

Impatiens Beacon® F₁ Series

(*Impatiens walleriana*)

Annuals Culture (revised 02/15/23)

Shine more light on colour for the shade with NEW lighthouse mixes

We're introducing **NEW 3-colour Beacon mixes** named after well-known lighthouses in locations where Impatiens downy mildew has been a significant problem. These have been trialed and approved to **grow well together** 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. All three mixes are suitable for packs, pots, hanging baskets and in-ground beds.

Beacon Impatiens will continue to help "shine the light" on lesser-known diseases by **supporting a different charitable organisation** each year with a percentage of sales. Visit beaconimpatiens.com for more details.

Plug crop time: 4 to 5 weeks

Transplant to finish: 3 to 4 weeks

- Beacon impatiens exhibits high resistance to the widely prevalent populations of *Plasmopara destructor*, which cause Impatiens downy mildew (IDM).
- Beacon impatiens offers the opportunity to bring 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.
- Beacon impatiens is 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 |
|-----------|-----------------------|------------|-----------------|--------------------------------------|---------------------------------|------------|
| COT | 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) |
| Fertilizer | | 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) | Fertilizer | Daylength |
|--|---------------------------------|---|-------------|
| (day) 70-75°F (21-24°C) (night) 62-68°F (17-20°C) | 6.2-6.5 pH 0.75-1.0 mmhos/cm | Less than 100 ppm N (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 fertilization 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



Bright Red



Coral



Lipstick



Orange



Rose



Salmon



Violet Shades



White



Formula
Mixture
Improved



Lindau Mixture



Pearl Island
Mixture



Portland
Mixture



Red White
Mixture



Sanibel Mixture

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