



New Guinea Impatiens - Harmony® - Culture Description



FAMILY: Balsaminaceae

ORIGIN: Asia and Africa.

SEASON: Spring, summer, autumn. In moderate climates, winter as well.

USDA HARDINESS: 10-11

ROOTING: 2-3 weeks at temperatures of 72-75°F (22-24°C), root in light peat medium.

PLANTING: For 4" (10 cm) pot, use 1 plant per pot. Ready for sales within 8-10 weeks.

For 6" (15 cm) pot, use 1-2 plants per pot. Ready in 10-12 weeks. For 10" (25 cm) hanging baskets or pots use 3 - 4 plants. Ready in 12-14 weeks.

PINCHING: Not necessary.

LIGHT INTENSITY: Partial shade. N.G.I responds to assimilation lighting by enhancing development and flowering. When natural light intensity is less than 4000-5000 fc/40,000-50,000 LUX, it is essential to add artificial light of 3000-4000 fc/30,000-40,000 LUX, for 14-18 hours a day. Lighting should be given 2-3 weeks after planting. Shading may be required if irradiance levels exceed 5000 fc/50000 Lux (late spring).

TEMPERATURE: Day 64-70°F (18-21°C), Night 60-70°F (16-21°C). Stem elongation is caused due to high temperatures and the opposite is achieved in low temperatures.

FERTILIZATION: Low levels for the first four weeks. Moderate levels for remaining crop cycle when roots reach the sides of the pot, fertilize up to a level of 150-200 ppm N, 80 ppm P, 150 ppm K. Ensure proper runoff to prevent salt accumulation because of sensitivity to high salt levels.

IRRIGATION: Keep well watered. Avoid over-watering. Drip irrigation is recommended.

MEDIUM: Use a well-drained disease-free mix. pH: 5.8 - 6.2, EC: 0.5-0.7

GROWTH REGULATORS: Not required.

DISEASES & PEST CONTROL: Insects: Spider Mites, Thrips, and Diseases: Botrytis and Myrothecium. Maintain moderate humidity levels and good air circulation as a preventative. Drench with a broad-spectrum fungicide at liner planting.

The cultural instructions presented here should be regarded as general guide lines. It is advised to make necessary adjustments when growing in different climatic conditions and agricultural practices. Danziger – "Dan" Flower Farm is not responsible for any damage caused by implementation of the recommendations.

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