	2	3
	C	Titan Rose Halo Vinca	1	288	1	2	3



12 in./30cm

Transplant to finish: 6-7 weeks

	Variety	Seeds	Plug	Plants per Pot			
		per Cell	Size	8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
A	Titan Really Red Vinca	1	288	1	2	3	
B	Tattoo Black Cherry Vinca	1	288	1	2	3	
C	Titan Rose Halo Vinca	1	288	1	2	3	

NEW SUMMER SMOOTHIE Valiant Orchid Vinca, Valiant Pure White Vinca & Valiant Burgundy Vinca **O**B 8 in./20cm GAB BAG 10 in./25cm

VALUE

VALUE

12 in./30cm

Transplant to finish: 6-7 weeks

	Variety	Seeds	Plug Size	Plants per Pot			
		per Cell		8 in./ 20cm	10 in./ 25cm	12 in./ 30cm	
()	Valiant Orchid Vinca	1	288	1	2	3	
6	Valiant Pure White Vinca	1	288	1	2	3	
G	Valiant Burgundy Vinca	1	288	1	2	3	



NEW SEASIDE DELIGHT

Valiant Orchid Vinca & Serena Blue Angelonia



1

1

288

128 2

2

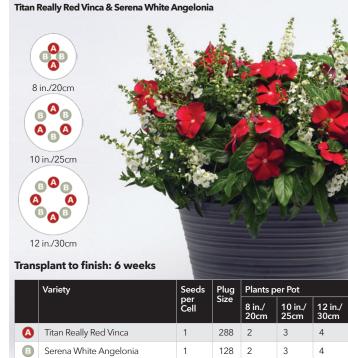
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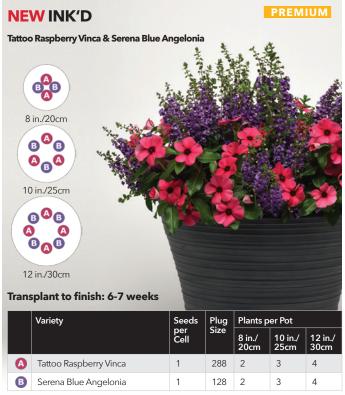
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PREMIUM



NEW SUMMER CANDY

PREMIUM





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.

Valiant Orchid Vinca

Serena Blue Angelonia

B

NEW SUN JEWELS

PREMIUM PREMIUM **NEW BERRY SPARKLER NEW CHERRY JAM** Serena Purple Angelonia, Titan Punch Vinca & Purple Flash Ornamental Pepper **Chocolate Covered Cherry Premium Sun Coleus,** Valiant Punch Vinca & Purple Prince Alternanthera A A C G B B 10 in./25cm 10 in./25cm A Q Ċ 12 in./30cm 12 in./30cm Transplant to finish: 7 weeks Transplant to finish: 6 weeks Plug Size Variety Plug Size Variety Seeds Plants per Pot Seeds Plants per Pot per Cell per Cell 12 in./ 30cm 12 in./ 30cm 10 in./ 10 in./ cm ōcm Chocolate Covered Cherry Premium Sun Coleus Serena Purple Angelonia 128 2 Δ 1 1 A 1 288 1 1 B Titan Punch Vinca 1 288 1 2 B Valiant Punch Vinca 1 288 2 1 Θ Purple Flash Ornamental Pepper 105 1 1 1 Purple Prince Alternanthera 288 2 G 1 1

