

# Java Series New Guinea Impatiens

*Seed-Grown Series Delivers Super Performance!*

■ Easy-to-grow **Java** New Guinea impatiens *jump* with **85%+ Yield Potential** – you’ll know how many plugs will be made from the seeds you sow!

■ **Seed-propagated Java** New Guinea impatiens deliver superb performance in all aspects of production.

■ **Quick crop time** from plugs with a **lower input cost than cuttings** makes **Java** New Guinea impatiens profitable for the finisher.

■ Growing **Java** New Guinea impatiens from seed makes **plugs compatible with mechanical transplanting**.

■ **Java** New Guinea impatiens have a **one-week flowering window** across the entire series.

■ These exceptionally good performers are compact and uniform, with **superior branching** that produces masses of flowers.

■ **Java** New Guinea impatiens are an ideal choice for production in **Jumbo packs, 1801 flats and 4-in. (10-cm.) pots**.

■ Want to sample all the **Java** colors? **Java Mix** New Guinea impatiens are the choice for you!

■ Give **Java** New Guinea impatiens that extra sales “push” with **colorful tags and benchcards**. Call MasterTag at 800 253-0439 to order yours.

*I. hawkerii*

**Approximate seed count:** 17,000 S./oz. (600 S./g.)

## Germination

Seed may be germinated either on the bench or in a germination chamber.

## Plug Tray Size

The recommended plug sizes for **Java** New Guinea impatiens are 400-cell (384, 392, 406) to 288-cell.

## Temperature

72 to 78°F (22 to 25°C). Optimum germination temperature is 78°F (25°C).

## Humidity

Maintain 100% relative humidity throughout germination. Cover seed lightly with coarse vermiculite to maintain high humidity.

## Light

Light appears to improve germination.

## Plug Production

### Temperature

Keep air temperature at 70 to 75°F (21 to 24°C) and soil temperature at 70°F (21°C) from germination to transplant.

### Light

Supplemental lighting is not required, but will decrease total crop time.

### Fertilizer

Feed from Stage 2 on with 150 ppm N complete fertilizer, 1 to 2 times per week.

### Irrigation

Avoid wilting – New Guinea impatiens cannot tolerate wilt as regular impatiens can.

### Plant Growth Regulators

PGRs are not needed in the plug stage for **Java** New Guinea impatiens.

### Transplanting

Plugs are ready to transplant when “pullable” from the plug tray. Do not allow plugs to get root bound.

## Growing On to Finish

### Container Size

**Java** New Guinea impatiens are best suited to 1801 flats, 4-in. (10-cm.) pots and Jumbo 6-packs.

### Temperature

Maintain air temperature at 65 to 80°F (18 to 26°C) from transplant to sale.

### Fertilizer

**Java** New Guinea impatiens are heavier feeders than vegetatively propagated varieties. If fed lightly like vegetative varieties, **Java** plants will grow very slowly and not branch well. Feed plants weekly starting 10 days to 2 weeks after transplant, using 200 to 300 ppm N in a complete fertilizer. Maintain salt levels below 2.0 E.C. – make sure irrigations are thorough to prevent high salt levels.

### **Pinching**

**Java** New Guinea impatiens have a naturally superior branching habit and do not need pinching. Pinching will only increase the crop time.

### **Plant Growth Regulators**

Bonzi spray at a rate of 2 to 5 ppm has been tested and shown effective in the PanAmerican Seed Co. research facility in Elburn, Illinois. Apply PGRs when plants begin to touch, especially when grown pot-tight. To determine the best rate for your conditions, we recommend that you run an in-house trial.

### **Common Problems**

No major disease problems will arise if using good cultural and IPM practices. Thrips are the most common insect pest.

### **Crop Scheduling**

**Germination:** 7 to 10 days

**Finish time for 406 plugs:** 5 to 6 weeks

**Transplant to flower:** 7 to 8 weeks

**Total crop time:** 12 to 13 weeks

### **In the Garden**

Home gardeners will see best results when they plant

**Java** New Guinea impatiens in a partially to fully shaded location. Space plants 10 in. (25 cm) apart in the garden. **Java** New Guinea impatiens also work well in baskets, containers and patio planters. Water well when planted in partially shaded locations.

# PanAmericanSeed

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