GrowerFacts

PanAmerican Seed®

Impatiens Beacon® F$_1$ Series

(Impatiens walleriana)

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. (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)
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) **(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 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

Formula Mixture Improved

Lindau Mixture Improved

Otway Mixture

Pearl Island Mixture

Portland Mixture Improved

Sanibel Mixture Improved