

Everleaf Genovese Basil

GrowerFacts Extra

Culture Research, published 2018
from

PanAmericanSeed[®]

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HANDPICKED VEGETABLES & HERBS

OBJECTIVES

- To develop optimum seed number per cell in 288 and 128 plug trays
- To find out if directly sowing to final container size can speed up crop time



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MATERIALS AND METHODS

Plug sizes: 288 and 128

Sow Week: 24

Treatment:

- Seed per cell: 1, 2, 3 and 5
- Seed per quart pot: 3, 5 and 20

Transplant container sizes:

- 4", Quart, and 6" pot



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SOWING RESULTS

288 cell plugs are ready to transplant 2 weeks after sowing with 2, 3 or 5 seeds per cell.

Less seeds per cell will take one more week to transplant.



1 seed per cell

2 seeds per cell

3 seeds per cell

5 seeds per cell

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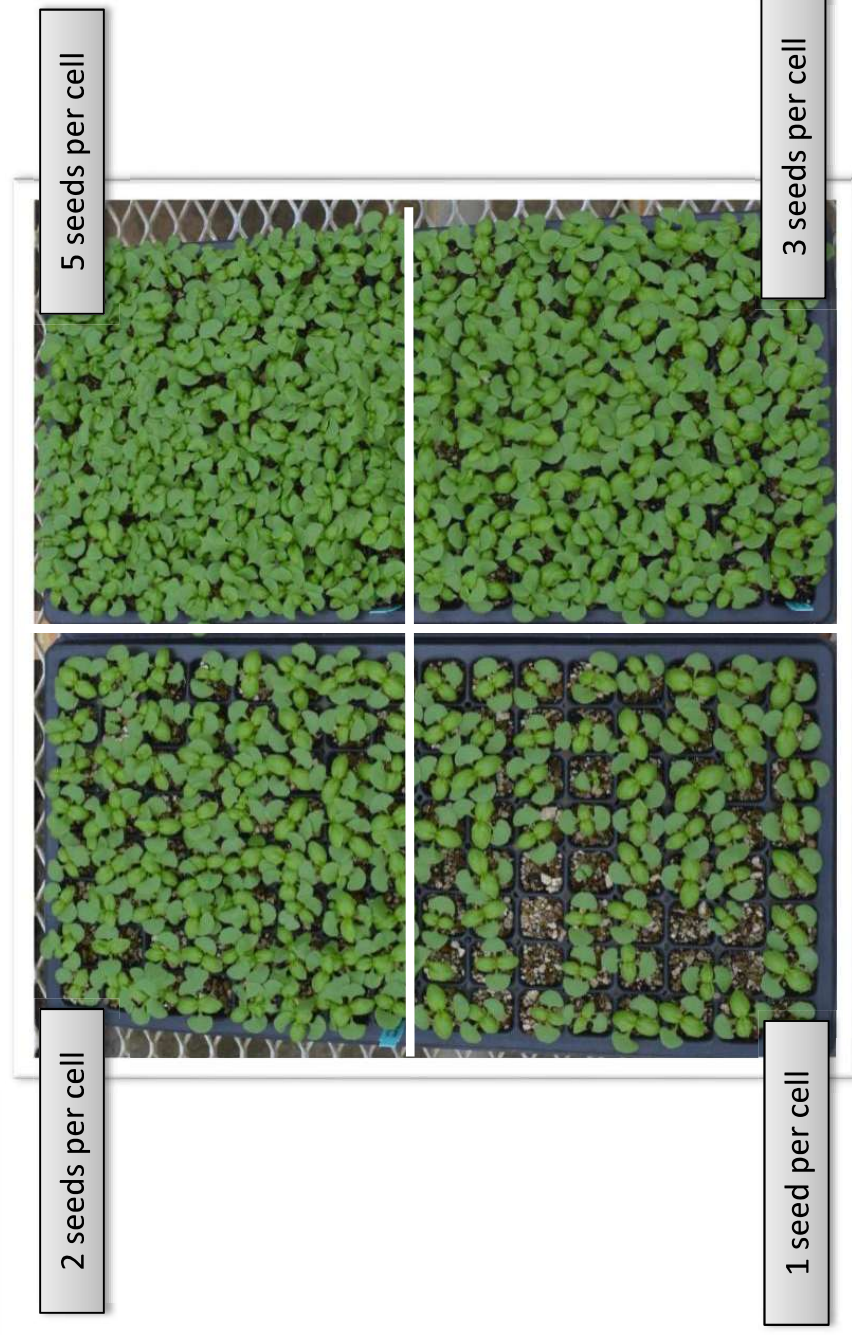


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SOWING RESULTS

128 cell plugs are ready to transplant 2 weeks after sowing with 3 or 5 seeds per cell.

Less seeds per cell will take one more week to transplant.



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TRANSPLANT RESULTS

2 weeks after sowing 288 cell with 2, 3 and 4 seeds per cell are ready for transplant.



2 weeks after sowing 128 cell with 3 or 4 seeds per cell are ready for transplant.



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TRANSPLANT RESULTS

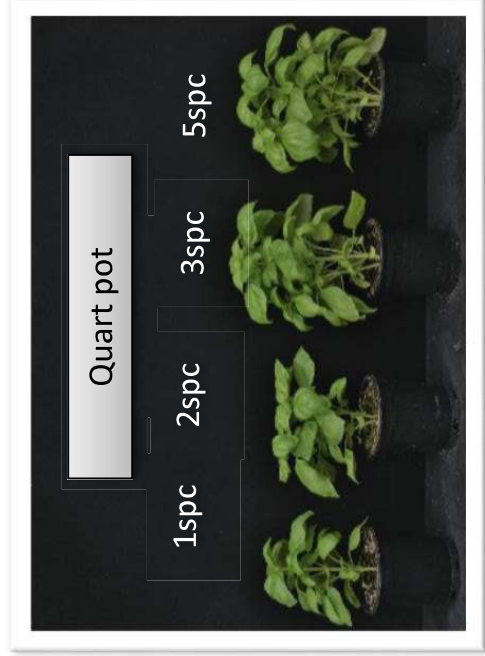
From a 288 cell, there is no significant difference between 2 to 5 seeds per cell no matter the container size.

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TRANSPLANT RESULTS

From a 128 cell, there is no significant difference between 2 to 5 seeds per cell no matter the container size.

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3 seeds per pot

5 seeds per pot

20 seeds per pot



20 seeds per pot 4 weeks after sowing

SOWING RESULTS

Sown directly to pots with 20 seeds per pot, ready to ship in 4 weeks from sowing.