Premium Sun Coleus GrowerFacts Extra Additional Culture Research from

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Premium Sun Coleus Light Conditions and PGR Affecting Color

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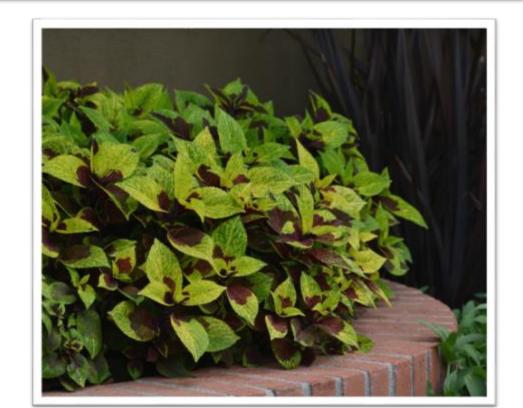
ANNUALS CULTURE Revised 03/2017

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

<u>PGR</u>





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CRIMSON GOLD

LIGHT CONDITIONS

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

PGR





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LIME DELIGHT

LIGHT CONDITIONS

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

PGR





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MIGHTY MOSAIC

LIGHT CONDITIONS

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

PGR





Light Conditions and PGR Affecting Color

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PINEAPPLE SURPRISE LIGHT CONDITIONS

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

<u>PGR</u>

- 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

<u>PGR</u>

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



