GrowerFacts Extra
Ornamental Corn Pink Zebra
Additional Culture Research from
PanAmerican Seed®
Ornamental Corn Pink Zebra
Culture Research, published 2018

OBJECTIVES
To develop culture information for Ornamental Corn Pink Zebra and find out how plant responds to plug tray size, temperature, PGR, and light levels.

MATERIALS AND METHODS
• Plug tray size: 128, 72 and 50 cell
• Container size: 4.5” pot, gallon and mum pot
• 1ppp, 2ppp and 3ppp
TEMPERATURE RESULTS

Germination conditions: 75F

One day later when germ under cooler temp of 65F
LINER SIZE RESULTS
The minimum suitable plug size is 128 cell tray.

It takes about 2 weeks in 128 cell and 3 weeks in 72 or 50 liners from sowing to transplant.
COVER NO COVER

RESULTS

Heavily cover with soilless medium to suppress strong roots.

Roots jumping cells

Roots growing out of plug tray 1 week after sowing
**FOLIAGE VARIEGATION RESULTS**

Foliage variegation appeared at about 5-6 true leaf stage.

Transplant on time. Do not allow plants to become root bound as it will delay foliage variegation.
LIGHT LEVEL RESULTS
Plants are stronger with a thicker stem as well as earlier with more branching when grown under higher light levels.
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LIGHT LEVEL RESULTS
Florel 500ppm spray reduced plant size and also made foliage narrower.

Bonzi 5ppm drench made plant robust with earlier branching.

Both can be used for Pink Zebra plant size control.
CONTAINER SIZE RESULTS
Suitable for 4.5” pots and gallon pot with one plant per pot.
ROOT BOUND RESULTS
In a 128 cell, seedlings can become quite root bound 4 weeks from sowing.
ROOT BOUND RESULTS
Root bound seedlings can delay foliage variegation timing.
CROP TIME RESULTS
Plug crop time
- 2 weeks from 128 cell
- 3 weeks from 72 or 50 liner
Transplant to finish (green)
- 4-5 weeks from 128 cell
- 3-4 weeks from 72 or 50 liner

Total crop time about 6-7 weeks