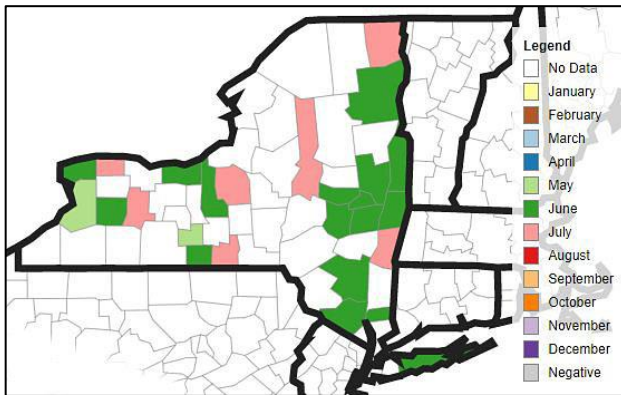


2019 Spotted Wing Drosophila (SWD) Monitoring Network

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As of July 29, 2019, all 38 SWD trapping locations reached sustained catch in the 27 counties where monitoring was taking place. First trap catch across the New York State network spanned 41 days, from May 30 (Erie County) through July 10 (Onondaga and Tioga Counties). All sites used the Scentry trap and lure.

Figure 1. 2019 SWD distribution map, showing the 27 counties where 134 traps were monitored.



This year fruit infestation levels that brought about closing of harvest and U-pick operations began in August for growers who were unwilling to continue spraying to protect the remaining fruit from infestation.

SWD populations built up relatively quickly. Sustained captures spanned only 53 days across the 38 trapping locations. Continuous catch followed first catch at all locations. Early and continuous buildup of SWD meant that growers initiated management tactics as soon as crops were ripening. This year egg-laying was detected in June strawberries collected in Ulster County—normally this crop is harvested before SWD builds to damaging levels.

Because of the high risk of SWD infestation, among the 44 blogs posted on blogs.cornell.edu/swd1/, Carroll wrote three on crop-specific SWD management.

- Managing SWD in blueberries. 2 August 2019.
- Managing SWD in raspberries & blackberries. 17 July 2019.
- High numbers of SWD in tart cherry in Columbia County, first catch. 4 July 2019.

Network Collaborators

| Person | Counties SWD traps were in |
|-------------------|--|
| Dave Thorp | Livingston |
| Don Gasiewicz | Wyoming |
| Elisabeth Hodgdon | Clinton, Essex |
| Faruque Zaman | Suffolk |
| Jim O'Connell | Ulster |
| Juliet Carroll | Wayne, Schuyler, Cayuga, Onondaga, Herkimer |
| Laura McDermott | Washington, Saratoga, Rensselaer, Albany, Columbia, Schenectady, Orange, Montgomery, Schoharie, Putnam |
| Craig Kalkhe | Niagara, Orleans |
| Peter Jentsch | Dutchess |
| Sharon Bachman | Erie |
| Shona Ort | Chemung, Tioga |

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