GROWS STRONGER, SHINES LONGER

GET READY TO SHINE THE LIGHT ON COLOR IN THE SHADE!
BRING BACK IMPATIENS WALLERIANA...

Beacon® Impatiens has high resistance to Impatiens downy mildew, so it stays healthy and in color.

For growers and landscapers, there will be no costly middle-of-the-season replacements with Beacon Impatiens.

...WITHOUT THE RISK OF DISEASE!

Grow Impatiens successfully without preventative Impatiens downy mildew fungicide applications.

Home gardeners can rely on Beacon Impatiens for season-long performance and fast fill in gardens.

Beacon® Impatiens from PanAmerican Seed®
BEACON CARES

**beacon** noun
bea·con /ˈbeken/
a source of light and inspiration

Beacon Impatiens offers high resistance to the currently known and widely prevalent populations of *Plasmopara obducens*, which cause Impatiens downy mildew, offering the opportunity to bring back into production a well-known, in-demand, easy-to-grow and versatile product for gardens and landscapes.

And, in the spirit of bringing light – and happiness! – to gardens everywhere, **PanAmerican Seed will donate a portion of the 2021 global seed sales of Beacon Impatiens to the Canadian Pulmonary Fibrosis Foundation and the Dutch Association of Pulmonary Fibrosis Patients, Pendersfonds.**

The goal of Beacon has been to highlight lesser-known charities that do research eventually benefiting all sufferers of a particular disease.

Pulmonary Fibrosis is a disease that scars and stiffens the lungs, making it increasingly difficult to breathe and accomplish daily tasks. These two organizations work to support people living with the disease, as well as provide education, information, advocacy and support to ensure access to quality health care. The organizations also invest in research to offer the hope of new and improved treatments and an eventual cure.

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A COLORFUL SELECTION

With 7 colors and 2 mixes, Beacon Impatiens brings vibrant, long-lasting color to shade gardens and landscapes.

To find out how you can help, visit [cpff.ca](http://cpff.ca) or [longfibrose.nl](http://longfibrose.nl)
In our extensive trials process, young Beacon Impatiens plants were challenged with aerial inoculation of Plasmopara obducens sporangia under high disease pressure in environmentally controlled conditions. Resistance screens were conducted in Venhuizen, Netherlands and Elburn, Illinois greenhouses and in the Ball Helix laboratory in West Chicago, Illinois. All hybrids were screened a minimum of 16 times. The results showed a high correlation between the greenhouse/lab screens and field screens. Without any use of chemicals, Beacon Impatiens showed high resistance to Impatiens downy mildew in all of these trials.

**GREENHOUSE DEMONSTRATIONS**

4 weeks after inoculation
Beacon® is thriving, Venhuizen, NL, Week 9, 2018

CONTAINER DEMONSTRATIONS

9 weeks after transplant
Beacon® is thriving, Venhuizen, NL, Week 35, 2018

**LANDSCAPE/FIELD DEMONSTRATIONS NATURAL INFECTION**

7 weeks after transplant
Beacon® is thriving, Elburn, IL, Week 32, 2018

11 weeks after transplant
Beacon® is thriving, Venhuizen, NL, Week 36, 2018

**CROP SCHEDULING**

Visit panaseed.com for current Terms & Conditions of Sale.

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**IMPATIENS**

Impatiens walleriana

Beacon® Series F:

Beacon is easy to include in your current production, as it offers similar plant structure, flowering time, flower size and crop culture to Super Elfin® Impatiens. Below are the general greenhouse guidelines to bring Impatiens back without the risk of disease.

**PLUG CULTURE**

Beacon Impatiens is offered in coated seed form. Sow 1 seed per cell in a recommended 288 plug size. It germinates at 68-77°F (20-25°C) and takes 3-5 days; do not cover the seed.

Light is optional using 450-700 f.c. Maintain the media pH at 6.0-6.2 and EC of 0.75-1.0 mmhos/cm during plug production. Keep moisture high at Level 4-5.

During Stage 2, provide moisture levels at 2-4 with temperatures at 64-73°F (18-23°C). Set light at 450-700 f.c. (4,800-7,500 Lux). Apply fertilizer less than 100 ppm N, less than 0.7 EC. Temperatures drop to 68-70°F (20-21°C) during Stage 3, with light and fertilizer regimens maintained the same as Stage 2. Set moisture at Level 2-3.

In Stage 4, keep moisture at Level 2-3 and lower temperatures again to 62-65°F (17-18°C). Light and fertilizer is the same as Stage 2 and 3.

**PGR**

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

**GET YOUR DISEASE-RESISTANT IMPATIENS WITH COLOR THAT LASTS.**

Order Beacon Impatiens seed and plugs from your preferred distributor today.
Bring *Impatiens walleriana* back into production without the risk of disease!

Call out Beacon Impatiens by name with tags, bench cards, posters and pack handles. Visit [panamseed.com/retail-support.aspx](http://panamseed.com/retail-support.aspx) for ordering information.