

European Apple Sawfly

There is evidence that the sawfly has some slight varietal preferences. A larger than average number of fruit were attacked on earlier blooming and longer blooming apple varieties. This was not the case across the board, but was recordable.

Also, varieties which tend to set heavily had a larger percentage of attack. This was accentuated in those that tend to set in a “rope” of fruits (clustering along the branch). The significance of this condition is that it allows easier apple to apple infection of a single larva. Heavier setting varieties such as Prairie Spy and Liberty had higher damage, as did roping varieties like Patterson, and various crabs. This close proximity of fruit to fruit was also higher in attack in varieties that pair, like Oriole which almost always occurs as two apples tightly joined.

It should be noted, that nearly all varieties had some damage. Some badly affected cultivars did not appear to line up to any characteristics as noted above. Keepsake, for instance (neither early blooming, nor tightly clustered in 2014) had 60% of its fruit attacked in our count. There likely exists no truly e.a.s. resistant variety, though some categories of apple apparently are more likely to have greater damage if unregulated. It also is of note that cultural practices like timely thinning can be of great service in reducing damage and overall pest population.

Sampling : 10 apples per variety were examined for damage.

Key –

1 : 0-20%

2: 31-50%

3: 51 % or greater



European apple sawfly, now deceased, on a sticky trap

| CULTIVAR | EA Sawfly |
|-------------------|-----------|
| Ant 48 | 3 |
| Bowing | 3 |
| Breaky | 3 |
| Burgundy | 3 |
| Cranberry | 3 |
| Dolgo | 3 |
| Early Harvest | 3 |
| Equinox | 3 |
| Greensleeves | 3 |
| Haralred | 3 |
| Honeycrisp | 3 |
| Hyslop Crab | 3 |
| Kazakh 761 (k-17) | 3 |
| Keepsake | 3 |
| Leo | 3 |
| Liberty | 3 |
| Lodi | 3 |
| Mantet | 3 |
| McIntosh | 3 |
| Melba | 3 |
| Milwaukee | 3 |
| Noran | 3 |
| Norland | 3 |
| Oriole | 3 |
| Parkland | 3 |
| Patterson | 3 |
| Prairie Spy | 3 |
| Red Wealthy | 3 |
| Shafer | 3 |
| Spencer | 3 |
| Wealthy | 3 |
| Anoka | 2 |
| Beacon | 2 |
| Bedford | 2 |
| Collet | 2 |
| Dayton | 2 |
| Duchess | 2 |
| Dudley Winter | 2 |
| Fameuse | 2 |
| Heyer 12 | 2 |
| Irish Peach | 2 |

| CULTIVAR | EA Sawfly |
|-------------------------------|----------------------|
| Lobo | 2 |
| Marlin Stephens | 2 |
| Morden 359 | 2 |
| Niagara | 2 |
| Norda | 2 |
| Norson | 2 |
| Novamac | 2 |
| Quinte | 2 |
| Red Baron | 2 |
| Reine de Pomme | 2 |
| Selkirk | 2 |
| Slovianka | 2 |
| Summer Red | 2 |
| Vista Bella | 2 |
| Walden Calville | 2 |
| Walden Golden | 2 |
| Westland | 2 |
| Yarlington Mill | 2 |
| Yellow Transparent | 2 |
| 74818 | 1 |
| 75413 | 1 |
| Alexander | 1 |
| Almata | 1 |
| Antonovka 48 | 1 |
| Ashmead's Kernal | 1 |
| Autumn Arctic | 1 |
| Bethel | 1 |
| Black Oxford | 1 |
| Britemac | 1 |
| Budagovsky 118 | 1 |
| Budagovsky 9 | 1 |
| Centennial | 1 |
| Chestnut Crab | 1 |
| Connel Red | 1 |
| Cox's Orange Pippin | 1 |
| Crab 24 (False Yarlington) | 1 |
| Early Cortland | 1 |
| Erwin Bauer | 1 |
| Fireside | 1 |
| Freedom | 1 |
| Garland | 1 |
| Golden Russet | 1 |

| | |
|-----------------|---|
| Goodland | 1 |
| Gravenstein | 1 |
| Hazen | 1 |
| Hidden Rose | 1 |
| Honeygold | 1 |
| Howgate Wonder | 1 |
| Island Winter | 1 |
| Kazakh 739 | 1 |
| Lord Lambourne | 1 |
| Macfree | 1 |
| Macoun | 1 |
| Malinda | 1 |
| Minnehaha | 1 |
| Nova Easygro | 1 |
| NW Greening | 1 |
| Paula Red | 1 |
| Peace Garden | 1 |
| Pink Pearl | 1 |
| Pomme Gris | 1 |
| Pound Sweet | 1 |
| Rambo | 1 |
| Ranetka Crab | 1 |
| Red Burke | 1 |
| Red Rock | 1 |
| Regent | 1 |
| Rumpus | 1 |
| Safstaholm | 1 |
| Shiawassee | 1 |
| Smokehouse | 1 |
| Summer Pearmain | 1 |
| Sunrise | 1 |
| Sweet Sixteen | 1 |
| Trent | 1 |
| Wagener | 1 |
| Wedge | 1 |
| Westfield SNF | 1 |
| Whitney | 1 |
| Winesap | 1 |