

College of Agriculture, Health and Natural Resources Department of Plant Science and Landscape Architecture

Fruit IPM Report: 2021

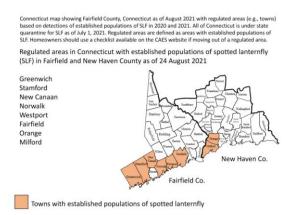
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Weather: Extremely wet and humid growing season resulted in growers sitting on sprayers way more than they prefer. Hail injury was spotty across the state but where it struck, it causes a great deal of damage.

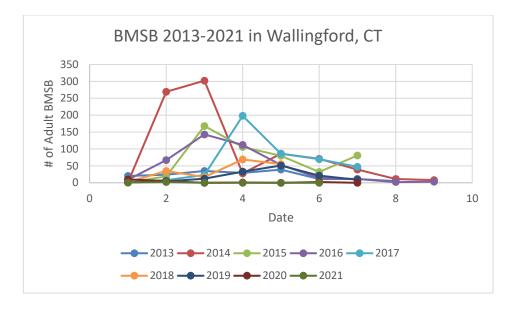
Diseases: Apple scab and fruit rots were the issues. Honeycrisp was hit particularly hard with bitter rot. Botrytis hit bramble and strawberry crops hard, particularly with 3 or more days of constant rain. Fireblight was widespread as a result of late flower buds on newly planted trees, as well as one grower who missed a spray during bloom. He has a history of Fireblight and this year it was exacerbated, losing several acres. Powdery mildew due to the high humidity is another widespread problem.

Insects:

• **Spotted Lanternfly:** Quarantine went into effect July 1, 2021 through December 31, 2021 for the entire state, with specific towns in Fairfield and New Haven Counties designated as regulated areas due to established populations. Movement of plant material requires a phytosanitary certificate or compliance agreement with the CT Agricultural Experiment Station. Several orchards and vineyards located in these areas are on high alert.



• **BMSB:** populations have continued to be low this year. Peak years were 2014-2017, dropped off in 2018 & 2019, almost non-existent in 2020 & 2021. Have not found the Samurai wasp but hope that is the reason. Used pheromone baited pyramid traps 2013-2020, added the clear Trece traps and lures in 2020, and only used the clear traps in 2021. Trapping took place at 16 locations across the state.



• **SWD**: Not much has changed with this insect. Shows up in June during strawberry season but has not created problems except with Malwina. Brambles were being sprayed beginning in early July.