

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

(*Begonia interspecific*)

Annuals Culture (revised 03/14/17)

### MEGAsize + MEGAcOLOR = MEGAsales!

Megawatt debuted for 2017 as a fresh, high-energy option in begonias, pushing this must-have class to a whole new level with great timing benefits, a unique colour, ultimate garden power and more. These bigger-than-life hybrids open the door to earlier Spring sales for gardens, planters and baskets.

With this introduction, PanAmerican Seed now offers a complete interspecific program, starting with fastest-to-market BabyWing® for day-neutral growing...Megawatt for big Spring sales...and Dragon Wing® to round out the season.

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

**Transplant to finish:** 7 to 9 weeks

- Striking, non-stop flowers keep plants covered in huge colour all through the Summer.
- Sturdy flower stems hold flowers above the foliage for superior show versus others.
- Bronze Leaf varieties are faster to flower than the Green Leaf varieties in long days.
- Beautiful plants with lush foliage are perfect for landscapes, baskets, big tubs and borders.
- Performs well in heat/drought, with no deadheading needed.

## General Information

Exposure	Bloom Season	Height	Spread	Spacing
Shade, Partial Sun	Spring, Late Spring, Summer, Late Summer, Autumn	20-28 in. (51-71 cm)	16-24 in. (41-61 cm)	12-16 in. (30-41 cm)

## Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
PEL	288	1	7-8	7-10	5.8-6.2 pH 0.5 mmhos/cm	No

## Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 5	Level 4-5	Level 3-4	Level 3
<b>Temperature</b>	72-77°F (22-25°C)	72-75°F (22-24°C)	72-75°F (22-24°C)	65-67°F (18-19°C)
<b>Light</b>	Optional	6 mol·m <sup>-2</sup> ·d <sup>-1</sup> 1,000-2,500 f.c. (10,800-26,900 Lux)	6-8 mol·m <sup>-2</sup> ·d <sup>-1</sup> 1,000-2,500 f.c. (10,800-26,900 Lux)	6-8 mol·m <sup>-2</sup> ·d <sup>-1</sup> 2,500-5,000 f.c. (26,900-53,800 Lux)
<b>Fertilizer</b>	Less than 100 ppm N - Less than 0.7 EC	Less than 100 ppm N - Less than 0.7 EC	100 to 175 ppm N - 0.7 to 1.2 EC	100 to 175 ppm N - 0.7 to 1.2 EC

## Propagation Key Tips

Keep soil moist until the first true leaf develops.

## Growing on to Finish

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

## Crop Scheduling

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Container Size	Plants/Pot	Crop Time	Season	PGR
5'6"/1 Gallon	1 (ppp)	7-9 (weeks)	Late Spring	-
5'6"/1 Gallon	1 (ppp)	7-10 (weeks)	Summer	-
12" Pot or HB/5 Gallon	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.

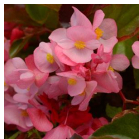
### Finishing Key Tips

All Megawatt varieties flower faster under daylength of 12 hours or shorter. Longer daylength could delay flower timing up to 2-3 weeks for Green leaf varieties but only 4-7 days for Bronze Leaf varieties. If necessary, it is effective to spray paclobutrazol at 2 to 5 ppm dependent on environmental conditions, plant growing stage, and varieties for Megawatt plant size control. Repeat as needed. Megawatt Green Leaf varieties have more vigour than Bronze Leaf varieties. They require slightly heavier growth regulator than Bronze Leaf varieties.

**NOTE:** Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

## Variety Pictures

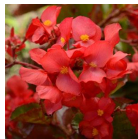
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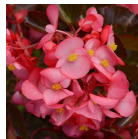
Pink Bronze Leaf



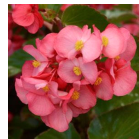
Red Bronze Leaf



Red Green Leaf



Rose Bronze Leaf



Rose Green Leaf

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