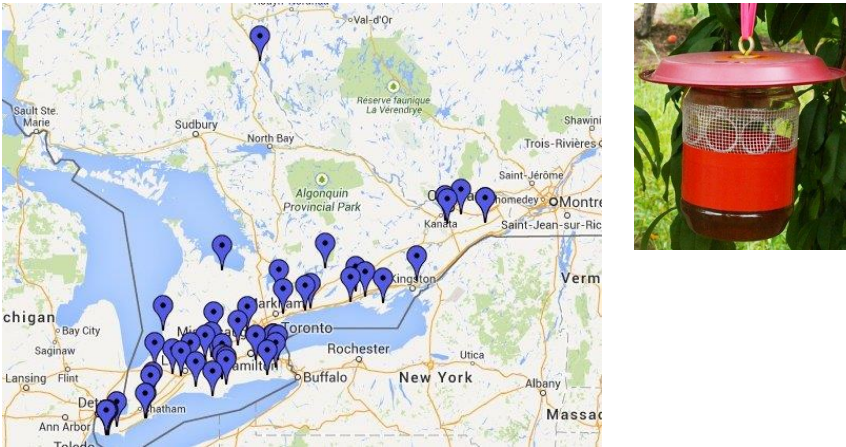


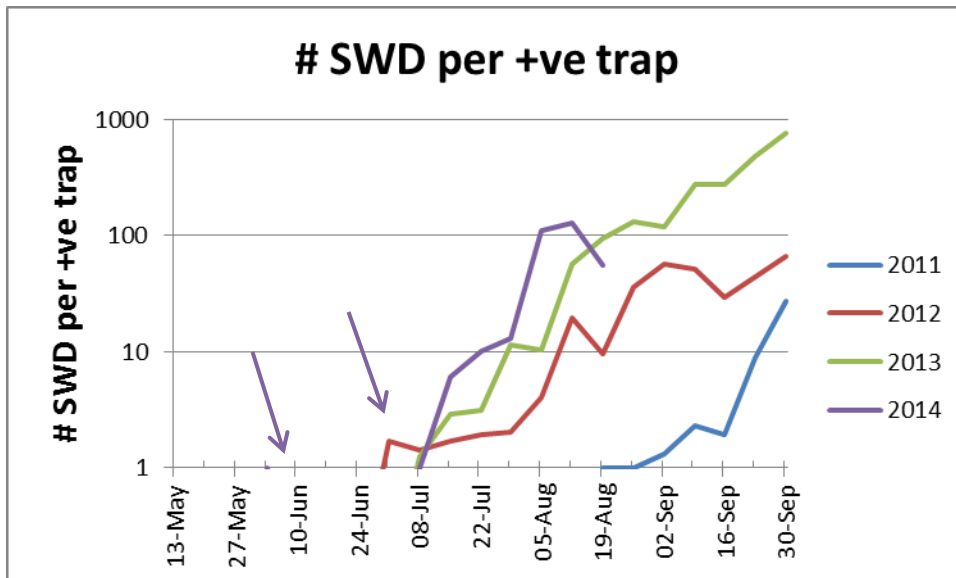
Pam Fisher  
Berry Crop Specialist  
1283 Blueline Road  
Simcoe, ON N3Y 4K3  
Tel: 519.426.7120  
Fax: 519.428.1142

