

CULTURE ADVICE

Neu-Guinea-Impatiens

Description:	Our new NGI series Impacio® is one of our own breeding results. It is especially suitable for cultivation in the open but can of course also be used indoors. This series supplements our wide bed and balcony plant spectrum. Impatiens can be produced and sold all year long.
Potting:	11/12 cm pots; the potting time depends on the desired selling time. Winter cultivation: 10 to 12 weeks before the planned flowering time. Summer cultivation: 8 to 10 weeks before the planned flowering time.
Substrate:	Conventional, slightly fertilized (0.5 - 1.5 kg/m ³) substrates of type 1. Excessive fertilization of the substrate may result in damage to roots and growth disturbances!
Fertilization:	NGI are weakly consumptive and sensitive to salt. No post-fertilization 3 to 4 weeks after potting; then liquid application of a well-balanced multi-nutrient fertilizer (0.1 - 0.2 %) once a week. The use of long-time fertilizer is possible but not recommended. Potassium-accentuated fertilization during the last cultivation weeks improves flower formation.
Temperature:	Start with a temperature of 18 to 20 °C (approx. 2 weeks), lower temperature to 18 °C after rooting. Temperatures below 16 °C inhibit the growth; moreover, the leaves turn red, and a longer cultivation time is needed. Dropping the temperature to 14 to 16 °C is recommended only shortly before sale.
Light:	Shade as from approx. 55 klx. In case of winter cultivation, the use of assimilation light serves the improvement of the quality and the controlling of growth to ensure the planned selling time is adhered to.
Flowering:	Starts at end of April depending on light conditions (if no extra light is used).
Growth regulators:	Growth regulation is not necessary.
Pinching:	Pinching/lopping is not necessary.
Diseases:	Botrytis, Phytium, leaf blotch diseases, spider and soft-bodied mites; thrips

Water balance is of importance; the plants must not stand too wet, danger of botrytis, damage to roots and irregular plant build-up are the consequences.

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