

Cutflower Matricaria Series

Strong Stems & Lovely Flower Disks Make This Variety Perfect For Use As Fillers In Bouquets!

Growing On To Finish

Production Location

Optimal quality matricaria are produced under Dutch climatic conditions year-round in greenhouses.

Media

Matricaria should be produced in disease-free soils with a low initial nutrient charge and a pH of 6.0 to 7.2.

Planting Density

Summer: 8 plants per square foot (80 plants per square meter)

Winter: 7 plants per square foot (70 plants per square meter)

Netting

One layer of support netting is sufficient.

Temperature

Winter Nights: 50 to 51°F (10 to 11°C)

Winter Days: 55 to 58°F (13 to 14°C)

Summer Nights: 60 to 65°F (16 to 18°C)

Summer Days: 72 to 74°F (22 to 24°C)*

*Optimal plant height during summer is achieved by creating an 18°F (10°C) temperature differential between minimum night and maximum day temperature for two hours.

Light & Shading

Matricaria needs a daylength of 16 hours to make the plant stretch and to initiate flowering. Optimal light levels during periods of supplemental lighting are 15 watts per square meter. Shading should begin when light levels reach 800 watts inside the greenhouse.

Irrigation

Typical Dutch production practice is only overhead irrigation from transplant. During summer, all irrigation ceases two weeks before harvest. During winter, overhead irrigation ceases six to eight weeks before harvest, depending on soil conditions. Magic single matricaria will produce better plant quality with drip irrigation.

Fertilization

Soil EC levels should be maintained at 0.2 to 0.6 during crop production. When fertilizing through the irrigation system, maintain EC levels from 0.8 to 1.2. Very high EC levels promote lack of plant uniformity.

Common Problems

Insects: Aphids, leaf miners, Lepidopterous larvae, thrips

Diseases: *Botrytis*, *Pythium*, *Rhizotonia*, *Tospo* viruses

Other: Rosetting due to lack of sufficient daylength

Crop Scheduling

Sow to transplant in 600-cell tray: 3 to 5 weeks

Transplant To Flower

Winter: 14 to 16 weeks

Spring/Autumn: 10 to 14 weeks

Summer: 7 to 10 weeks

PanAmerican Seed