

2011 NW Michigan Horticultural Research Station Scouting History

Average number of insects per trap unless otherwise noted

| Date | | 2-May | 9-May | 16-May | 23-May | 31-May | 6-Jun | 13-Jun | 20-Jun | 27-Jun | 5-Jul | 11-Jul | 18-Jul | 25-Jul | 1-Aug | 8-Aug | 16-Aug | 22-Aug | 29-Aug | 6-Sep | |
|---------------------|-----------------------------|-------|-------|--------|------------|--|---|---------------------|--------------------|--------------------|----------------------------------|--|------------------------------|---------------------------------------|----------------------|----------------------|--|----------------------|---|---|------------------------|
| DD50 | | 55 | 83 | 119 | 200 | 277 | 362 | 436 | 551 | 654 | 794 | 910 | 1063 | 1247 | 1408 | 1572 | 1719 | 1835 | 1958 | 2092 | |
| DD42 | | 150 | 215 | 296 | 429 | 556 | 686 | 810 | 981 | 1140 | 1344 | 1507 | 1716 | 1957 | 2173 | 2394 | 2605 | 2768 | 2948 | 3144 | |
| APPLE | Spotted tentiform leafminer | Set | 98 | 345 | 960 | 125 | 50 | 52.5 | 3 | 22 | 120 | x | x | 7 | 114 | 37 | x | x | x | x | |
| | Codling moth* | Set | 0 | 0 | 1 | 10 | 16 | 30 | 18 | 6 | 0 | 3 | 2 | 2 | 4 | 2 (2 traps) | 9 | x | 2 | 1 | |
| | Oblique-banded leafroller | Set | 0 | 0 | Larvae .1" | Larvae | Larvae 1" | Larvae 1" | 1 | 56 | 25 | 6 | 4 | <1 | <1 | 0 | 3 | x | 4 Larval damage visible | 7 | |
| | Oriental fruit moth | Set | 0 | 0 | 3 | 10 | 4 | 12 | 5 | 1 | 0 | x | x | 1 | 0 | 3 | x | x | x | x | |
| | Apple maggot** | x | x | x | x | x | x | x | x | x | 0 | 0 | 0 | 0 | 2 | 0 | 5 | x | 1 | 1 | |
| | Plum curculio | Set | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | x | 0 | x | 0 | 0 |
| | Mites | | | ERM | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | x | 0 | 0 |
| | San Jose Scale | Set | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | x | 0 | 0 |
| | Apple Scab | Set | | | | | Symptoms on suckers | 0 | End primary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | x | 0 | 0 |
| | Powdery mildew | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Present | Present | Minimal | Minimal | Minimal |
| Additional comments | | | | | | Rosy aphid reported | Rose Chafer | Rose Chafer | 0 | 0 | Green apple aphid | | Scouts reported apple maggot | | | | | x | | | |
| CHERRY | Oblique-banded leafroller | Set | 0 | 0 | 0 | 0 | Larvae (1") | Larvae-pupa | 4 | 14 | 13 | 8 | 5 | 5 | 1 | 2 | 10 | 18 | 28 | 5 | |
| | Lesser peachtree borer | Set | 0 | 0 | 0 | 0 | 5 | 4 | 2 | 1 | 3 | 3 | 7 | 8 | 3 | 2 | 1 | 2 | <1 | <1 | |
| | Greater peachtree borer | Set | x | x | x | x | x | Set | 0 | <1 | <1 | 1 | 3 | 8 | 9 | 6 | 3 | 4 | <1 | <1 | |
| | American plum borer | Set | 0 | 0 | 4 | 14 | 8 | 5 | 4 | <1 | <1 | 3 | 11 | 5 | 15 | 5 | 5 | 3 | 3 | 2 | |
| | Cherry fruit fly** | x | x | x | x | x | x | x | 0 | 0 | 9 | 63 | 140 | 170 | 330 | 16 | 61 | 6 | 2 | 0 | |
| | Black cherry fruit fly** | | | | | | | | 1 | 4 | 12 | 28 | 10 | 25 | 0 | 15 | 0 | 0 | 0 | 0 | |
| | Plum curculio** | Set | 0 | 9 | 7 | 5 | 2 damage visible | 10 - stings visible | 4 | 14 | 4 | 0 | 0 | 11 | 9 | x | 0 | 12 | 3. feeding damage | 0 | |
| | Green fruitworm | | 16 | 9 | 0 | 0 | 0 | larvae (1") | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Cherry leaf spot*** | 0 | 0 | 0 | 0 | 0 | Severity 1 | Severity 1 | Severity 1 | Severity 2 | Severity 3 | Severity 5 (Defoliation) | Severity 5 (Defoliation) | Severity 5 (Defoliation) | UTC defoliated | Defoliation | Defoliation | Defoliation | Defoliation | Defoliation | Complete defoliation |
| | American brown rot | | | | | | Sporulating mummies | | In cankered sweets | In cankered sweets | Variable | On tarts too | Tarts and sweets | Tarts and sweets | Tarts and sweets | Fruit drying down | Fruit drying down | Fruit drying down | Fruit drying down | Fruit drying down | |
| | Bacterial canker | | | | | | Leaf symptoms | | On fruit | On fruit | Tart leaves dropping | Tart leaves dropping | | | | | | | | | |
| | Powdery mildew | | | | | | early symp | 0 | 0 | 0 | 0 | 0 | 0 | Present on terminals | Present on terminals | Present on terminals | Present on terminals | Present on terminals | Present on terminals | Prevalent on terminals | Prevalent on terminals |
| Other | | | | | | Black cherry aphid, European brown rot becomes visible | Ladybug larvae, Forest tent caterpillar | lacewing | | | Potential phytotoxicity in tarts | Green ring mottle, higher black cherry aphid populations | Two spotted spider mites | Black cherry aphid activity continues | | | Black cherry aphid activity has subsided | | Plum curculio are still out and feeding | Plum curculio are still out and feeding | |

* total trap catch (8 traps)

** total trap catch (6 traps)

** total trap catch (4 traps)

***most severe infection observed

x - trap not set or down