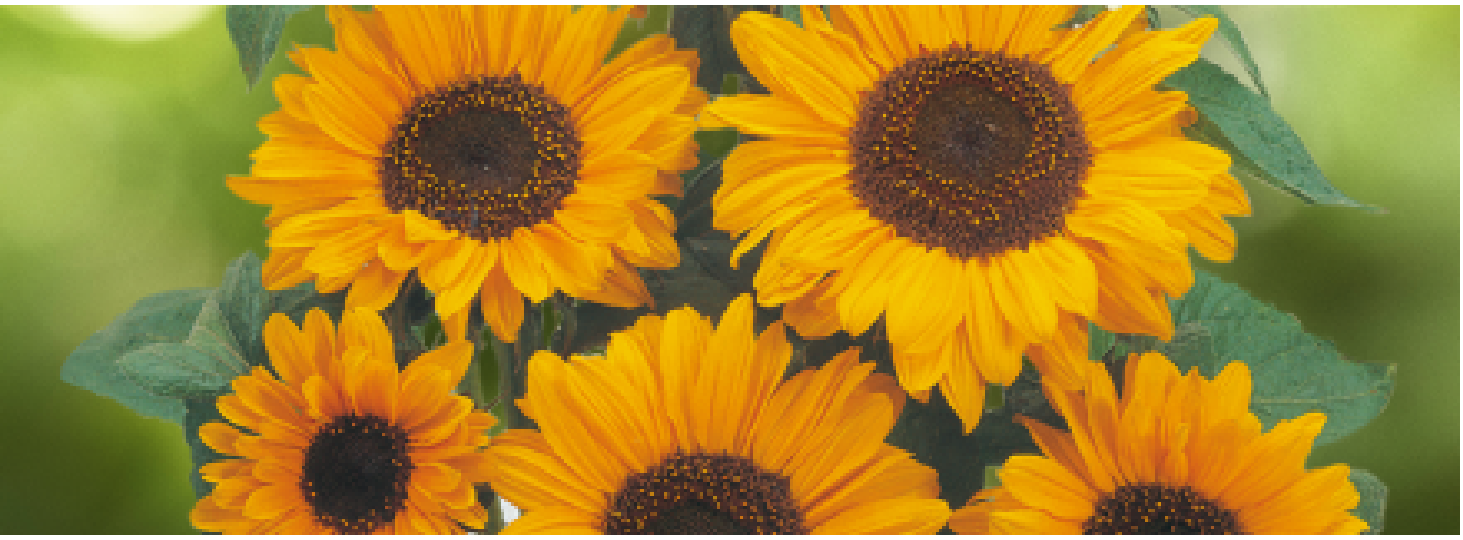
Helianthus annuus

Soraya



- Lateral branching
- Thick and sturdy stems
- Intense, golden flower color
- Flower size up to 6” (15 cm)

Crop Time	Spring: 10 - 12 weeks
Height ⌀	61 ″ / 155 cm
Flower Size ⌀	6 ″ / 15 cm
Exposure	Sun
Seed Form	Raw
Product Use	Bed, Cut Flower

TECHNICAL GUIDE

Helianthus annuus Soraya

Usage
Plants for bedding, cut flower production

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 m^2.

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/m^2 complete balanced fertilizer, 0-2 kg/m^2 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/m^2. Greenhouse: High fertilization levels are required.

Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.
Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.
Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.
Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.

COLORS OF THE SERIES

Helianthus annuus Soraya



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