

# Leucanthemum x superbum Arctic snow



<b>Life cycle</b>	Perennial/Annual
<b>Family/origin</b>	Asteraceae / Europe
<b>Popular uses</b>	Outdoor containers, pot and pack, suitable for borders and beds
<b>Mature plant height</b>	35-40 cm (14-16")
<b>Mature plant width</b>	30-35 cm (12-16")
<b>Pot size</b>	10-15 cm (4-6")
<b>Plants per pot</b>	1 plant in 10-15 cm (4-6") 3 plants in large and container
<b>Sun exposure</b>	Sun or partial shade
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering season</b>	Late spring, summer
<b>Media</b>	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)
<b>Growing temperature</b>	For active growth 10-16°C (50-60°F) at night, days up to 16°C (60°F) Higher average day temperature will speed up the process. Hardy plant, capable of withstanding low temperatures
<b>Light</b>	Obligate Long Day Plant, needs minimum of 14,5 hr day-length to initiate flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertilizer as needed recommended EC 1,4-1,8 (210-275 ppm N)
<b>Crop time</b>	16-20 weeks
<b>Hardiness zone</b>	Z 5-8



Arctic snow

## Growth regulators

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

## Common Diseases

Wet foliage needs to be avoided to prevent Powdery Mildew, Downy mildew, Leafspots. Rust can also cause problems

## Common Pests

Spider mites, Aphids, Thrips and Leaf miners. Do not use Abamectin (trade name 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/m<sup>2</sup> finished

15 cm ( 6") 16 plants/m<sup>2</sup>  
12 cm ( 5") 20 plants/m<sup>2</sup>  
10 cm (4") 35 plants/m<sup>2</sup>

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## Plug Production



<b>Seed forms</b>	Raw
<b>Seed count</b>	700 sds/gr (19,600 sds/oz) <i>Varies by lot!</i>
<b>Recommended plug size</b>	288-128
<b>Seeds cell</b>	4-5
<b>Vermiculite cover</b>	Normal
<b>Stage 1 Germination</b>	8-10 days for germination media pH 5,5 to 6,3 EC 0,5-1,0 (75-150 ppm N) Moisture: keep medium saturated Temperature: 20-22°C (68-72°F) growing medium temperature
<b>Stage 2 Stem and cotyledon</b>	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: EC 0,5-1,0 (75-150 ppm N)
<b>Stage 3 Growth and development</b>	Moisture: reduce moisture levels and allow medium to dry between watering. Do not allow plants to wilt. Temperature: 18-20°C (65-68°F) EC 1,4-1,8 (210-275 ppm N)
<b>Stage 4 Ready for transplanting</b>	Moisture: reduce moisture levels and allow medium to dry between watering but do not allow plants to wilt. Temperature: 13-15°C (54-59°F) Fertilization: see stage 3
<b>Plug crop time</b>	5-6 weeks
<b>Approximate finish time</b>	10-12 weeks
<b>Special tips</b>	Do not allow the plants to dry out, this might cause premature flowering but a too wet media will keep the plant vegetative. The production period depends on the light intensity (of the year) and the cultivation measures.