

George Hamilton, Anna Wallingford, Cheryl Smith, Jeremy DeLisle, Olivia Saunders, Heather Bryant

Insects/Mites:

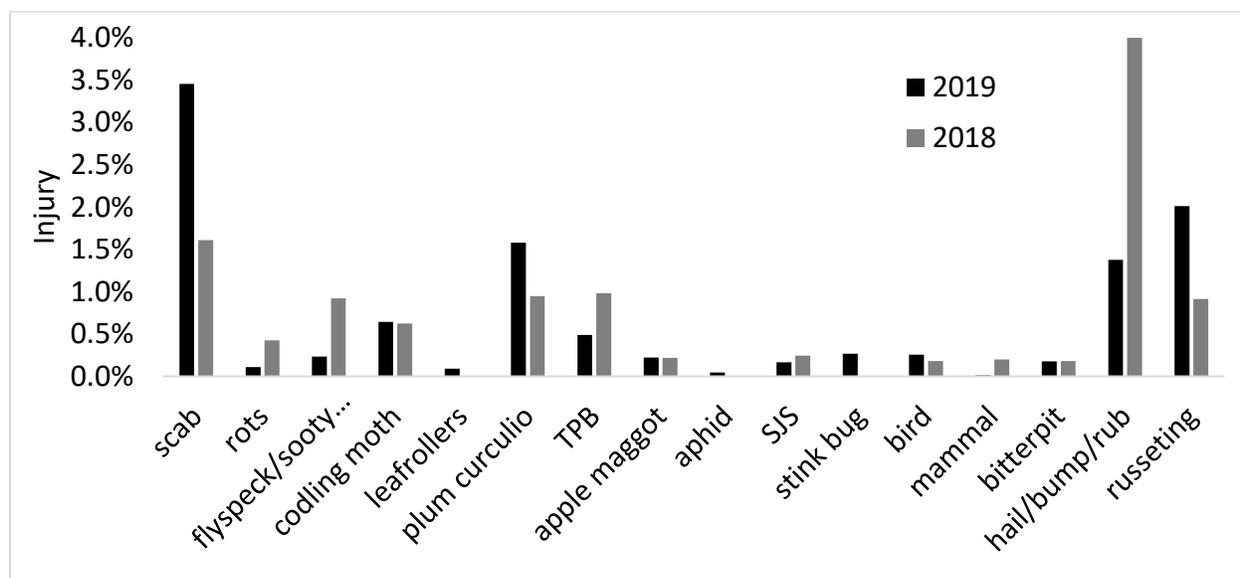
- Pheromone-baited pyramid traps captured BMSB adults in the 100's in many locations by mid-September. While % injury remains very low, we documented stink bug damage in roughly half of orchards during pre-harvest evaluations.
- Banner year for obscure lepidopteran pests? e.g. cherry fruitworm in blueberry, red-humped caterpillar in apple, blueberry

Diseases/Maladies:

- Injury due to apple scab was higher than 25 year averages, but very good control was achieved at orchards with careful management.
- Higher than normal russetting on fruit?

Vertebrates

- Back to "normal"?



Major Problems/Successes this Year and Plans for 2020

Lots of winter injury (especially blueberry), spring was cold/wet/too long and was followed by extreme heat in many areas.

Launched soil moisture sensor program (DeLisle): gained better understanding of when irrigation is beneficial, especially on young trees in the establishment phase.

Developing an Integrated Pest and Pollinator Management (IPPM) cost-sharing program in collaboration with NRCS and Xerces (additional handout of draft conservation practices draft sheet). Currently recruiting growers for a pilot program in 2020 and hiring a position dedicated managing the program.