

## Petunia (Spreading) Tidal Wave® F<sub>1</sub> Series

Annuals Culture (revised 12/13/24)

(*Petunia x hybrida*)

**Big, bold 3D colour!**

Grow Summer sales with this strong finisher. Tidal Wave is the “go-to” for pros and home gardeners looking for fast colour. Hedge, vine or impressive groundcover – Tidal Wave does it all! These fast-fill plants spread out and climb along and over walls and fences. They also make beautiful trellised containers.

**Plug crop time:** 5 to 6 weeks

**Transplant to finish:** Spring 6 to 8 weeks, Summer 4 to 7 weeks

- Largest and most vigorous of the Wave petunia family, Tidal Wave plants provide super-size colour in big spaces, and are suitable for large city baskets and plantings.
- Excellent landscape performer with terrific recovery from rain. Unlike other petunias, Tidal Waves stay together.
- Recommended in Wave branded packaging: 8-in./20-cm pots.

**Height, spread and spacing:** Growth habit is based on how closely plants are placed. The closer the spacing, the taller the plants.

- Spaced a minimum of 12 in./30 cm apart, Tidal Wave petunias form a dense, mounded hedge, 16 to 22 in./41 to 56 cm tall.
- Grown in a restricted space with support, they grow an extra 2 to 3 ft./61 to 91 cm upward, like a vine.
- Spaced up to 24 in./61 cm apart in the garden, the plants make a floriferous groundcover, spreading up to 5 ft./1.5 m across per plant.

### General Information

| Exposure | Bloom Season                             | Height                  | Spread                   | Spacing                 |
|----------|------------------------------------------|-------------------------|--------------------------|-------------------------|
| Sun      | Spring, Late Spring, Summer, Late Summer | 16-22 in.<br>(41-56 cm) | 30-60 in.<br>(76-152 cm) | 12-24 in.<br>(30-61 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                                                                              |
|--------------------|----------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Moisture</b>    | Level 4-5            | Level 3-4                                                                         | Level 2-4                                                                            | Level 2-4                                                                            |
| <b>Temperature</b> | 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)                                                                 |
| <b>Light</b>       | Optional             | 6 mol·m <sup>-2</sup> ·d <sup>-1</sup><br>1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 8-12 mol·m <sup>-2</sup> ·d <sup>-1</sup><br>2,500-4,000 f.c.<br>(26,900-43,100 Lux) | 8-15 mol·m <sup>-2</sup> ·d <sup>-1</sup><br>2,500-5,000 f.c.<br>(26,900-53,800 Lux) |
| <b>Fertiliser</b>  |                      | 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)                                                  |
| <b>PGR</b>         |                      |                                                                                   | 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:

12 hours: Cherry, Hot Pink, Purple, Red Velour, Silver

## Crop Scheduling

| Container Size       | Plugs/Pot | Crop Time   | Season | PGR                          |
|----------------------|-----------|-------------|--------|------------------------------|
| 5"/6"/1 Gallon/15 cm | 1-3 (ppp) | 6-8 (weeks) | Spring | paclobutrazol 5-8 ppm Drench |
| 8"/2 Gallon/20 cm    | 1-3 (ppp) | 6-8 (weeks) | Spring | paclobutrazol 5-8 ppm Drench |
| 5"/6"/1 Gallon/15 cm | 1-3 (ppp) | 4-7 (weeks) | Summer | paclobutrazol 5-8 ppm Drench |
| 8"/2 Gallon/20 cm    | 1-3 (ppp) | 4-7 (weeks) | Summer | paclobutrazol 5-8 ppm Drench |

## Common Problems

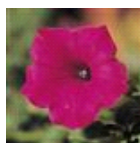
Insects: Thrips, Aphids, Fungus Gnats, Shore Flies Diseases: Botrytis, Rhizoctonia, Pythium

## Finishing Key Tips

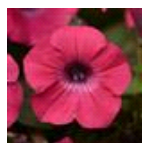
Daminozide spray of 3,500 to 5,000 ppm 7 to 10 days after transplant promotes branching and controls early stretch. An alternative to paclobutrazol drench, flurprimidol (Topflor) can be used at 2/3 the rate of paclobutrazol. Can be grown as low as 50°F (10°C). Crop timing is related to average temperature when grown under proper daylength. Plants will take longer to flower when grown in cooler conditions. Recommended DLI range of 12 to 20 mol·m<sup>-2</sup>·d<sup>-1</sup>. Cold-Durable Varieties: Red Velour, Silver

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



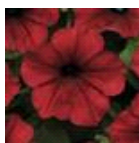
Cherry



Hot Pink



Purple



Red Velour



Silver



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