GrowerFacts

PanAmerican Seed™

Celosia Dracula

(Celosia cristata)

Annuals Culture (revised 01/10/18)

Plug crop time: 3 to 4 weeks
Transplant to finish: 6 to 8 weeks

- First-of-its-kind novelty celosia shows one big flower atop the plant.
- In the greenhouse, flower is red and foliage is green with some red. Outdoors, foliage is darker and more purple-toned and flower is darker purple.
- Unusual shape and eye-catching colour add drama to landscapes, gardens and containers.
- Good mid-height border plant.

NOTE: Shorter growth in high light.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer, Late Summer	8-16 in. (20-41 cm)	8-12 in. (20-30 cm)	6-10 in. (15-25 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
COT	288	1	3-4	2-4	5.8-6.2 pH 0.7-1.2 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 4	Level 3-4	Level 3-4
Temperature	68-72°F (20-22°C)	68-72°F (20-22°C)	68-72°F (20-22°C)	68-72°F (20-22°C)
Light	Light	1,500-2,500 f.c. (16,100-26,900 Lux)	1,500-2,500 f.c. (16,100-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
Fertilizer		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

Keep media constantly moist; do not allow to dry out. Celosia Dracula can respond to daylength at a very early stage. Best is to sow and grow plugs between 11 and 14 hours daylength. A 3 to 4-week period of 12 to 14 hours LIP treatment after sowing (during plug stage) will work well to speed up flower timing and reduce flower non-uniformity and deformation when produced in unfavorable daylengths.

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 65-72°F (18-22°C) **(night)** 59-65°F (15-18°C)	5.8-6.2 pH 1.0-1.5 mmhos/cm	100 to 175 ppm N - 0.7 to 1.2 EC	-

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
5"/6"/1 Gallon	1 (ppp)	6-9 (weeks)	Spring	-

Fertilizer Notation

Celosia is susceptible to high salt levels.

Chemical Sensitivity

If necessary, there is a choice of two PGR treatments: 1. Paclobutrazol (Bonzi, Piccolo, Piccolo 10x) 3 to 5 ppm (0.75 to 1.25 ml/l, 0.4% formulation) spray at radicle emergence stage (Stage 1) can be used for control of early hypocotyl stretch. This treatment could delay flowering about 7 to 10 days. 2. This treatment is not necessary when treatment 1 is already done. This optional treatment is an early spray in Stage 3 with daminozide (B-Nine, Alar, Dazide) with the rate of 1,500 to 2,500 ppm spray. This treatment will not be as strong as paclobutrazol in controlling hypocotyl stretch, but may not delay flowering timing.

Common Problems

Insects: Thrips

Finishing Key Tips

Flowers fastest between 12 to 14-hour days.

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 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


Dracula


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PanAmerican Seed™

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