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Update on Pest Management
and Crop Development

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

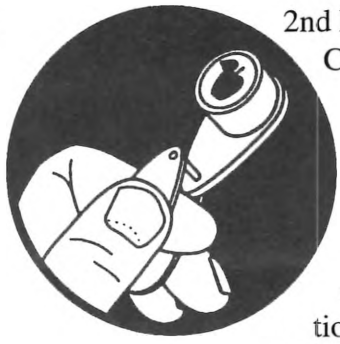
August 14, 2006 VOLUME 15, No. 22 Geneva,

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DIGEST



2nd NOTICE - TREE FRUIT PEST
CONTROL FIELD DAY

Geneva Predictions:

Codling Moth

Codling moth development as of August 14:
2nd generation adult emergence at 93% and
2nd generation egg hatch at 71%.❖❖

MODEL BUILDING:

❖❖ Insect model degree day accumula-
tions:

DD45 since 1st Oriental Fruit Moth 2nd gen-
eration catch, July 5 (90% egg hatch @ 970-
995):

- APPLETON: 990
- KNOWLESVILLE: 1001
- SODUS: 902
- WILLIAMSON: 965

[NOTE: Consult our mini expert system for ar-
thropod pest management, the
Apple Pest Degree Day Calculator
[http://www.nysaes.cornell.edu/ipm/specware/
newa/appledd.php](http://www.nysaes.cornell.edu/ipm/specware/newa/appledd.php)

Find accumulated degree days between dates
with the Degree Day Calculator
[http://www.nysaes.cornell.edu/ipm/specware/
newa/](http://www.nysaes.cornell.edu/ipm/specware/newa/)

Powered by the NYS IPM Program's NEWA
weather data and the Baskerville-Emin
formula]❖❖

❖❖ 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. 7 and 8, as dictated by tradi-
tion. As we have done in the past to
accommodate participants who may wish
to attend other area tours earlier in the week,
the dates fall on the Thursday and Friday of the
week, with the Geneva installment taking place
first (Thursday Sept. 7), and the Hudson Valley
installment on the second day (Friday Sept. 8).
Activities will commence in Geneva on the 7th,
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 8th, participants will register at the Hudson
Valley Laboratory starting at 8:30, after which
we will view and discuss results from field tri-
als on apples.❖❖

IN THIS ISSUE...

INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building

GENERAL INFO

- ❖ Fruit Field Day - 2nd Notice

INSECT TRAP CATCHES

UPCOMING PEST EVENTS

scaffolds

Dept. of Entomology
NYS Agricultural Exp. Sta.
Barton Laboratory
Geneva, NY 14456-0462

UPCOMING PEST EVENTS

	<u>43°F</u>	<u>50°F</u>
Current DD accumulations (Geneva 1/1–8/14/06):	2739	1873
(Geneva 1/1–8/14/2005):	2803	1975
(Geneva "Normal"):	2610	1754
(Geneva 1/1–8/21 Predicted):	2930	2015

<u>Coming Events:</u>	<u>Ranges(Normal±StDev):</u>	
Spotted tentiform leafminer 3rd flight peak	2599–3045	1775–2121
Redbanded leafroller 3rd flight peak	2746–3206	1881–2327
San Jose scale 2nd flight subsides	2639–3349	1785–2371
Obliquebanded leafroller 2nd flight peak	2620–3016	1784–2108
Oriental fruit moth 3rd flight peak	2641–3249	1821–2257
Lesser appleworm 2nd flight peak	2197–3259	1473–2263
Apple maggot flight subsides	2772–3374	1908–2368

**INSECT TRAP CATCHES
(Number/Trap/Day)****Geneva, NY****Highland, NY**

	<u>8/7</u>	<u>8/10</u>	<u>8/14</u>		<u>7/31</u>	<u>8/7</u>
Redbanded leafroller	0.7	0.5	0.4	Spotted tentiform leafminer	33.4	23.3
Spotted tentiform leafminer	15.2	3.2	2.9	Oriental fruit moth	0.9	3.1
Lesser appleworm	0.0	0.3	0.0	Codling moth	1.7	0.8
Oriental fruit moth	0.3	0.0	0.0	Obliquebanded leafroller	0.0	0.2
San Jose scale	717	188	142	Fruit tree leafroller	0.0	0.0
American plum borer	0.2	0.3	0.0	Tufted apple budmoth	0.0	0.0
Lesser peachtree borer	0.2	0.0	0.0	Variiegated leafroller	0.0	0.1
Dogwood borer	0.4	–	0.4	Lesser peachtree borer	2.4	0.4
Obliquebanded leafroller	0.0	0.0	0.0	Dogwood borer	0.1	0.6
Peachtree borer	0.3	0.0	0.0	Lesser appleworm	2.4	3.7
				Apple maggot	0.4	2.0
				Redbanded leafroller	0.0	0.9

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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