# GrowerFacts

PanAmerican Seed®

## Impatiens Beacon® $F_1$ Series

*(Impatiens walleriana)*

Annuals Culture (revised 12/12/24)

**Better colour for bolder displays**

Beacon announces **NEW Pink,** a vibrant colour to light up the shade, plus improved varieties, **NEW Orange Improved** and **NEW Violet Improved**. The popular series is trialed and approved to grow well and look vibrant in the shade and offers **high resistance** to the widely prevalent populations of *Plasmopara destructor*, the cause of Impatiens downy mildew. Beacon Impatiens are suitable for packs, pots, hanging baskets and in-ground beds. Visit ***beaconimpatiens.com*** for more details on the Beacon story.

**Plug crop time:** 4 to 5 weeks
**Transplant to finish:** 3 to 4 weeks

- Exhibits high resistance to the widely prevalent populations of *Plasmopara destructor*, which cause Impatiens downy mildew (IDM).
- Brings back into production a well-known, in-demand, easy-to-grow and versatile product for increased sales.
- Extensive trialing has proven that Beacon impatiens provides genetic high resistance to IDM. Beacon is not immune to IDM; there are scenarios where preventative IDM fungicides may be recommended.
- Easy to incorporate into production planning.
- Fast-filling, season-long colour for gardens and landscapes.

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Shade, Partial Sun | Spring, Late Spring, Summer, Late Summer | 14-18 in.<br>(36-46 cm) | 12-14 in.<br>(30-36 cm) | 8-10 in.<br>(20-25 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 |
|---|---|---|---|---|---|---|
| COT | 288 | 1 | 4-5 | 3-6 | 6.0-6.2 pH<br>0.5-0.75 mmhos/cm | No |

## Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|---|---|---|---|---|
| **Moisture** | Level 4-5 | Level 2-4 | Level 2-3 | Level 2-3 |
| **Temperature** | 68-77°F<br>(20-25°C) | 64-73°F<br>(18-23°C) | 65-68°F<br>(18-20°C) | 62-65°F<br>(17-18°C) |
| **Light** | Light | 450-700 f.c.<br>(4,800-7,500 Lux) | 450-700 f.c.<br>(4,800-7,500 Lux) | 450-700 f.c.<br>(4,800-7,500 Lux) |
| **Fertiliser** | | Less than 100 ppm N<br>(Less than 0.7 EC) | Less than 100 ppm N<br>(Less than 0.7 EC) | Less than 100 ppm N<br>(Less than 0.7 EC) |

### Propagation Key Tips

Do not cover seed. Beacon White is slightly slower in stages 1 and 2 than other Beacon colours.

## Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertiliser | Daylength |
|---|---|---|---|
| **(day)** 70-75°F (21-24°C)<br>**(night)** 62-68°F (17-20°C) | 6.2-6.5 pH<br>0.75-1.0 mmhos/cm | Less than 100 ppm N<br>(Less than 0.7 EC) | Day Neutral |

## Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---|---|---|---|---|
| Cell Pack | 1 (ppp) | 3-4 (weeks) | Spring | - |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 4-5 (weeks) | Spring | - |
| 10" Pot or HB/3 Gallon/25 cm | 3-5 (ppp) | 8-10 (weeks) | Spring | - |

### Finishing Key Tips

Impatiens will respond to daminozide, paclobutrazol and uniconazol. Monitoring of water and fertilisation can help with controlling plant growth and vigour.

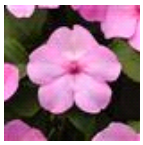
NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility 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


Blue Pearl


Bright Red


Coral


Light Pink


Lipstick


Orange Improved


Pink


Rose


Salmon


Violet Improved


White


Cape Pine Mixture


Chicago Mixture Improved


De Ven Mixture


Formula Mixture Improved


Lindau Mixture Improved


Otway Mixture


Pearl Island Mixture


Portland Mixture Improved


Sanibel Mixture Improved

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