

## Helenium Dakota Gold

(*Helenium amarum*)

Annuals Culture (revised 02/24/20)

**Plug crop time:** 3 to 4 weeks

**Transplant to finish:** 5 to 7 weeks

- Easy-care variety performs from hot and dry to cool and rainy.
- Strong-growing and compact, mounded plants are covered with bright golden yellow blooms over fine-textured foliage.
- Quick crop time.
- Grow under long days for the best habit and vigour.

North Texas Winner's Circle Award; Japan Flower Selections Certificate of Merit as Best Flower Award

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer, Late Summer, Autumn	12-14 in. (30-36 cm)	24-28 in. (61-71 cm)	24-30 in. (61-76 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
MPL	288	1	3-4	3-5	5.5-6.3 pH 0.75 mmhos/cm	Yes

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 2-3	Level 2-3
<b>Temperature</b>	65-75°F (18-24°C)	68-72°F (20-22°C)	68-72°F (20-22°C)	68-72°F (20-22°C)
<b>Light</b>	Optional			
<b>Fertiliser</b>		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

Daylength affects plant growing habit and crop time. See GrowerFacts for details.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-70°F (18-21°C) (night) 64-66°F (18-19°C)	5.5-6.5 pH 1.5-2.0 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Facultative Long Day

### Daylength Notation

Plants will flower regardless of daylength, but the growing habit is quite related to daylength. Plants grow slowly when grown under daylengths shorter than 12 hours and become very flat or even rosette when grown under daylengths shorter than 10 hours. Growing plants under long days (12 hours or more) is recommended.

## Crop Scheduling

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Container Size	Plugs/Pot	Crop Time	Season	PGR
306 Pack/1801	1 (ppp)	5-7 (weeks)	Spring	daminozide 5,000 ppm Spray
4"/4.5"/Quart/10 cm	1 (ppp)	5-7 (weeks)	Spring	daminozide 5,000 ppm Spray
5"/6"/1 Gallon/15 cm	1 (ppp)	6-8 (weeks)	Spring	daminozide 5,000 ppm Spray

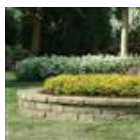
NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility 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

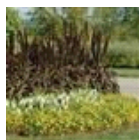
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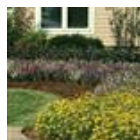
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