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Update on Pest Management
and Crop Development

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

August 22, 2016

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Geneva, NY

LAST BLAST

ORCHARD
RADAR
DIGEST

❖❖ Geneva Predictions:

Codling Moth

Codling moth development as of August 22: 2nd generation adult emergence at 100% and 2nd generation egg hatch at 92%.



CORNELL FRUIT PEST CONTROL FIELD DAYS

The N.Y. Fruit Pest Control Field Days will take place during Labor Day week on Sept. 7-8 this year, with the Geneva portion taking place on Wednesday Sept. 7, and the Hudson Valley installment on the second day (Thursday 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. It is anticipated that the tour of field plots will be completed before noon. On the 8th, participants will register at the Hudson Valley Laboratory starting at 8:30, after which they will view and discuss results from field trials on apples and other fruit crops. No pre-registration is required for either event.

PEST FOCUS

Highland: Large increase in SJS males observed.
Decrease in Apple Maggot adults trapped.

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UPCOMING PEST EVENTS

TRAP CATCHES

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INSECT TRAP CATCHES (Number/Trap)

	Geneva, NY				Highland, NY	
	<u>8/12</u>	<u>8/15</u>	<u>8/19</u>		<u>8/15</u>	<u>8/22</u>
Redbanded leafroller	8.5	25.0	19.0	Redbanded leafroller	38.52	18.0
Spotted Tentiform Leafminer	57.0	39.0	40.0	Spotted Tentiform Leafminer	74.0	13.0
Oriental Fruit Moth	9.5	4.0	3.0	Oriental Fruit Moth	14.0	8.5
Lesser Apple Worm	2.0	1.5	4.5	Lesser Appleworm	26.0	19.5
Codling Moth	7.5	11.0	8.5	San Jose Scale	9.0	481.5
Lesser Peachtree Borer	5.5	3.5	4.0	Codling Moth	41.5	20.0
Obliquebanded Leafroller	1.0	1.0	0.0	Obliquebanded Leafroller	14.5	11.5
Pandemis Leafroller	0.5	0.0	1.0	Dogwood Borer	8.5	4.5
Dogwood Borer	0.0	1.0	0.0	Brown Marmorated Stink Bug	0.0	0.0
Peachtree Borer	4.0	5.5	2.0	Apple Maggot	14.8	4.8
Apple Maggot	0.3	0.3	0.3			

UPCOMING PEST EVENTS

	<u>43°F</u>	<u>50°F</u>
Current DD accumulations (Geneva 1/1–8/22/16):	2963.3	2073.8
(Geneva 1/1–8/22/2015):	2708.1	1867.1
(Geneva "Normal"):	2877.7	1986.4
(Geneva 1/1-8/29, predicted):	3161.3	2222.8
(Highland 1/1–8/22/16):	3487.4	2468.8
<u>Coming Events:</u>	<u>Ranges (Normal ±StDev):</u>	
Apple maggot subsides	2772-3258	1907-2283
American plum borer 2nd flight subsides	2927-3353	2018-2372
Codling moth 2nd flight subsides	2846-3462	1923-2447
Lesser appleworm 2nd flight subsides	2794-3488	1918-2422
Lesser peachtree borer flight subsides	2996-3446	2017-2433
Obliquebanded leafroller 2nd flight subsides	3108-3468	2126-2448
Oriental fruit moth 3rd flight peak	2650-3200	1822-2216
Redbanded leafroller 3rd flight peak	2704-3174	1867-2201
all DDs Baskerville-Emin, B.E.		

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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