





# Technical Bulletin for: Black Cherry Fruit Fly

*Rhagoletis fausta* (Osten Sacken) • Diptera, Tephritidae • RHAFAU



<b>DISTRIBUTION</b>	Northern United States and Canada.
<b>HOSTS</b>	Black cherry and other sweet and sour cherries, but not choke cherry or other stone fruit
<b>DESCRIPTION</b>	
<b>ADULT MOTH</b>	Smaller than the common house fly. Head and legs yellowish brown. Female has 4 abdominal crossbands while males have 3. Wings are clear with dark continuously connected bands.
<b>Larvae</b>	Creamy white legless maggot, about 8.5 mm long.
<b>Eggs</b>	Creamy white, slightly curved, about 0.6 mm long, deposited under the cherry skin.
<b>LIFE HISTORY</b>	The cherry fruit fly completes only one generation per year. It overwinters as a pupa in the soil, though pupae are affected by soil temperature and do not all develop at the same rate. Adults begin to emerge in May, about 5 weeks before harvest, and are active until 3 or 4 weeks after harvest. Peak emergence often coincides with harvest. Each Adult lives 16 to 35 days, depending on temperature.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	Ammonium Carbonate in a plastic sachet. Lure longevity: Twelve (12) weeks.	
<b>TRAP TO USE</b>	Yellow Sticky Card (2-sided or back-folding)	
<b>MONITORING STRATEGY</b>	Traps should be placed in the fruiting canopy of the tree. Clear the area around the trap (30 to 45 cm) of fruit and foliage to allow access. Check with a Cooperative Extension or Master Gardener for local information and recommendations.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Cherry fruit flies build up in unsprayed, non-commercial sweet or tart cherry trees planted in home orchards, abandoned cherry trees and in wild hosts. Such sources within 250 m should be removed. Destroy infested cherries before larvae emerge. Removing all cherries before they turn red will help reduce fruit fly numbers for the next season.	

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