

Helianthus annuus

Soraya

Sunflower

Culture guide

Uses:

Plants for bedding, cut flower production

Exposure:

Sun

Garden height:

61" / 155 cm

Crop time:

10-12 weeks

Sow time:

Indoor forcing: March-August, sowing in intervals;

Outdoor forcing: April-Mid July

Sowing method:

1-2 seeds per plug, sowing directly into field is recommended

Germination:

Field: 10-15 days at 15 °C, Greenhouse: Stage I: 5-10 days at 21-24 °C, Stage II: 5-8 days at 18-20 °C, Stage III and IV: 7-14 days at 15-17 °C, in media with low soluble salt levels and pH: 5.5-6.2. Cover seed with vermiculite, sand or substrate after sowing. Keep soil slightly moist but not wet. Field: sow the seeds 3-4 cm deep.

Growing On:

Plant cut flowers in 5-10x40-70 cm space, approximately 30-35 plants per m².

Media:

Field: Before sowing treat substrate with herbicide or fight the weeds mechanically and fertilize the field. Greenhouse: Use a well-drained, growing substrate with 15-30 % clay, 1-3 kg/m² complete balanced fertilizer, 0-2 kg/m² slow release fertilizer (3-6 months), Fe-chelate, micronutrients, pH: 5.5-6.2.

Temperature:

Field: cultivation is possible from April onwards. Grow at 15-18 °C. Cultivate flowering plants not below 12 °C. Helianthus plants do not tolerate frost.

Fertilization:

Field: N min soil value: approximately 150 g/m². Greenhouse: High fertilization levels are required.