

Celosia Foliage, Sol™ Gekko Green

(*Celosia argentea*)

Annuals Culture (revised 02/24/20)

Sun-loving foliage celosia brings colour and texture to containers

With limited options for attractive foliage plants from seed, growers often turn to coleus to add interest and texture to containers. The NEW Sol™ Collection is a fantastic new foliage celosia with 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, as well as 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 new foliage celosia collection for the market!
- Two distinct bicolor 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 to burgundy when the plant is left outdoors for at least 1 to 2 weeks.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|--------------|-------------------------|-------------------------|---------|
| Sun | - | 10-14 in. (25-36 cm) | 10-16 in. (25-41 cm) | |

Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days to Germinate | Initial Media pH/EC | 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) |
| 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

To prevent premature flowering, keep growing plugs under daylength of 14 hours or longer due to short day flowering response. 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 | Fertilizer | 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 | 1 (ppp) | 7-10 (weeks) | Spring | - |
| 5"/6"/1 Gallon | 1 (ppp) | 5-7 (weeks) | Summer | - |

Fertilizer 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 turning more burgundy 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



Gekko Green

PanAmericanSeed™

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