

Section I  
Invasive and Emerging Pests

**2011 SPOTTED WING DROSOPHILA UPDATE**

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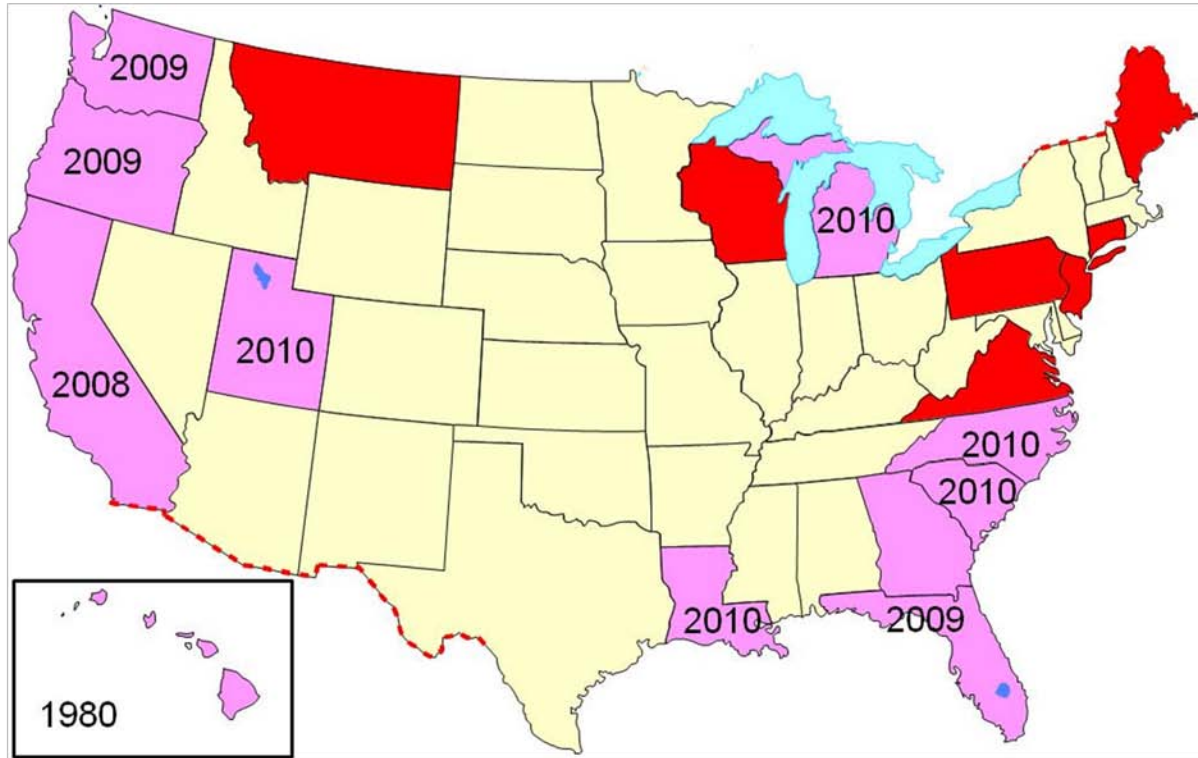
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The spotted wing Drosophila (SWD), *Drosophila suzukii*, was first reported in the Pacific Northwest in 2009. Because the fly is able to oviposit directly into intact ripe and ripening fruit it is of great concern to the small fruit industries in our region. Nationwide, Washington and Oregon are the top two producers of raspberries and 2<sup>nd</sup>-3<sup>rd</sup> in wine grapes, and both are top producers of blackberries, blueberries, cranberries and strawberries. The short generation time and infestation inside the fruit of this pest make control challenging. In cooperation with researchers in Oregon, California and Washington we have now completed our second field season of research to understand the biology of the fly, develop monitoring and management programs and educate growers of susceptible crops on how to effectively manage this new pest.

Research Highlights:

- Where has the fly spread since we last met?
- Identifying a better attractant and building a better trap.
- Improved larval monitoring techniques
- Insecticide application strategies
- Dispersal in and out of the field
- Resistance monitoring

# Where is SWD currently located?



2011, distribution map is subject to change and based on Oct 2011 records