

ANNUAL  
PROPAGATION

# NG 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: (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>
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## 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 5 days after stick

## CULTIVAR LIST

Blue, Bright Purple, Clear Pink, Clear White, Fire, Hot Pink, Lavender Splash, Light lavender, Magenta, Orange, Pink, Purple, Red, Red Flame, Salmon, White Blush, Wild Salmon, Lavender, White 2020



## 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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ANNUAL  
FINISHING  
**NG IMPATIENS MAGNUM**

*Impatiens hawkeri*



'Salmon'

**CONTAINER SIZE**      **PLANTS PER POT**      **TRANSPLANT TO FINISH (WEEKS)**

<b>4 in. (10 cm)</b>	<b>1</b>	<b>7-9</b>
<b>6 in. (15 cm)</b>	<b>1</b>	<b>8-10</b>
<b>8 in. (19 cm)</b>	<b>2</b>	<b>9-11</b>

**FERTILITY**

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

**TEMPERATURE**

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

**IRRIGATION**

Irrigation Frequency	<b>Level 3: Keep media moderately moist with mild dry cycles</b>
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**LIGHT**

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

**PINCHING**

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

**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.

**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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ANNUAL  
FEATURES AND BENEFITS  
**NEW GUINEA IMPATIENS MAGNUM**

*Impatiens hawkeri*



KEY INFORMATION

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

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 Dümme 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.



'Fire'



'Lavender Splash'

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