



LOUISIANA DEPARTMENT of
AGRICULTURE & FORESTRY

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Commissioner

PEST: Spotted-Wing Drosophila (*Drosophila suzukii*),

BASIC PROFILE: SWD is a small fruit fly that attacks strawberry, blueberry and blackberry fruit. Other fruit may also be at risk. It has been found in CA, FL, LA, OR and possibly other western states to date. Eggs are laid in the fruit. Hatching larvae feed inside, causing fruit to collapse and often resulting in fungus invasion. Adult flies are 2-3mm (1/16 – 1/8 inch), with tan bodies, dark-striped abdomens and red eyes. Males have a small dark spot on the leading edge of each wing. Larvae are tiny white maggots that develop inside fruit. Pupae may be found inside or outside fruit. There are other fruit flies in Louisiana that may resemble SWD.

LDAF ACTIVITY: LDAF may conduct surveys for SWD in the future if necessary. Survey would be accomplished by selecting high-risk sites (berry production operations, marketplace inspections) or through following up on public reports, LSU reports, or shipments of infested material that may enter the state. There are no federal restrictions in place. As needed, control recommendations would be solicited from LSU Extension in the form of best management practices and chemical applications. Infested fruit usually is not discovered until near harvest time when control is too late.

