

Rhode Island SWD trap-out experiment

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Six mid to late season varieties, 11 rows at commercial blueberry planting.
 Started out with dual baited trap in red cup (Apple cider vinegar plus floating specimen cup of yeast and whole wheat flour). August 7, switched to all flour and yeast bait because of Rich Cowles's findings.

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|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A. Northland (5) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | |
| B. Northland (5) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | |
| C. Blueray (4) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| D. Blueray(4) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| E. Bluecrop (5) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| F. Bluecrop (5) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| G. Chandler (7) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| H. Chandler (7) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| I. Darrow (8) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| J. Elliot (10) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |
| K. Elliot (10) | X | X | X | O | O | O | X | X | X | O | O | O | O | O | O | X | X | X | O | O | O |

Number in parentheses indicates fruiting season 1 = early , 10 = late

Treatment

X = Trap

O = Control (No trap)

9 ft between rows, 6 ft between plants

Traps set up July 3 – September 11; changed bait weekly. Collected 12 berries/bush each week from ripe varieties. Incubated at 80 F; after 7 days, counted SWD pupae & number of infested berries.

Results

Our trap-out didn't work – and statistically more SWD in blueberries with traps in some reps.