

## Coleus Wizard® Series

(*Solenostemon scutellarioides*)

Annuals Culture (revised 01/13/21)

**Plug crop time:** 5 to 6 weeks

**Transplant to finish:** 7 to 9 weeks

- Low-maintenance, uniform and basal-branching plants are late-flowering, extending their landscape value.
- Mid-sized leaves.
- Great for packs.
- Useful for indoor plant programs.

### General Information

| Exposure           | Bloom Season                             | Height                  | Spread                  | Spacing                 |
|--------------------|------------------------------------------|-------------------------|-------------------------|-------------------------|
| Shade, Partial Sun | Late Spring, Summer, Late Summer, Autumn | 12-14 in.<br>(30-36 cm) | 10-12 in.<br>(25-30 cm) | 10-14 in.<br>(25-36 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  |
|-----------|-----------------------|------------|-----------------|--------------------------------------|-----------------------------|-------------|
| RAW       | 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                                 |
|--------------------|----------------------|-------------------------------------------|-------------------------------------|-----------------------------------------|
| <b>Moisture</b>    | Level 4              | Level 3-4                                 | Level 2-4                           | Level 2-4                               |
| <b>Temperature</b> | 72-75°F<br>(22-24°C) | 72-75°F<br>(22-24°C)                      | 68-70°F<br>(20-21°C)                | 60-62°F<br>(16-17°C)                    |
| <b>Light</b>       | 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) |
| <b>Fertiliser</b>  |                      | 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 | -   |

### Common Problems

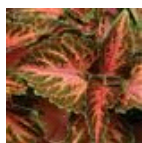
Insects: Aphids, Mealy Bugs, Whiteflies Diseases: Alternaria, Botrytis, Verticillium Other: Excessive internode elongation under low light

### Finishing Key Tips

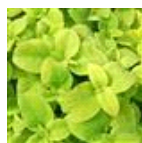
Ethephon can be applied to increase branching and control height.

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



Coral Sunrise



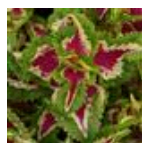
Golden



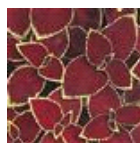
Jade



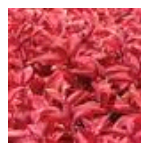
Mosaic



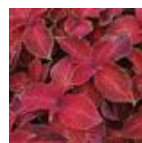
Rose



Scarlet



Sunset



Velvet Red



Select Mixture



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