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Update on Pest Management
and Crop Development

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

August 11, 2008

VOLUME 17, No. 21

Geneva, NY

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SEPTEMBER FIELD DAY – 2nd Notice

❖❖ Please remember to make plans to attend the annual N.Y. Fruit Pest Control Field Day, which will take place during Labor Day week on Sept. 3 and 4, as dictated by tradition. This year, the dates fall on the

Wednesday and Thursday of the week,

with the Geneva installment taking place first (Wednesday Sept. 3), and the Hudson Valley installment on the second day (Thursday Sept. 4). Activities will commence in Geneva on the 3rd, with registration, coffee, etc., in the lobby of Barton Lab at 8:30 am. The tour will proceed to the orchards to view plots and preliminary data from field trials involving new fungicides, bactericides, miticides, and insecticides on tree fruits and grapes. It is anticipated that the tour of field plots will be completed by noon. On the 4th, participants will register at the Hudson Valley Laboratory starting at 8:30, after which we will view and discuss results from field trials on apples. ❖❖

Geneva Predictions:

Codling Moth

Codling moth development as of August 11:
2nd generation adult emergence at 72% and
2nd generation egg hatch at 33%.

2nd generation 30% CM egg hatch: August 10
(= target date where one spray needed to control
2nd generation CM).



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INSECT TRAP CATCHES (Number/Trap/Day)

Geneva, NY				Highland, NY	
	<u>8/4</u>	<u>8/7</u>	<u>8/11</u>		<u>8/4</u>
Redbanded leafroller	0.6	0.8	0.1	Redbanded leafroller	0.1
Spotted tentiform leafminer	5.6	6.0	11.9	Spotted tentiform leafminer	41.9
Oriental fruit moth	0.3	0.5	0.6	Oriental fruit moth	0.9
American plum borer	0.0	0.2	0.3	Codling moth	1.2
Lesser peachtree borer	0.0	0.0	0.0	Lesser appleworm	3.9
Lesser appleworm	0.3	0.3	0.4	Obliquebanded leafroller	0.2
San Jose scale	2815	992	322	Tufted apple budmoth	0.0
Codling moth	0.3	0.2	0.1	Fruittree leafroller	0.0
Obliquebanded leafroller	0.3*	0.0	0.1	Apple maggot	0.1
Peachtree borer	0.0	0.0	0.0	Lesser peachtree borer	0.1
Apple maggot	7.0	3.3	1.9	Dogwood borer	0.2

* first catch

UPCOMING PEST EVENTS

	<u>43°F</u>	<u>50°F</u>
Current DD accumulations (Geneva 1/1–8/11/08):	2555	1733
(Geneva 1/1–8/11/2007):	2567	1765
(Geneva "Normal"):	2579	1731
(Geneva 1/1–8/18 Predicted):	2735	1864
<u>Coming Events</u>	<u>Ranges (Normal ±StDev):</u>	
Oriental fruit moth 3rd flight begins	2349–2753	1606–1902
Oriental fruit moth 3rd flight peak	2650–3242	1828–2252
Apple maggot flight peak	2118–2570	1021–1495
Apple maggot flight subsides	2772–3374	1908–2368
Codling moth 2nd flight peak	2005–2835	1337–1977
Spotted tentiform leafminer 3rd flight begins	2286–2668	1531–1881
Spotted tentiform leafminer 3rd flight peak	2607–3043	1782–2118
Comstock mealybug 2nd gen. crawlers peak	2380–2624	1658–1737
Comstock mealybug 2nd gen. crawlers subside	2735–2771	1794–1958
Lesser appleworm 2nd flight peak	2197–3217	1471–2233
Redbanded leafroller 2nd flight subsides	2190–2706	1485–1875
Redbanded leafroller 3rd flight begins	2657–2969	1827–2085
Obliquebanded leafroller 2nd flight peak	2620–3016	1784–2108
Peachtree borer flight subsides	2525–3145	1710–2194

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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