# GrowerFacts

## Begonia Megawatt<sup>™</sup> F<sub>1</sub> Series

#### (Begonia interspecific)

#### MEGAsize + MEGAcolour = MEGAsales!

This fresh, high-energy begonia option has quickly proven itself in the marketplace with great timing benefits and ultimate garden power. These bigger-than-life hybrids offer amazing colour for gardeners.

Look to PanAmerican Seed for your complete interspecific program, starting with fastest-to-market **Hula** and **BabyWing** for day-neutral growing...**Megawatt** for big Spring sales...and main-season **Dragon Wing** to perform all Summer long in gardens and professional landscaping.

#### Plug crop time: 7 to 8 weeks

Transplant to finish: 7 to 9 weeks

- Striking, non-stop flowers keep plants covered in huge colour from Spring through Autumn...even in heat and drought.
- Sturdy flower stems hold flowers above the foliage for superior show versus others.
- · Shows well at retail and perfect for landscapes, baskets, big tubs and borders.

## **General Information**

| Exposure   | Bloom Season                                     | Height                  | Spread                  | Spacing                 |
|------------|--|-------------------------|-------------------------|-------------------------|
| Shade, Sun | Spring, Late Spring, Summer, Late Summer, Autumn | 20-28 in.<br>(51-71 cm) | 16-24 in.<br>(41-61 cm) | 12-16 in.<br>(30-41 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       | 288                      | 1          | 7-8             | 7-21                                 | 5.8-6.2 pH                   | No         |

### **Plug Production**

|             | Stage 1              | Stage 2   | Stage 3   | Stage 4   |
|-------------|----------------------|---|---|---|
| Moisture    | Level 5              | Level 4-5   | Level 3-4   | Level 3   |
| Temperature | 72-77°F<br>(22-25°C) | 72-75°F<br>(22-24°C)                                    | 72-75°F<br>(22-24°C)  | 65-67°F<br>(18-19°C)  |
| Light       | Light                | 6 mol·m²·d⁻¹<br>1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 6-8 mol·m <sup>-2</sup> ·d <sup>-1</sup><br>1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 6-8 mol·m <sup>-2</sup> ·d <sup>-1</sup><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)   |

#### **Propagation Key Tips**

Keep soil moist until the first true leaf develops.

### **Growing on to Finish**

| Growing on<br>Temperature | Target Media<br>pH/EC (1:2) | Fertiliser       | Daylength             |
|---------------------------|-----------------------------|------------------|-----------------------|
| (day) 65-70°F (18-21°C)   | 5.4-6.0 pH                  | 100 to 175 ppm N | Facultative Short Day |
| (night) 60-65°F (16-18°C) | 1.0-1.2 mmhos/cm            | (0.7 to 1.2 EC)  |                       |

Annuals Culture (revised 12/12/24)

## Crop Scheduling

| Container Size               | Plugs/Pot | Crop Time    | Season      | PGR |
|------------------------------|-----------|--------------|-------------|-----|
| 5"/6"/1 Gallon/15 cm         | 1 (ppp)   | 7-9 (weeks)  | Late Spring | -   |
| 5"/6"/1 Gallon/15 cm         | 1 (ppp)   | 7-10 (weeks) | Summer      | -   |
| 12" Pot or HB/5 Gallon/30 cm | 3 (ppp)   | 9-11 (weeks) | Summer      | -   |

#### **Chemical Sensitivity**

Use of Cycocel for plant control can cause phytotoxicity. Use of a tank combination with B-Nine will reduce phytotoxicity.

#### **Finishing Key Tips**

All Megawatt varieties flower faster under daylength of 12 hours or shorter. Longer daylength could delay flowering 4 to 7 days for all Megawatt varieties. If necessary, it is effective to spray paclobutrazol at 2 to 5 ppm, depending on environmental conditions, plant growing stage, and varieties for Megawatt plant size control. Repeat as needed.

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**









N.S.

Pink Bronze Leaf

Pink Green Leaf Leaf

Red Green Leaf

Rose Bronze Leaf Rose Green

Leaf

White Green Leaf



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