

Leucanthemum x superbum Arctic Snow

Life cycle	Perennial / Annual
Family / Origin	Asteraceae / Europe
Popular uses	Outdoor containers, pot and pack, suitable for borders and beds
Mature plant height	35-40 cm (14-16")
Mature plant width	30-35 cm (12-14")
Pot size	10-15 cm (4-6")
Plants per pot	1 plant in 10-15 cm (4-6") 3 plants in larger pots and container
Sun exposure	Sun or partial shade
Water requirements	Reduced, avoid wet conditions
Flowering season	Late Spring, Summer
Media	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.5-1.4 (75-210 ppm N)
Growing temperature	For active growth 10-16°C (50-61°F) at night Days up to 16°C (61°F) Higher average day temperature will speed up the process Winter-hardy plant, resistant to low temperatures
Light	True long-day plant, it needs a day length of at least 14½ hours to initiate flowering
Fertilizer needs	Balanced N:P:K fertilizer as needed recommended EC 1.4-1.8 (210-270 ppm N)
Crop time	15-18 weeks
Hardiness zone	Z 5-8



Description

Arctic snow is an compact upright well branching plant with a lot of beautiful classic pure white flowers with yellow centres. Flowering in the first year, they're perfect for borders or as container plants

Growth regulators

Daminozide (Dazide / B-Nine), Paclobutrazol (Bonzi)

Common diseases

Wet foliage should be avoided to prevent Powdery Mildew, Downy Mildew and Leafspot; Rust can also cause problems.

Common pests

Spider Mites, Aphids, Thrips and Leaf miners
Do not use Abamectin (Avid/Vertimec); this will damage the crop

Pinching

No need, although frequent cutting will enhance re-growth

Crop type

First year flowering perennial (no vernalisation needed) but can also be scheduled for traditional overwintering production

Plants/m² finished

15cm (6") 16 plants/m²
12cm (5") 20 plants/m²
10cm (4") 35 plants/m²

Plug Production

Seed forms	Raw
Seed count	700 seeds/gram (20.000 seeds/oz); varies by lot!
Recommended plug size	288-128
Seeds cell	4-5
Vermiculite cover	Normal
Stage 1 Germination	Germination time: 8-10 days Media: pH 5.5 to 6.3 Media: EC 0.5-1.0 (75-150 ppm N) Moisture: keep medium saturated Growing medium temperature: 20-22°C (68-72°F)
Stage 2 Stem and cotyledon	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall Temperature: 20-22°C (68-72°F) Fertilization: 0.5-1.0 EC (75-150 ppm N)
Stage 3 Growth and development	Moisture: reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature 18-20°C (6-68°F) EC 1.4-1.8 (210-270 ppm N)
Stage 4 Ready for transplanting	Moisture: reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature: 13-15°C (55-59°F) Fertilization: see stage 3
Plug crop time	5-6 weeks
Approximate finish time	10-12 weeks
Special tips	Do not allow the plants to dry out, as this can cause premature flowering, but a medium that is too wet will keep the plant vegetative The production period depends on the light intensity (of the year) and the cultivation measures