



GrowerFacts Extra
Cuphea ramosissima Pink Shimmer

Additional Culture Research

from

PanAmerican Seed®

Cuphea ramosissima PGR Response

Culture Research, published 2019

PanAmericanSeed.

ANNUALS

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



Pink Shimmer

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306 pack



Bonzi 1+3ppm sp

Control

Quart



Bonzi 1+3ppm sp

Control

For quart pot, it is not necessary to have any PGR at finish stage.

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Phytotoxicity from both tank mixes of Bonzi/Florel and B9/Florel.
It is suspected that Florel will cause phytotoxicity to Cuphea.



Bonzi/Florel Tank Mix



B9/Florel Tank Mix

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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



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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

