

Coleus, Premium Sun Mighty Mosaic

(*Solenostemon scutellarioides*)

Annuals Culture (revised 03/14/17)

Show-stopping colours...bold patterns...rich textures: Pro landscapers and gardeners love these centre stage varieties for their great looks and reliable performance in sunny gardens and patio planters. Our Premium Sun Coleus can tolerate full sun in regions of high relative humidity such as Hardiness Zones 9 and 10. Foliage will scorch in full sun with low relative humidity. All are suitable for shade.

Plug crop time: 5 to 6 weeks

Transplant to finish: 6 to 8 weeks

- Striking, multi-coloured foliage assures mighty retail appeal.
- Very late-flowering variety is great in the shade and tolerates sun under high humidity.
- Landscape coleus meets retailer and consumer demand for longevity and versatility.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun	Spring, Late Spring, Summer, Late Summer, Autumn	18-26 in. (46-66 cm)	18-22 in. (46-56 cm)	18 in. (46 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
PEL	288	1	5-6	4-5	5.5-5.8 pH 0.75 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-4	Level 2-4
Temperature	72-75°F (22-24°C)	72-75°F (22-24°C)	68-70°F (20-21°C)	60-62°F (16-17°C)
Light	Optional	2,500 f.c. (26,900 Lux)	2,500 f.c. (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

Fertilizer Notation

To prevent diseases, irrigate early in the day so foliage is dry by nightfall.

Propagation Key Tips

Coleus is very sensitive to high salts, particularly high ammonium. During germination, keep ammonium levels lower than 10 ppm. PGRs are generally not needed.

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 68-75°F (20-24°C) (night) 65-68°F (18-20°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	100 to 175 ppm N - 0.7 to 1.2 EC	Facultative Short Day

Crop Scheduling

Container Size	Plants/Pot	Crop Time	Season	PGR
4"/4.5"/Quart	1 (ppp)	6-8 (weeks)	Spring	-
5"/6"/1 Gallon	1 (ppp)	6-8 (weeks)	Spring	-
5"/6"/1 Gallon	3 (ppp)	6-8 (weeks)	Spring	-

Fertilizer Notation

Use caution when using Augeo and Topflor as they could alter foliage colour.

Common Problems

Insects: Aphids, Mealy Bugs, Whiteflies Diseases: Alternaria, Botrytis, Verticillium, Downy Mildew Other: Excessive internode elongation under low light or crowding.

Finishing Key Tips

Excessive internode elongation under low light or crowding. Florel (ethephon) can be applied for promoting increased branching and height control if necessary. A rate of 300 ppm (7.69 ml/l 3.9% formulation or 0.63 ml/l of 48% formulation) at 2 to 3 weeks after transplanting is effective. Florel also delays flowering. Optional PGR: B-Nine/Alar (daminozide) 2,500 to 5,000 ppm (3.0 to 6.0 g/l 85% formulation or 4.0 to 8.0 g/l of 64% formulation) can be applied for height control at 2 to 3 weeks after transplanting. Repeat if necessary.

NOTE: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

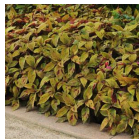
Variety Pictures



Mighty Mosaic



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