

ANNUAL
PROPAGATION

NEW GUINEA IMPATIENS ROLLER COASTER

Impatiens hawkeri



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	No
Tray Size	50, 72, 84, 105
Plants Per Cell	1
Days In Mist	5-6
Wks. From Stick To Transplant	4
Propagation Pinch?	No
Weeks To Pinch	N/A

FERTILITY

Fertilize Through Mist?	None
Fertilizer Rate	50-100ppm N
EC Range	Low: (0.8-2.0 mS via SME)
pH Range	5.6-6.2

TEMPERATURE

Average Soil Temp	70-75°F (21-24°C)
Average Air Temp (Day)	70-75°F (21-24°C)
Average Air Temp(Night)	65-68°F (18-20°C)

IRRIGATION

Irrigation Frequency	Level 4: Keep media moderately moist at all times
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LIGHT

Daylength Neutral?	Yes
Supplemental	None
Benefits From Shade?	Yes

POTENTIAL DISEASES

Pythium, Rhizoctonia, Powdery Mildew

POTENTIAL PESTS

Fungus Gnats, Mites, Shore Flies

PGR SUGGESTIONS

- Florel (3.9% Ethephon) 125-300ppm 5 days after stick



TIPS

- Avoid excessive mist to control stretch.
- Water stress in propagation can delay flowering and compromise the overall quality of the liner; maintain even moisture in propagation.

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FINISHING

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CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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4 in. (10 cm)	1	7-9
6 in. (15 cm)	1	8-10
8 in. (19 cm)	2	9-11

FERTILITY

Fertilizer Rate	100-150 ppm N
EC Range	Low: (0.8-2.0 mS via SME)
pH Range	5.6-6.2

TEMPERATURE

Day Temperature	65-73°F (18-23°C)
Night Temperature	68-75°F (20-24°C)

IRRIGATION

Irrigation Frequency	Level 3: Keep media moderately moist with mild dry cycles
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LIGHT

Daylength Neutral?	Yes
Optimum Light Level	4,000-8,000 fc (43,100-86,100 lux)
Supplemental	None
Benefits From Shade?	No

PINCHING

Finishing Pinch?	No
Transplant to Pinch (days)	N/A

POTENTIAL DISEASES

Pythium, Rhizoctonia, Powdery Mildew

POTENTIAL PESTS

Fungus Gnats, Mites, Shore Flies

PGR SUGGESTIONS

- NGIs do not require PGR applications with good growing conditions. Plant height is best controlled with a negative DIF or morning DIP when needed to keep plants compact.



'Red Racer'

TIPS

- Avoid late Bonzi (0.4% Paclobutrazol) drenches.
- High light, controlled water stress, and moderate-high air temperatures can help supplement the use of PGRs.
- Good soil aeration is important for preventing root rot type diseases. Use soil mixes that have a high porosity. This can be accomplished with aggregate content at 30-40% of the mix.
- Pinching is not recommended in the finishing phase of production. Pinching will remove the center bud and add 3-4 weeks to the crop cycle.

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FEATURES AND BENEFITS

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KEY INFORMATION

Primary Common Name	New Guinea Impatiens
Consumer Watering Instructions	Keep soil evenly moist, but not saturated.
Bloom Time	Blooms Spring to Autumn
Exposure	Part Shade to Full Shade
Height	8-16 inches (20-41 cm)
Garden Spacing	12-16 inches (30-41 cm)

DESCRIPTION

Rollercoaster is a unique New Guinea Impatiens series that boast large flowers with double petals and a ruffled margin. These flowers create a three-dimensional effect in the garden.



'Tangy Taffy'

CONSUMER APPEAL

- Loads of color throughout the growing season.
- A proven performer with a profuse flower set.

GARDEN ATTRIBUTES

- Great uniform series perfect for mass-plantings or focal-point accents.
- Inject a dose of tropical pizzazz into the garden with these New Guinea Impatiens. Works well with other Dümmen Orange annuals that appreciate even moisture.
- Can be overwintered through zones 10-12.

NATIVITY

Of hybrid origin: parental lineages native to Papua New Guinea and the Solomon Islands.



'Hot Pink'

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