

# Clarkia amoena nana Satin



# SAKATA®

Satin is a very compact Godetia, ideal for patio and balcony pots, or as a bedding plant in cool, dry conditions.

- \* Uniform plant habit, early flowering
- \* Good basal branching
- \* Responds well to PGRs
- \* Outstanding performer for 12-15 cm pot production
- \* Produces a mass of large flowers in attractive pastel shades
- \* Sold as a mix



Annual



Bedding + landscaping



Upright



30 cm



20 cm



Bedding Plant



Half shade + full sun



1,300/gram



Normal



12-15 cm



## Culture Guide

### Plug Culture

- Stage 1** (days 1-10) Single sow seed into a plug tray filed with a sterile and well-drained media. Lightly cover with coarse vermiculite as seed requires light to germinate. Provide a soil temperature of 25°C.
- Stage 2** (days 8-21) When green appears in the plug tray, move to a cool, bright and well-ventilated greenhouse. Supplemental lighting can benefit the plug and ensure its healthy development. Do not provide long days (>12 hours) in the plug tray. Optimum temperature is between 11-16°C. The use of negative DIF is ideal for Godetia production. If the plug media does not contain a starter charge, feed the plugs one time with 50-75 ppm N, preferably from a well-balanced calcium nitrate based fertilizer. If the plug media contains a starter charge, no additional fertilizer is necessary. Optimum EC is 0.6 (1:2 slurry).
- Stage 3** (days 22-39) Maintain cool temperatures and employ a negative DIF, if possible. Fertilize lightly with 50-75 ppm N every 10-14 days, or as needed. Calcium nitrate based fertilizer is recommended as ammonium promotes soft growth. Weekly sprays of B-Nine (daminozide) at 0.5%/5,000 ppm will help control plant height. Temperature manipulation (negative DIF) has proven to be the most effective tool.
- Stage 4** (day 40) The plants are now ready for transplanting or shipping. Plug trays may be held in a well-lighted area at 4°C to tone before shipping, or until space is available for planting.

### Pack & Pot Culture

- In general** Garden performance: The best performance is under mild weather conditions.
- Media** Select a media with a pH between 5.5 and 6.5. Godetia plants are sensitive, so dislodge plants from the plug tray by pushing up from the bottom. Avoid pulling the plants out of the tray by hand, which may damage the stem.
- Transplanting** Do not delay transplanting ! Godetia roots are sensitive for rootdamage.
- Temperature** Maintain cool growing conditions at 11-16°C. Ideally use a negative DIF for better height control.
- Fertilizer** Fertilize every 10-14 days with 75-100 ppm N from a well-balanced calcium nitrate-based formulation. It is best to use drip tubes or sub irrigation as overhead watering with strong water pressure will weaken the plant and open up the plant canopy; especially when flowering. Optimum EC level is 0.6 mmhos (1:2 slurry).
- Lighting** Godetia Satin flowers under long day conditions (>14 hours). Extending the photoperiod to 16 hours using ordinary mum lighting (10 foot candles from incandescent bulbs placed on 15 cm centres), will hasten flower and plant development.

<b>Growth regulators</b>	Temperature and fertilizer are the best tools for controlling height. Maintain optimum temperatures using a negative DIF, if possible, and limit fertilizer salts.
<b>Pests &amp; diseases</b>	Pythium, Rhizoctonia, Powdery Mildew, Downy Mildew, Botrytis.
<b>Crop schedule</b>	Strongly depending on temperature and day length conditions: sowing-flowering: 12-16 weeks.

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*All information given is intended for general guidance only and is believed to be accurate. Cultural details are based on Northern Hemisphere conditions and Sakata cannot be held responsible for any crop damage related to the information given herein. Application of recommended growth regulators and chemicals are subject to local legislations and manufacturer's label instructions.*