

ANNUAL  
PROPAGATION

# NG IMPATIENS PETTICOAT

*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

Aubergine, Cherry Blossom, Dark Red, Fire 2022, Lavender, Lilac, Mango Swirl, Orange Orchid, Orange Swirl, Neon Night, Pink, Pink Berry Pie 2024, Pink Charme, Pink Punch, Purple, Salmon Night, True Red, White, Blue Star, Cherry Star, Orange Star, Purple Star, Red Star 2024



## 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.

## WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com  
614-850-9551  
[DummenOrange.com](http://DummenOrange.com)

ANNUAL  
FINISHING  
**NG IMPATIENS PETTICOAT**

*Impatiens hawkeri*



'Mango Swirl'

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

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