

Impatiens Beacon[®] F₁ Series

(*Impatiens walleriana*)

Annuals Culture (revised 02/15/23)

Hot New Colours Join the Disease-Resistant Series

Announcing a popular colour addition for the Beacon Series, **NEW Lipstick**, along with bold **NEW Pearl Island Mixture**, a 3-colour mix named after a well-known lighthouse in Nova Scotia, Canada, where Impatiens downy mildew has been a significant problem. This mix joins the three mixes introduced in 2023, expanding the versatile series with **high resistance** to the widely prevalent populations of *Plasmopara destructor*, the cause of Impatiens downy mildew. These impatiens 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

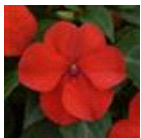
Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	3-4 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1 (ppp)	4-5 (weeks)	Spring	-
10" Pot or HB/3 Gallon/25 cm	3-5 (ppp)	8-10 (weeks)	Spring	-

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.

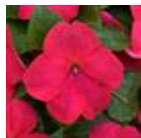
Variety Pictures



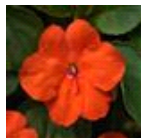
Bright Red



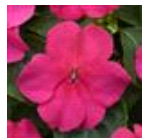
Coral



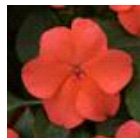
Lipstick



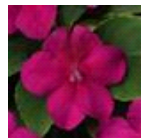
Orange



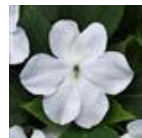
Rose



Salmon



Violet Shades



White



Cape Pine
Mixture



Formula
Mixture
Improved



Lindau Mixture



Pearl Island
Mixture



Portland
Mixture



Sanibel Mixture

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