

Coreopsis Sun Up

(*Coreopsis grandiflora*)

Perennials Culture (revised 03/16/17)

Plug crop time: 5 to 7 weeks

Transplant to finish: 8 to 12 weeks

New! Now available as **primed seed** to deliver reliable plug production, improved order fill rate, uniform quality in plug trays and as a finished product, and improved margin.

- Get Spring sales off to a strong start with the first coreopsis up...the brightest yellow...the most compact!
- Early flowering and less daylength sensitive than other *Coreopsis grandiflora*.
- More naturally compact than Early Sunrise.
- Produces semi-double, clear yellow flowers all Summer long.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Summer, Autumn	10-12 in. (25-30 cm)	12-14 in. (30-36 cm)	16 in. (41 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
PRM	288 128*	1 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
Fertilizer	Less than 100 ppm N - Less than 0.7 EC	Less than 100 ppm N - Less than 0.7 EC	175 to 225 ppm N - 1.2 to 1.5 EC	175 to 225 ppm N - 1.2 to 1.5 EC

Vernalization

No

Propagation Key Tips

Critical Daylength: 12 hours.

Short day (10 hours) bulk needed for forcing.

For forcing info: See Perennials Forcing Guide.

1 to 2 seeds for 288/2 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). Short day bulk not needed for Autumn sales.

Growing on to Finish

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

Daylength Notation

Long day required – minimum 12 hours.

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Forcing	4"/4.5"/Quart	1 (ppp)	9 (weeks)	Late Spring, ADT 68°F (20°C)	daminozide 2,500-5,000 ppm Spray
Annual	4"/4.5"/Quart	1 (ppp)	8-9 (weeks)	Summer, ADT 68°F (20°C)	daminozide 5,000 ppm Spray
Annual	5"/6"/1 Gallon	1-3 (ppp)	10-11 (weeks)	Summer	daminozide 5,000 ppm Spray
Forcing	5"/6"/1 Gallon	1-3 (ppp)	9-11 (weeks)	Late Spring, ADT 68°F (20°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 a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

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