GrowerFacts

Impatiens Beacon® F₁ Series

(Impatiens walleriana)

Annuals Culture (revised 12/12/24)

Beacon strength in bright new colours

Beacon announces two new colours to light up the shade. **NEW Blue Pearl** and **NEW Light Pink** have been trialed and approved to grow well and look vibrant in the shade, and they offer **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. (36-46 cm) | 12-14 in. (30-36 cm) | 8-10 in. (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 |
|-----------|--------------------------|------------|-----------------|--------------------------------------|---------------------------------|------------|
| СОТ | 288 | 1 | 4-5 | 3-6 | 6.0-6.2 pH 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 (20-25°C) | 64-73°F (18-23°C) | 65-68°F (18-20°C) | 62-65°F (17-18°C) |
| Light | Light | 450-700 f.c. (4,800-7,500 Lux) | 450-700 f.c. (4,800-7,500 Lux) | 450-700 f.c. (4,800-7,500 Lux) |
| Fertiliser | | Less than 100 ppm N (Less than 0.7 EC) | Less than 100 ppm N (Less than 0.7 EC) | Less than 100 ppm N (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) | 6.2-6.5 pH | Less than 100 ppm N | Day Neutral |
| (night) 62-68°F (17-20°C) | 0.75-1.0 mmhos/cm | (Less than 0.7 EC) | |

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

