GrowerFacts

PanAmerican Seed®

Coreopsis Sunfire

(Coreopsis grandiflora)

Perennials Culture (revised 01/11/21)

Plug crop time: 5 to 7 weeks
Transplant to finish: 10 to 12 weeks

- Naturally compact in a pack or 4-in./10-cm pot, requiring less PGRs, or no PGRs in certain conditions.
- Can also be marketed as an annual in premium packs.
- Golden yellow flower with deep red blotch.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer, Late Summer, Autumn	24 in. (61 cm)	22-24 in. (56-61 cm)	8-10 in. (20-25 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
PRM	288 128*	1-2 2-4	5-7 7-8	3-5	5.8-6.2 pH 0.75 mmhos/cm	Light cover

* Recommend plug size for forcing.

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-3	Level 1-2
Temperature	65-68°F (18-20°C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Optional	6-8 mol·m^{-2}·d^{-1}	8-10 mol·m^{-2}·d^{-1}	8-10 mol·m^{-2}·d^{-1}
Fertiliser		Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	175 to 225 ppm N (1.2 to 1.5 EC)

Vernalisation

No

Propagation Key Tips

Critical Daylength: 13 hours.
Short day (10 hours) bulk needed for forcing.
For forcing info: See Perennials Forcing Guide.
1 to 2 seeds for 288/3 to 4 seeds for 84. Plug PGRs: For Spring production, no PGRs needed. For Summer production under long day conditions, can use B-Nine/Alar (1,500 to 2,500 ppm spray).

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 60-70°F (16-21°C) **(night)** 55-60°F (13-16°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Obligate Long Day

Daylength Notation

Long day required – minimum 13 hours.

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	10 (weeks)	Summer	daminozide 5,000 ppm Spray
Forcing	4"/4.5"/Quart/10 cm	1 (ppp)	11 (weeks)	Late Spring, ADT 68°F (20°C)	daminozide 2,500-5,000 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1-3 (ppp)	10-11 (weeks)	Summer	daminozide 5,000 ppm Spray
Forcing	5"/6"/1 Gallon/15 cm	1-3 (ppp)	11-12 (weeks)	Late Spring, ADT 68°F (20°C)	daminozide 2,500-5,000 ppm Spray
Forcing	5"/6"/1 Gallon/15 cm	1-3 (ppp)	11-12 (weeks)	Autumn, ADT 72°F (22°C)	daminozide 2,500-5,000 ppm Spray

Common Problems

Insect: Aphid, Thrips, Whiteflies Disease: Powdery Mildew

Finishing Key Tips

Apply PGRs when buds are visible.

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


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