GrowerFacts

PanAmericanSeed®

Celosia Ice Cream Series

(Celosia plumosa)

Annuals Culture (revised 11/02/23)

Plug crop time: 3 to 4 weeks
Transplant to finish: Packs, 8 to 10 weeks; 4 to 5-in./10 to 13-cm pots, 9 to 12 weeks

- Heat-tolerant, long-lasting series stands tough when temperatures rise – Ice Cream won't melt in the sun!
- Early, compact and well-branched plants are stunning in patio planters and gardens.
- Produces large, tight flower heads in strong colours for striking sales appeal.
- Versatile – great for bench-run pack and small pot programs.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer, Late Summer	12 in. (30 cm)	10 in. (25 cm)	12 in. (30 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
PEL	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	77°F (25°C)	72-77°F (22-25°C)	68-72°F (20-22°C)	68-72°F (20-22°C)
Light	Light	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

Keep media constantly moist; do not allow to dry out. Celosia makes a taproot and is sensitive to root damage. Transplant on time and do not allow seedlings to get rootbound.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-70°F (18-21°C) **(night)** 59-61°F (15-16°C)	5.8-6.2 pH 1.0-1.5 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Facultative Short Day

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
306 Pack/1801	1 (ppp)	6-8 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1 (ppp)	7-9 (weeks)	Spring	-
306 Pack/1801	1 (ppp)	5-7 (weeks)	Summer	-
4"/4.5"/Quart/10 cm	1 (ppp)	5-7 (weeks)	Summer	-

Fertiliser Notation

Celosia is susceptible to high salt levels.

Finishing Key Tips

Keep medium constantly moist and do not allow to dry out. No PGRs are needed. If needed, Celosia Ice Cream is responsive to B-Nine/Alar (daminozide) spray at 2,000 to 3,000 ppm (2.4 to 3.5 g/l, 85% formulation or 3.1 to 4.7 g/l 64% formulation) depending on weather.

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

Cherry

Orange

Pink

Salmon

Yellow

Mixture

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