# GrowerFacts

PanAmerican Seed®

## Petunia (Spreading) Easy Wave® $F_1$ Series

Annuals Culture (revised 12/13/24)

*(Petunia x hybrida)*

**Bold and creative!**
You'll always stand out in the petunia market with Easy Wave. Bring in a wide array of decorator colours. Put their versatility to work – they're perfect for solo and mixed planters and baskets, gardens and landscapes. Best of all, these all-season salesmakers deliver customer-pleasing performance.

**Plug crop time:** 4 to 6 weeks
**Transplant to finish:** Spring 6 to 7 weeks, Summer 4 to 5 weeks

- Versatile Easy Wave offers a wide range of colours, including star and vein patterns.
- More mounded with more controlled spread than Wave varieties.
- Recommended in Wave-branded packaging: premium 306 packs with handle, 4 to 6-in./10 to 15-cm pots and hanging baskets.

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Sun | Spring, Late Spring, Summer, Late Summer | 6-12 in.<br>(15-30 cm) | 30-39 in.<br>(76-99 cm) | 10-15 in.<br>(25-38 cm) |

## Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days from 50% to maximum germination | Initial Media pH/EC (1:2) | Cover Seed |
|---|---|---|---|---|---|---|
| PEL | 288<br>128 | 1<br>1 | 4-6<br>5-7 | 3-5 | 5.5-6.0 pH<br>0.75 mmhos/cm | No |

## Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|---|---|---|---|---|
| **Moisture** | Level 4-5 | Level 3-4 | Level 2-4 | Level 2-4 |
| **Temperature** | 72-77°F<br>(22-25°C) | 72-77°F<br>(22-25°C) | 65-70°F<br>(18-21°C) | 60-65°F<br>(16-18°C) |
| **Light** | Optional | 6 $mol \cdot m^{-2} \cdot d^{-1}$<br>1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 8-12 $mol \cdot m^{-2} \cdot d^{-1}$<br>2,500-4,000 f.c.<br>(26,900-43,100 Lux) | 8-15 $mol \cdot m^{-2} \cdot d^{-1}$<br>2,500-5,000 f.c.<br>(26,900-53,800 Lux) |
| **Fertiliser** | | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) |
| **PGR** | | | daminozide/2,500-5,000 ppm/Spray | daminozide/2,500-5,000 ppm/Spray |

## Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertiliser | Daylength |
|---|---|---|---|
| **(day)** 61-75°F (16-24°C)<br>**(night)** 57-65°F (14-18°C) | 5.5-6.2 pH<br>1.5-2.0 mmhos/cm | 225 to 300 ppm N<br>(1.5 to 2.0 EC) | Facultative Long Day |

## Daylength Notation

Minimum Daylength Requirement by Variety:
9 hours: Rose Fusion
9.5 hours: Blue, Lavender Sky Blue, Navy Velour, Pink Pearl, Rose
10 hours: Berry Velour, Pink Passion, Burgundy Star, Coral Reef, Neon Rose, Rosy Dawn, Silver, Violet, White
10.5 hours: Burgundy Velour
11 hours: Pink, Plum Vein, Red, Red Velour

# Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---|---|---|---|---|
| 306 Pack/1801 | 1 (ppp) | 6-7 (weeks) | Spring | paclobutrazol 3-5 ppm Drench |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 6-7 (weeks) | Spring | paclobutrazol 3-5 ppm Drench |
| 10" Pot or HB/3 Gallon/25 cm | 3-4 (ppp) | 8-9 (weeks) | Spring | paclobutrazol 3-5 ppm Drench |
| 306 Pack/1801 | 1 (ppp) | 4-5 (weeks) | Summer | paclobutrazol 3-5 ppm Drench |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 4-5 (weeks) | Summer | paclobutrazol 3-5 ppm Drench |
| 10" Pot or HB/3 Gallon/25 cm | 3-4 (ppp) | 6-7 (weeks) | Summer | paclobutrazol 3-5 ppm Drench |

## Common Problems

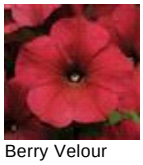
Insects: Thrips, Aphids, Fungus Gnats, Shore Flies Diseases: Botrytis, Rhizoctonia, Pythium

## Finishing Key Tips

Daminozide spray of 3,500 to 5,000 ppm 7 to 10 days after transplant promotes branching and controls early stretch. As an optional treatment, flurprimidol (Topflor) can be used in place of paclobutrazol at 2/3 the rate of paclobutrazol. Can be grown as low as 50°F (10°C). Crop timing is related to average temperature when grown under proper daylength. Plants will take longer to flower when grown in cooler conditions. Recommended DLI range of 12 to 20 $mol \cdot m^{-2} \cdot d^{-1}$. Burgundy Velour, Navy Velour, Plum Vein and Red Velour are more vigorous within the Easy Wave group. They can take higher rates of paclobutrazol, 1 to 2 ppm more. All Easy Wave varieties are cold durable with the exception of Rosy Dawn.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures


Berry Velour

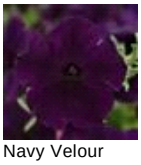

Blue


Burgundy Star


Burgundy Velour


Coral Reef


Lavender Sky Blue


Navy Velour


Neon Rose


Pink


Pink Passion


Pink Pearl


Plum Vein


Red


Red Velour


Rose


Rose Fusion


Rosy Dawn


Silver


Violet


White


Beachcomber Mixture


Formula Mixture


Great Lakes Mixture


Opposites Attract Mixture


Plum Pudding Mixture


South Beach Mixture


Starfish Mixture


The Flag Mixture

PanAmerican Seed Co.
622 Town Road,West Chicago, Illinois, USA, 60185
**+1 800-231-7065 PanAmSeed.com**

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