

ANNUAL  
PROPAGATION

# NEW GUINEA IMPATIENS MAGNUM

*Impatiens hawkeri*



## TRAY & ROOTING

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

## FERTILITY

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

## TEMPERATURE

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

## IRRIGATION

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Irrigation Frequency | <b>Level 4: Keep media moderately moist at all times</b> |
|----------------------|----------------------------------------------------------|

## LIGHT

|                      |             |
|----------------------|-------------|
| Daylength Neutral?   | <b>Yes</b>  |
| Supplemental         | <b>None</b> |
| Benefits From Shade? | <b>Yes</b>  |

## POTENTIAL DISEASES

Pythium, Rhizoctonia, Powdery Mildew

## POTENTIAL PESTS

Fungus Gnats, Mites, Shore Flies

## PGR SUGGESTIONS

- Florel (3.9% Ethephon) 125-300ppm on day 5.



'Fire'

## 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

# NEW GUINEA IMPATIENS MAGNUM

*Impatiens hawkeri*



| CONTAINER SIZE | PLANTS PER POT | TRANSPLANT TO FINISH (WEEKS) |
|----------------|----------------|------------------------------|
|----------------|----------------|------------------------------|

**4 in. (10 cm)**      **1**      **8-9**

**6 in. (15 cm)**      **1**      **8-9**

**8 in. (19 cm)**      **2**      **8-9**

## 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**

## 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.



Wild Salmon

## 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

Uniform series with extra-large flowers and exceptional garden performance featuring a broad array of bright, attractive colors.

### 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.



Clear Pink



Red Flame

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