GrowerFacts

PanAmerican Seed®

Sunflower Miss Sunshine F_1

(Helianthus annuus)

Potted Plants Culture (revised 12/08/25)

Plug crop time: 2 to 3 weeks
Transplant to finish: 7 to 8 weeks

- Dwarf, golden yellow sunflower is easy and economical to produce, needing fewer PGRs and flowering at a shorter height under short days.
- Pollen-free plants have 3 to 4-in./8 to 10-cm blooms with a fast flush of secondary flowers.
- Perfect for mixed and mono planters.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer	10-16 in. (25-41 cm)	6-8 in. (15-20 cm)	6-10 in. (15-25 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
RAW, TRT	128	1	2-3	3-5	5.5-6.0 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 3	Level 2
Temperature	68-72°F (20-22°C)	68-72°F (20-22°C)	64-72°F (18-22°C)	61-72°F (16-22°C)
Light	Optional	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
Fertiliser		Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)

Propagation Key Tips

Can also be propagated by direct sowing when grown in smaller pots (4-in./10 cm, 4.5-in./11-cm, 5-in./13-cm).

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 64-72°F (18-22°C) **(night)** 61-64°F (16-18°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Facultative Short Day

Daylength Notation

Can flower under different daylengths, but will flower slightly quicker under short days.

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
5"/6"/1 Gallon/15 cm	1-3 (ppp)	7-8 (weeks)	Spring	daminozide 1,250-2,500 ppm Spray
5"/6"/1 Gallon/15 cm	1-3 (ppp)	6-7 (weeks)	Summer	daminozide 1,250-2,500 ppm Spray

Finishing Key Tips

Plants grow shorter under short days. Plants will grow taller under longer days when no PGRs are applied. We recommend 1 ppp in 5-in./13-cm pots and 1 to 3 ppp in gallon pots.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

Variety Pictures


Miss Sunshine


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