



Cultivation information

CHRYSANTHEMUM Snowland



General

USE

Pot and Bedding

TIME FRAME SALES PERIOD

April - June

SEED COUNT

1.500 seeds/gram

STANDARD PACKAGING

10.000; 1.000

UNIT

seeds

Germination

SOWING MEDIUM

Lightly fertilized peat or a coco-peat-based soil.

GERMINATION DESCRIPTION

Emergence to cotyledon expansion: 0.5 mS/cm. Cotyledon expansion to plug finish: 1.0 mS/cm. Cover the seeds with a thin layer of vermiculite.

MEDIA COVER SEED

Cover the seeds with a thin layer of vermiculite.

Cultivation information version: Oct-22 | Descriptions, illustrations, photos and disease resistance, etc., are based upon the results obtained under favourable conditions and certain races of pathogens/diseases. Identical results are not guaranteed nor implied for all growing conditions. Information is based on average data compiled. Physical characteristics, adaptability and disease tolerance may vary under different conditions.

GERMINATION POST-TREATMENT

Emergence to cotyledon expansion = <0.7 - 0.9 mS/cm
Cotyledon to plug finish = <1.0 mS/cm.

GERMINATION TEMPERATURE °C

18

DAYS TO GERMINATE

10-14

Sowing

PLUG SIZE

288-512

SOWING PERIOD

January - March

TRANSPLANTING DESCRIPTION

4-6 weeks after sowing.

Growing on

TEMPERATURE DAY °C

16 C. on a dark day and 18 to 20 °C. on a sunny day.

TEMPERATURE NIGHT °C

10-12 °C. after a dark day, but possible to go to 8 °C. after a sunny day.

Further climate conditions: If possible use a small energy input at night and on dark days to avoid problems with fungi.

If you want to bring the cultivation forward, it is possible to use a blackout cloth - in that case, keep it dark for 13 hours.

GROWTH REGULATOR

Cycocel, B-Nine, and Bonzi have all proven effective.

EC REQUIREMENT

2,0 to 3,5 EC irrigation water. When the quality of the water is good (for example rainwater)

2,5 EC is enough. When the quality of the water is less good (for example well water, surface water) the EC can go up to 3,5 EC. The irrigation water must contain besides K, Ca, Mg, P, and NO₃ a small amount of NH₄ (max 1 mmol). Also, Chloride (CaCl₂) and Sulphate (MgSO₄, K₂SO₄) can be used to keep the plants compact.

PH REQUIREMENT

5.7-6.4 – don't go lower than 5,7. Below that pH can drop easily and very quickly.

HUMIDITY

In general, dry to moderate is the best guideline for watering practices.

POT SIZE IN CM

09-12

PACK SIZE

16

Growing

WEEKS TO FLOWER FROM SOWING

09-11

WEEKS TO FLOWER FROM PLANTING

05-08

Diseases

INSECTS

Check the crop regularly on thrips, aphids, whiteflies, leaf miners, bugs, caterpillars, and spider mites. Perform pest control at least 3x after detection. If possible use biological control. When thrips are detected, be alert for Tomato Spotted Wilt Virus.

FUNGI

On dark cloudy days and a night with a clear open sky: be alert for fungi like Botrytis. In that case, use at least 2 times a fungicide 2-4 weeks before selling the product.