# GrowerFacts

# Petunia Madness® F<sub>1</sub> Series

(Petunia x hybrida)

Annuals Culture (revised 10/30/24)

Plug crop time: 4 to 5 weeks Transplant to finish: 5 to 6 weeks

#### Available in North America only.

- Home gardeners and pro landscapers across North America know they can count on fantastic flower power...a bounty of vibrant colours... and never-ending shows that last until first frost.
- Exceptional seed quality, plug performance and uniformity across all colours from sow to finish.
- Well-branched, floriferous plants are covered with an abundance of 3-in./8-cm blooms.

#### **General Information**

| Exposure | Bloom Season                             | Height                  | Spread                  | Spacing                |
|----------|--|-------------------------|-------------------------|------------------------|
| Sun      | Spring, Late Spring, Summer, Late Summer | 10-15 in.<br>(25-38 cm) | 10-12 in.<br>(25-30 cm) | 8-10 in.<br>(20-25 cm) |

#### Germination

| Seed Form | Recommended<br>Plug Size | Seeds/Cell | Plug Crop Weeks | Days from 50% to maximum germination | Initial Media<br>pH/EC (1:2)    | Cover Seed |
|-----------|--------------------------|------------|-----------------|--------------------------------------|---------------------------------|------------|
| PEL, RAW  | 288                      | 1          | 4-5             | 3-5                                  | 5.5-5.8 pH<br>0.75-1.0 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)                    | 62-65°F<br>(17-18°C)                    |
| Light       | Light                | 1,000-2,500 f.c.<br>(10,800-26,900 Lux)   | 2,500-4,000 f.c.<br>(26,900-43,100 Lux) | 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<br>Temperature | Target Media<br>pH/EC (1:2) | Fertiliser       | Daylength            |
|---------------------------|-----------------------------|------------------|----------------------|
| (day) 62-70°F (17-21°C)   | 5.5-6.2 pH                  | 100 to 175 ppm N | Facultative Long Day |
| (night) 55-65°F (13-18°C) | 1.0-1.5 mmhos/cm            | (0.7 to 1.2 EC)  |                      |

## **Crop Scheduling**

| Container Size               | Plugs/Pot | Crop Time   | Season | PGR                              |
|------------------------------|-----------|-------------|--------|----------------------------------|
| Cell Pack                    | 1 (ppp)   | 5-6 (weeks) | Spring | daminozide 2,500-5,000 ppm Spray |
| 10" Pot or HB/3 Gallon/25 cm | 3 (ppp)   | 5-7 (weeks) | Spring | daminozide 2,500-5,000 ppm Spray |

#### **Common Problems**

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

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**