PREMIUM

NEW YELLOW TAMBOURINE

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

PREMIUM



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

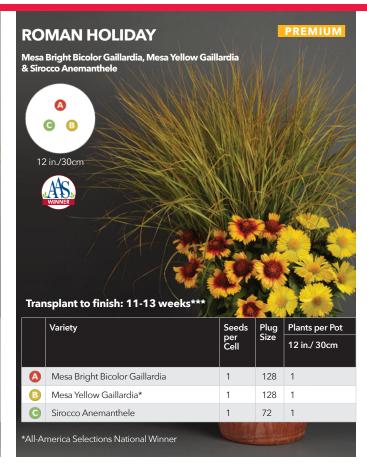


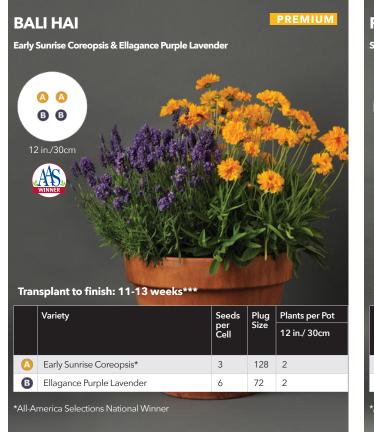
10 in./25cm

12 in./30cm

Transplant to finish: 7 weeks Variety Plug Size Plants per Pot Seeds per Cell 12 in./ 10 in./ 30cm Α Serena Blue Angelonia 1 128 2 B Zahara Yellow Zinnia 1 288 1 2 Θ Purple Flash Ornamental Pepper 105 1 1 1

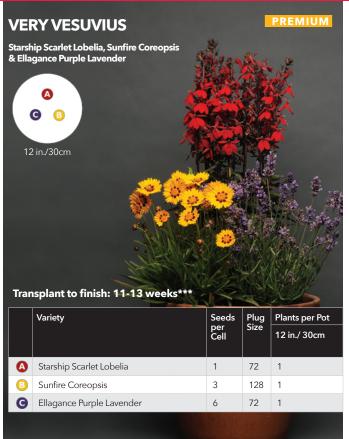
	SCAN SUN	Gaillardi		PREMIUM
& Siro	splant to finish: 11-13 weeks***	Gaillardi	a	
	Variety	Seeds	Plug	Plants per Pot
		per Cell	Size	12 in./ 30cm
	Starship Scarlet Lobelia	1	72	1
8	Mesa Bright Bicolor Gaillardia	1	128	1
Θ	Sirocco Anemanthele	1	72	1
		1.23		

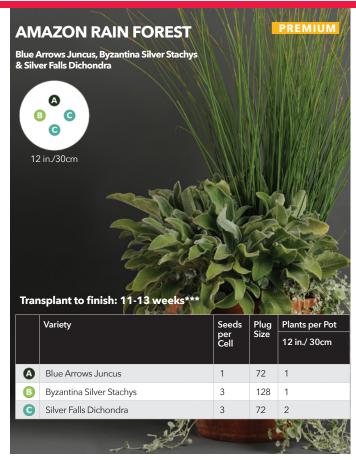


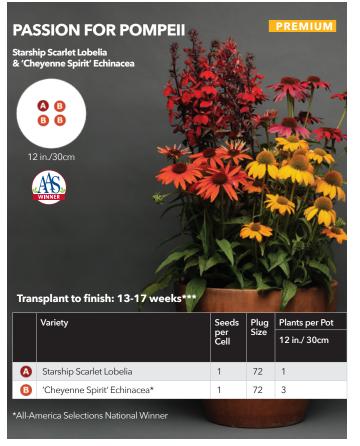




*** Timing assumes correct daylength and active growing conditions. All varieties in each Plug & Play combo must be transplanted at the same time to finish at the same time. Sow times will vary. NOTE: Individual varieties sold separately.









*** Timing assumes correct daylength and active growing conditions.

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.

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 and Combo Blue Calibrachoa plugs before transplanting.

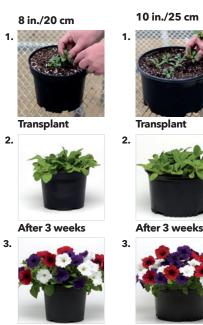
Easy does it!

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.





After 6 weeks

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Talk to your preferred supplier today to order Fuseables Precision Multi-Pellets and seed and plugs for all the Plug & Play combo varieties.

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Plug & Play now includes 20 new coolseason and warm-season choices...more great ways to expand your combo program!

