

Pericallis x hybrida **Satellite**



SAKATA®

Satellite is a grandiflora type Pericallis with a strong plant habit. Large flower type and pure, bright colours. Maturity one to two weeks earlier than Star Wars.



-  Uniform habit
 -  Compact, neat foliage with small leaf size for high density cropping
 -  Pure colours complement the flower range of Star Wars
 -  Low heat requirement, economical for growers
 -  Good germination and seedling vigour
 -  High percentage of marketable plants
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|  Annual |  Pot Plant |
|  Indoor + patio |  Half shade + full sun |
|  Upright |  800/gram |
|  25 cm |  Normal |
|  25 cm |  10.5-13 cm |

Culture Guide

Plug Culture

- Stage 1** (days 1-10) Single sow seed into a well-drained media with a pH of 5.5 to 6.2 and a media EC <0.6 mmhos (1:2 slurry). After sowing, water the plug tray thoroughly and maintain a germination temperature between 18-21°C. Do not cover the seed as light is necessary for germination. The soil should be moist but not saturated. Maintain high humidity to prevent desiccation of the small seed.
- Stage 2** (days 11-21) Once the seedlings emerge, lower the temperature to 16-18°C. When true leaves appear, fertilization can begin with 50-75 ppm of N using a calcium nitrate-based fertilizer such as 13-2-13. Maintain EC level at 0.75-1.0 mmhos. Provide a maximum of 16,000 lux.
- Stage 3** (days 22-35) The plugs are beginning to fill in the tray. Allow the media to dry out slightly to encourage root development. Maintain temperature at 14-16°C. The media should be moist but not saturated. Watering early in the day and provide good ventilation. Fertilize at 100-150 ppm with a calcium-based fertilizer and increase lighting to a maximum of 27,000 lux.
- Stage 4** (days 36-42) Follow the same guidelines as in Stage 3, but lower the temperature to 16-17°C and increase lighting to a maximum of 32,000 lux. Plugs should now have 3-4 true leaves.

Pack & Pot Culture

- In general** Flower bud initiation (6 weeks): When the plants are fully rooted and have 8-10 leaves they are perceptive to flower bud initiation. Lower the temperature to 7-10°C for six weeks. Keep the plants on the dry side to control vegetative growth and to prevent root rot. Maintain an EC level at 1.0-1.5 mmhos (1:2 slurry). Avoid long day conditions at this stage which delays flower bud initiation. Flowering (3-5 weeks): Raise the temperature to 16-17°C and shade, if necessary, to allow a maximum of 32,000 lux as excessive light will cause leaf burn. Providing long days (10pm- 2am) will hasten flowering. Satellite flowers about 10-14 days later than Star Wars.
- Media** Transplant the plugs into containers using a porous media with a pH between 5.5 and 6.0.
- Transplanting** Allow the media to dry slightly between watering and maintain cool days with a night temperature between 14-16°C.
- Temperature** Optimum production temperature is 10-16°C.
- Fertilizer** Fertilize as needed with 100-150 ppm N using a well-balanced calcium nitrate-based formulation to maintain an EC at 1.0 to 1.5 mmhos.
- Lighting** Maximum 32,000 lux.

Growth regulators	A single application of Alar (daminozide) at 0.25-0.4%/2,500-4,000 ppm provides good control.
Pests & diseases	Pythium, Botrytis, Powdery Mildew, Verticillium, TSWV.
Crop schedule	Plug stage: 6 weeks in 128 plug cell. Transplant to flower: 12-14 weeks.

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.