





# Technical Bulletin for: Spotted Wing Drosophila

*Drosophila suzukii* (Matsumura) • Diptera: Drosophilidae • DROSUZ



<b>DISTRIBUTION</b>	Spotted Wing Drosophila (SWD) are native to southeast Asia and is established in China, India, Russia, Thailand and Korea. Now present in Europe and has been established in the US as well as Canada and Mexico.
<b>HOSTS</b>	Strawberries, sweet cherries, plums, peaches, mulberry, Asian pears, currants, blackberries, raspberries, marionberries, dogwood, currants, blueberry, cranberry, wine grapes. In addition, if the skin is broken following may be attacked: kiwi, fig, tomato, apple and pear.
<b>DESCRIPTION</b>	
<b>Adult Moth</b>	Yellowish-brown and small (3-4 mm) with red eyes.
<b>Larvae</b>	Cylindrical and milky-white in color. Larvae are .07 mm in length reaching up to 6 mm in length at maturity.
<b>Eggs</b>	Milky-white and translucent. The glossy eggs develop in the fruit in which they are laid.
<b>LIFE HISTORY</b>	Depending on temperature, a complete life cycle can be completed as quickly as 1-2 weeks. A single female can lay between 200-600 eggs during her lifespan (up to 60 per day). There is between 3 to 9 generations per year.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	Ethanol, acetic acid, methionol and acetoin absorbed on cardboard in a black pouch. Field life is 60 days	
<b>TRAP TO USE</b>	Back-folded Yellow Card	
<b>MONITORING STRATEGY</b>	Place traps before fruit begins to ripen and prior to flies beginning to lay eggs. Traps should be hung in the shade, among the foliage and near the fruit.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Good field sanitation is critical to prevent further spread of flies. Ripe fruit should be picked frequently to minimize population buildup. All damaged fruit should be removed from the field and destroyed, either by burial or disposal in closed containers. <i>Drosophila</i> flies are weak fliers but spread easily through infested fruits or by wind. Therefore, all nearby sources of fruit should be managed to eliminate flies.	

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