

# Impatiens New Guinea Clockwork

- **Ball-shaped habit – great in patio containers**
- **High Downy Mildew tolerance**
- **Thrives in sun or part shade**
- **Clock Work back quickly from a dry down**
- **Easy to grow and packed with colour**
- **Continuous flower until first frosts**
- **Height 50-75cm, spread 50-90cm**

## Media

Use a soilless medium with good aeration, drainage and water-holding capacity, and a pH of 6.2 to 6.4.

## Temperature

- Start at 20°C to 23°C.
- In about 3 weeks, temperature may go down to about 20°C-24°C Day and 16°C-18°C Nights

## Light

- Clock Work Impatiens is day length neutral.
- Plants grow best under moderate light intensity. Plants will stretch at low light intensities.

## Watering

- Allow plants to dry slightly between watering's in the first half of the crop cycle. Do not allow the plants to wilt during this period, as finished quality will be reduced.
- As the crop matures and begins to bud up and flower, avoid water stress entirely and remember that the crop will need more frequent irrigation.
- Excessive water stress will cause leaf edge damage as well as bud and flower drop.

## Pot size

## Crop time

A 13cm pot will flower in about 6 - 8 weeks. For larger pot sizes you should start earlier, and the crop time will be about 10 - 12 weeks from a Ball 84 plug.

## Fertiliser

- Maintain constant and a balanced fertilisation.
- Leach pots periodically with clear water to avoid build-up of salts.
- Excessive phosphorous and ammoniacal nitrogen will cause unwanted vegetative growth and delay flowering.

## Pinching

- Clock Work Impatiens are naturally self-branching and **do not require pinching**.

## Controlling growth

- Grow plants with adequate light and space.
- Clock Work Impatiens are sensitive to low pH, stunting and distortion and leaf spots will occur if the pH is low.
- Low pH may result in Iron and Manganese toxicity

## Common problems

**Insects:** Thrip, Mites, Aphids.

**Diseases:** Impatiens Necrotic Spot Virus (INSV), Botrytis

All Clock Work cuttings are derived from culture and virus-indexed stock plants.

## Special Tips

Clock Work should be grown like any other Impatiens. The rebound from wilt is a garden feature and not a cultural practice for production.

Problems	Causes
<b>Plants collapse</b>	Stem canker ( <i>Botrytis</i> ) Plants grown in saturated soil for extended period of time ( <i>Pythium</i> )
<b>Excessive vegetative growth, lack of flowers</b>	Over fertilisation under low light conditions Low light and over watering; wet media Excess or late PGR application
<b>Foliage necrosis, leaf spot</b>	Drying out between watering's Excess minor nutrient levels in media
<b>Poor branching, thin plants</b>	Low fertilisation in early stages of crop

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