

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

(*Impatiens walleriana*)

Annuals Culture (revised 01/12/21)

### 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 currently known and widely prevalent populations of *Plasmopara destructor* (the rename of *P. obduscens*), 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](http://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 currently known and 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.
- With a plant structure, flowering time, flower size and crop culture that is similar to Super Elfin, 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
Partial Sun, Shade	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	4-6	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>Fertilizer</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)	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 uniconazole. 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.

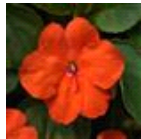
## Variety Pictures



Bright Red



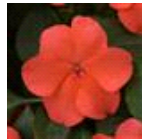
Coral



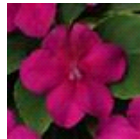
Orange



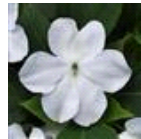
Rose



Salmon



Violet Shades



White



Formula Mixture



Lindau Mixture



Portland Mixture



Red White Mixture



Sanibel Mixture

PanAmericanSeed™

PanAmerican Seed Co.  
622 Town Road, West Chicago, Illinois, USA, 60185-2698  
630 231-1400 Fax: 630 231-3609 PanAmSeed.com

™ denotes a trademark of and © denotes a registered trademark of Ball Horticultural Company in the US. It may also be registered in other countries.  
©2021 Ball Horticultural Company