

## Begonia BabyWing® F<sub>1</sub> Series

(*Begonia x hybrida*)

Annuals Culture (revised 01/10/18)

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

**Transplant to finish:** 5 to 7 weeks

- BabyWing is not daylength sensitive, so it is the first interspecific begonia to market.
- Upright, mounded, controlled plants stand up to shipping.
- Easy, season-long performance in landscapes and containers.
- Heat tolerant and handles stressful conditions well.

### General Information

| Exposure    | Bloom Season                | Height                  | Spread                  | Spacing                 |
|-------------|-----------------------------|-------------------------|-------------------------|-------------------------|
| Partial Sun | Spring, Late Spring, Summer | 12-15 in.<br>(30-38 cm) | 10-12 in.<br>(25-30 cm) | 10-12 in.<br>(25-30 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<br>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<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)                    |
| <b>Light</b>       | Optional                               | 1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 2,500-5,000 f.c.<br>(26,900-53,800 Lux) |
| <b>Fertilizer</b>  | 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        |

### Fertilizer Notation

Frequent light fertilization is best. Use 20-10-20 at about 50 ppm at Day 8, and 100 ppm at Day 11. Then use every other day until Stage 3. After true leaves emerge, alternate with 15-0-15 until transplant. Always rinse foliage after feeding.

### Propagation Key Tips

Keep moisture high 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)<br>(night) 60-65°F (16-18°C) | 6.0-6.5 pH<br>1.0-1.2 mmhos/cm | 100 to 175 ppm N - 0.7 to 1.2 EC | Day Neutral |

## Crop Scheduling

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| Container Size         | Plugs/Pot | Crop Time   | Season | PGR |
|------------------------|-----------|-------------|--------|-----|
| 4"/4.5"/Quart          | 1 (ppp)   | 6-8 (weeks) | Spring | -   |
| 5"/6"/1 Gallon         | 1-2 (ppp) | 6-8 (weeks) | Spring | -   |
| 12" Pot or HB/5 Gallon | 3-4 (ppp) | 6-8 (weeks) | Spring | -   |

### Fertilizer Notation

Fertilize every other irrigation with 15-0-15, alternating with 20-10-20 at 150 ppm N.

### Chemical Sensitivity

BabyWing is very responsive to Bonzi and Sumagic. Avoid overspray from neighboring plants. Use of Cycocel for plant control can cause phytotoxicity. Use of a tank combination with B-Nine will reduce phytotoxicity.

### Common Problems

Insects: Fungus Gnats, Shore Flies

### Finishing Key Tips

After transplant, if necessary, a very light spray of a tank mix of Cycocel 300 ppm and B-Nine 2,500 ppm can be used.

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

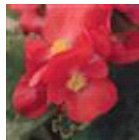
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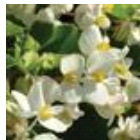
Bicolor



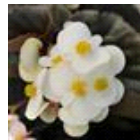
Pink



Red



White



White Bronze  
Leaf



Mixture

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