GrowerFacts

PanAmerican Seed®

Celosia Foliage, Sol™ Lizzard Leaf

(Celosia argentea)

Annuals Culture (revised 12/02/24)

Add colour and texture to containers with Sol™

With limited options for attractive foliage plants from seed, growers often turn to coleus to add interest and texture to containers. The Sol Collection is another unique solution. This fantastic foliage celosia offers relatively fast production time and no downy mildew issues. It holds well at retail and expands the options for consumers looking for sun-loving foliage accent plants for patio planters with a different texture and look. Sol is also fabulous for quick-growing, low, shrub-like plants that look great at the front of the border.

Plug crop time: 3 to 4 weeks
Transplant to finish: Spring, 7 to 10 weeks

- An attractive late-flowering foliage celosia collection for the market!
- Two distinct bicolour foliage patterns are featured in the collection.
- Offers relatively fast production time and no downy mildew issues.
- Foliage tends to be more green when kept indoors, and it turns a vibrant burgundy-red when the plant is outdoors for at least 1 to 2 weeks.
- Lizzard Leaf's foliage can curl due to genetic factors; it can be modified by climate conditions in various locations, as well as in indoor and outdoor environments.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer, Late Summer	10-14 in. (25-36 cm)	10-16 in. (25-41 cm)	6-8 in. (15-20 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

Don't allow media 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
5"/6"/1 Gallon/15 cm	1 (ppp)	7-10 (weeks)	Spring	-
5"/6"/1 Gallon/15 cm	1 (ppp)	5-7 (weeks)	Summer	-

Fertiliser Notation

Celosia is susceptible to high salt levels.

Finishing Key Tips

Celosia Foliage do not need PGRs. Keep media constantly moist to prevent premature flowering. Foliage colour tends to be green when kept indoors, but more intense and more burgundy-red when the plant is left outdoors under higher light levels.

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


Lizzard Leaf


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