GrowerFacts Extra
Cuphea ramosissima Pink Shimmer
Additional Culture Research from
PanAmerican Seed®
Cuphea ramosissima PGR Response
Culture Research, published 2019

OBJECTIVE
• To find out PGR response
• To find out if it is necessary to shear or pinch plants for promoting branches

MATERIALS AND METHODS
• Sow date: week 9
• Plug tray size: 288 cell with 4 spc
• Germination conditions: 72F/L, no cover
• Transplant date: week 13
• Container size: 306 pack and quart
• Environmental conditions: ADT = 66.8F/19.3C, DLI = 11.9mol/m2/d
ANNUALS

For quart pot, it is not necessary to have any PGR at finish stage.
Phytotoxicity from both tank mixes of Bonzi/Florel and B9/Florel. It is suspected that Florel will cause phytotoxicity to Cuphea.
PGR CONCLUSION
During plug stage
- Bonzi 1 ppm spray at 2 weeks after sowing controlled plug size very well
- Cuphea was also responsive to B9 2500ppm spray (not as strong as Bonzi 1ppm spray)

After transplant
- Bonzi 2-3ppm spray can be used for 306 or 1801 pack
- For larger containers, PGR may not be necessary
Shearing did not make significant plant fuller but reduce or delay flowers.
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**CROP TIME**

- Plug crop time: 4 weeks
  - 288 cell with 4spc
- Finish crop time (at ADT about 69F/19C)
  - 5 weeks (306 pack)
  - 6 weeks (Quart)
- Total crop time: 9-10 weeks
- With 4 seeds per cell, plants fill in nicely