



**Premium Sun Coleus**  
**GrowerFacts Extra**  
Additional Culture Research  
from

PanAmerican Seed<sup>®</sup>

# Premium Sun Coleus

## Light Conditions and PGR Affecting Color

PanAmericanSeed.

### ANNUALS CULTURE

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#### INTRODUCTION

- How does PGR and light condition affect Coleus foliage color
- Varieties: Chocolate Covered Cherry, Crimson Gold, Lime Delight, Mighty Mosaic, Pineapple Surprise, Watermelon

#### CONCLUSION

- PGR has little to no effect on foliage color
- Foliage color was more intense with more light



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### CHOCOLATE COVERED CHERRY

#### LIGHT CONDITIONS

- 65% Shade resulted in lighter leaves
- Without shade resulted in deeper color in leaves

#### PGR

- Had little to no effect



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## ANNUALS CULTURE

### CRIMSON GOLD

#### LIGHT CONDITIONS

- 65% Shade resulted in larger green borders on leaves
- Without shade resulted in more vivid crimson color

#### PGR

- Had little to no effect





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### LIME DELIGHT

#### LIGHT CONDITIONS

- 65% Shade resulted in deeper green color
- Without shade was brighter

#### PGR

- Had little to no effect



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### MIGHTY MOSAIC

#### LIGHT CONDITIONS

- 65% Shade resulted in lighter, greener leaves
- Without shade resulted in more crimson color

#### PGR

- Had little to no effect



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### PINEAPPLE SURPRISE

#### LIGHT CONDITIONS

- 65% Shade resulted in deeper green color
- Without shade resulted in more intense pinks and yellows

#### PGR

- When grown under low light conditions, Pineapple Surprise was sensitive to Bonzi (paclobutrazol) 5ppm spray, which could significantly reduce red color
- B9 (Daminozide) slightly reduced red color





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### WATERMELON

#### LIGHT CONDITIONS

- 65% Shade resulted in deeper green leaves
- Without shade resulted in pinker leaves

#### PGR

- Foliage color was bleached by B9 (daminozide) spray under both low and high light conditions

