# GrowerFacts

PanAmerican Seed®

## Coleus, Premium Sun Crimson Gold

*(Solenostemon scutellarioides)*

Annuals Culture (revised 11/02/23)

Showstopping 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. 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

- Well-branched, vigorous plants show off beautiful, bicolour foliage all season.
- Versatile variety thrives in sun and shade.
- Deep red leaves with golden-green edge.
- Late flowering.

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Shade, Sun | - | 14-18 in.<br>(36-46 cm) | 14-18 in.<br>(36-46 cm) | 12-18 in.<br>(30-46 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 | 5-6 | 4-5 | 5.5-5.8 pH<br>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** | 66-82°F<br>(19-28°C) | 68-77°F<br>(20-25°C) | 68-70°F<br>(20-21°C) | 60-62°F<br>(16-17°C) |
| **Light** | Optional | 2,500 f.c.<br>(26,900 Lux) | 2,500 f.c.<br>(26,900 Lux) | 2,500-5,000 f.c.<br>(26,900-53,800 Lux) |
| **Fertiliser** | | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) |

### Fertiliser 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 (1:2) | Fertiliser | Daylength |
|---|---|---|---|
| **(day)** 68-75°F (20-24°C)<br>**(night)** 65-68°F (18-20°C) | 5.8-6.2 pH<br>1.5-2.0 mmhos/cm | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | Facultative Short Day |

## Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---|---|---|---|---|
| 306 Pack/1801 | 1 (ppp) | 4-5 (weeks) | Spring | - |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 4-5 (weeks) | Spring | - |
| 5"/6"/1 Gallon/15 cm | 1 (ppp) | 5-6 (weeks) | Spring | - |

### Fertiliser 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.

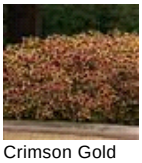
### Finishing Key Tips

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 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

Crimson Gold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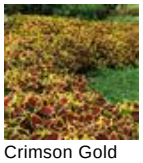
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