**Ontario SWD report 2014 (P. Fisher, M Appleby, H. Fraser, D. Beaton, L Huffman)**



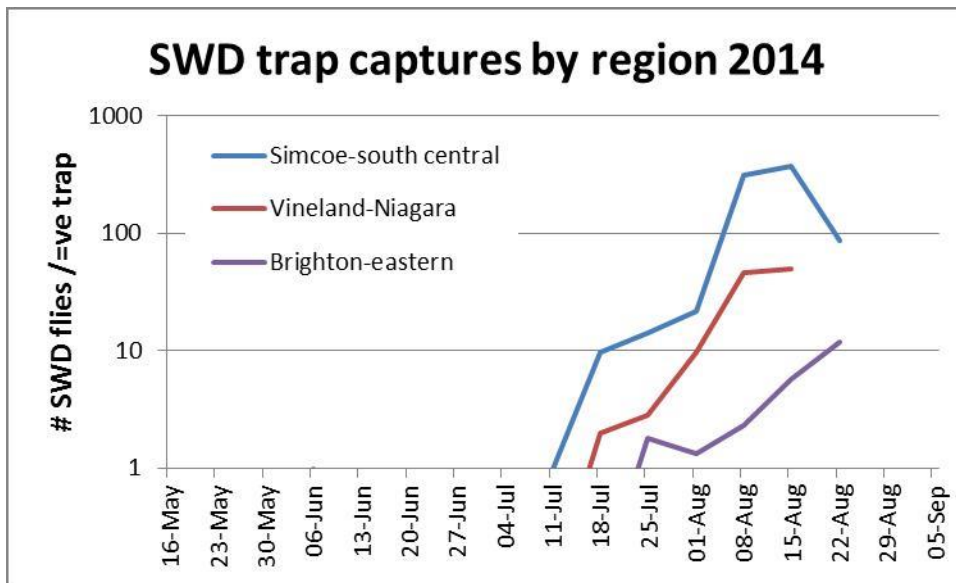
**Type of trap:** ACV plus ethanol, some traps with yeast. **Trap locations:** 51 sites, 3-5 traps per site. Mostly berry crops in 2014. (2011-13 included tender fruit and grapes)

**What we observed in 2014 (data incomplete at this time)**



Trend similar to 2012 +2013. Slightly earlier, and ramped more quickly. In 2014, first catch ( 1 fly) June 4 in eastern Ontario, before strawberry harvest. Second catch July 1, in southwestern Ontario, in wild hosts, during raspberry harvest.





Highest counts are in south central Ontario. Much less pressure in eastern Ontario and even Niagara?

**SWD damage assessments:** Collected over 200 fruit samples from June 10 to early Sept. to monitor damage, from south central and eastern Ont.

**First damage :** SWD was reared from

- black raspberries collected July 11
- wild honeysuckle collected July 11
- red raspberries (commercial) collected July 14 – (south central ON) July 29 (eastern ON)
- June strawberries –collected July 14 (south central ON)
- wild raspberries collected July 14
- overripe haskaps - collected July 21. None from samples collected at harvest June 26-July 7.
- sweet cherries collected July 22
- wild mulberries – not till Aug 1, (collected weekly since June 28)
- blueberries –July 31 (south central) and August 5 (eastern) (collected weekly since July 10)
- Local growers reported damage in blueberries last week of July or very early August.
- Presently a big problem in day neutral strawberries and fall bearing raspberries
- Most growers and/or consumers do not seem to recognize damage for what it is.

**General observations:** -Is SWD smaller or more variable in 2014?

**Other projects:**

Wendy McFadden Smith – grapes - finding SWD in the Pinot noir block. Rearing flies from clusters to compare SWD to *melanogaster*. Looking at botanical extracts as repellants and whether insecticide sprays reduce sour rot by killing off vector flies.

LISA M. EMILJANOWICZ, GERALDINE D. RYAN, AARON LANGILLE, AND JONATHAN NEWMAN

School of Environmental Sciences, University of Guelph, Guelph, Ontario N1G 2M7 Canada

J. Econ. Entomol. 107(4): 1392-1398 (2014); DOI: <http://dx.doi.org/10.1603/EC13504>

Development, Reproductive Output and Population Growth of the Fruit Fly Pest *Drosophila suzukii* (Diptera: Drosophilidae) on Artificial Diet.

Justin Renkma, Rebecca Hallet, University of Guelph: volatiles, baits, attractants, repellents. Interested in effect of predators. Recent paper accepted on trap design J Econ Ent