

# scaffolds

Update on Pest Management  
and Crop Development

F R U I T J O U R N A L

August 20, 2007

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Geneva, NY

INTERNAL  
MEMO

ORCHARD  
RADAR  
DIGEST



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## Geneva Predictions:

### **Codling Moth**

Codling moth development as of August 19: 2nd generation adult emergence at 97% and 2nd generation egg hatch at 81%.



## **Reminder**

### **NYS Agricultural Experiment Station 125th Anniversary Open House: September 15**

❖❖ Healthy food and healthy plants meet healthy people on a healthy planet at an Open House to celebrate the 125th anniversary of the New York State Agricultural Experiment Station (NYSAES) in Geneva, NY, on Saturday, September 15, from 10 a.m.-4 p.m. The event is free and open to the public. Enjoy exotic butterflies and other live insects; tours of labs, farms, and the Cornell Agriculture and Food Technology Park; tractors and heirloom gardens; wine, cider and jam tastings; a farmers' market, and more.

continued...

## PEST FOCUS

Geneva:

**San Jose scale** trap capture decreasing.

Highland:

**Redbanded leafroller** and **pear psylla** egg and nymph numbers increasing. **Apple maggot** trap capture moderating.

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- ❖ Orchard Radar Digest

### GENERAL INFO

- ❖ Events reminder

### PEST FOCUS

### UPCOMING PEST EVENTS

### INSECT TRAP CATCHES

Cornell University scientists at the Station will use interactive exhibits and field tours of cutting-edge research and outreach to showcase how their work impacts agriculture, food, and bio-based industries in New York. There will be hands-on exhibits for children of all ages while the contributions to agriculture that researchers at the Station have made over the years will be highlighted in historical tours and displays.

“Everyone is welcome to come and participate in the celebration,” said Station director Thomas J. Burr. “We were established by an act of the state legislature to promote agriculture in New York through scientific investigation, and have been working to do just that in New York ever since. The Station Open House is our opportunity to show the public some of the current research and outreach that furthers this legacy.” The Geneva Experiment Station officially opened its doors in 1882.

The Open House will include exhibits from the departments of horticultural sciences, entomology, plant pathology, and food science and technology. Participating partners include the USDA-ARS, the Cornell Agriculture and Food Technology Park, NYS Ag & Markets, the NYS Farm Bureau, the NYS Seed Laboratory, Integrated Pest Management (IPM), the NYS wine industry, the Strong Museum, and others.

Since becoming part of Cornell in 1923, NY-SAES has gained national prominence as a center for research focused on the production, protection, and utilization of fruit and vegetable crops, and has generated many billions of dollars for the New York State economy. To learn more, visit [www.nysaes.cornell.edu](http://www.nysaes.cornell.edu). ❖❖



## scaffolds

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## INSECT TRAP CATCHES (Number/Trap/Day)

	Geneva, NY				Highland, NY		
	8/13	8/17	8/20		8/6	8/13	8/20
Redbanded leafroller	0.8	1.5	0.3	Redbanded leafroller	0.4	0.5	1.9
Spotted tentiform leafminer	11.8	17.3	5.5	Spotted tentiform leafminer	26.9	22.4	12.9
Oriental fruit moth	1.4	2.6	1.0	Oriental fruit moth	2.3	2.7	1.9
Lesser appleworm	0.4*	0.6	0.0	Codling moth	2.4	0.9	0.4
San Jose scale	200	96.9	65.8	Lesser appleworm	3.9	5.2	2.1
American plum borer	0.3	0.0	0.0	Obliquebanded leafroller	0.7*	0.0	0.0
Lesser peachtree borer	0.0	0.1	0.0	Variiegated leafroller	0.2	0.1	0.3
Obliquebanded leafroller	0.0	0.0	0.0	Apple maggot	0.5	0.9	0.5
Peachtree borer	0.1	0.0	0.0	Tufted apple budmoth	0.1	0.0	0.0
Apple maggot	1.3	0.9	1.7				

\* first catch

## UPCOMING PEST EVENTS

	<u>43°F</u>	<u>50°F</u>
Current DD accumulations (Geneva 1/1–8/20/07):	2792	1928
(Geneva 1/1–8/20/2006):	2897	1989
(Geneva "Normal"):	2784	1878
(Geneva 1/1–8/27/2007, Predicted):	2988	2075
(Highland 3/1–8/20/07):	3078	2279
<u>Coming Events:</u>	<u>Ranges (Normal±StDev):</u>	
Comstock mealybug 2nd gen. crawlers peak	2380–2624	1658–1737
Codling moth 2nd flight peak	2005–2835	1337–1977
Redbanded leafroller 3rd flight peak	2761–3249	1899–2337
Spotted tentiform leafminer 3rd flight peak	2606–3050	1782–2124
Obliquebanded leafroller 2nd flight peak	2620–3016	1784–2108
Oriental fruit moth 3rd flight peak	2641–3249	1821–2257
San Jose scale 2nd gen. crawlers emerging	2746–2852	1916–2104
San Jose scale 2nd flight subsides	2639–3349	1785–2371
Lesser appleworm 2nd flight peak	2159–3213	1443–2229
Peachtree borer flight subsides	2523–3157	1708–2202

NOTE: Every effort has been made to provide correct, complete and up-to-date pesticide recommendations. Nevertheless, changes in pesticide regulations occur constantly, and human errors are possible. These recommendations are not a substitute for pesticide labelling. Please read the label before applying any pesticide.

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