

## Impatiens Beacon® F<sub>1</sub> Series

(*Impatiens walleriana*)

Annuals Culture (revised 11/06/23)

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

Along with an improved core colour, we're introducing two **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. These mixes are suitable for packs, pots, hanging baskets and in-ground beds. Visit [beaconimpatiens.com](http://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).
- 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.
- 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
<b>Moisture</b>	Level 4-5	Level 2-4	Level 2-3	Level 2-3
<b>Temperature</b>	68-77°F (20-25°C)	64-73°F (18-23°C)	65-68°F (18-20°C)	62-65°F (17-18°C)
<b>Light</b>	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)
<b>Fertiliser</b>		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) (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

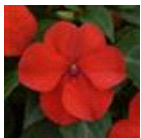
Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	3-4 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1 (ppp)	4-5 (weeks)	Spring	-
10" Pot or HB/3 Gallon/25 cm	3-5 (ppp)	8-10 (weeks)	Spring	-

### Finishing Key Tips

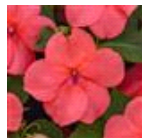
Impatiens will respond to daminozide, paclobutrazol and uniconazole. Monitoring of water and fertilisation can help with controlling plant growth and vigour.

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.

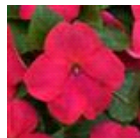
## Variety Pictures



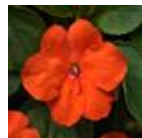
Bright Red



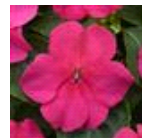
Coral Improved



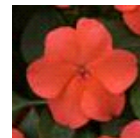
Lipstick



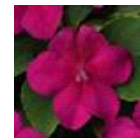
Orange



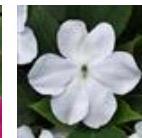
Rose



Salmon



Violet Shades



White



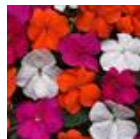
Cape Pine Mixture



Chicago Mixture



Formula Mixture Improved



Lindau Mixture



Pearl Island Mixture



Portland Mixture



Sanibel Mixture



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