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Update on Pest Management and Crop Development

August 22, 2016

COMING EVENTS

	43°F	50°F
Current DD* accumulations		
(Geneva 1/1-8/22):	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):	3487.4	2468.8

Upcoming Pest Events – Ranges (Normal +/- Std Dev):

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.]		

TRAP CATCHES

Geneva (Number/trap)

	8/8	8/12	8/15	8/19
Redbanded Leafroller	2.0	8.5	25.0	19.0
Spotted Tentiform Leafminer	48.0	57.0	39.0	40.0
Oriental Fruit Moth	1.0	9.5	4.0	3.0
Lesser Apple Worm	0.0	2.0	1.5	4.5
Codling Moth	4.5	7.5	11.0	8.5
American Plum Borer	0.0	0.0	0.0	0.0
Lesser Peachtree Borer	4.0	5.5	3.5	4.0
Obliquebanded Leafroller	0.5	1.0	1.0	0.0
Pandemis Leafroller	0.5	0.5	0.0	1.0
Dogwood Borer	0.0	0.0	1.0	0.0
Peachtree Borer	1.0	4.0	5.5	2.0
Apple Maggot	0.0	0.3	0.3	0.3

Highland (Peter Jentsch)

	8/1	8/8	8/15	8/22
Redbanded Leafroller	6.0	11.5	38.5	18.0
Spotted Tentiform Leafminer	132.0	56.0	74.0	13.0
Oriental Fruit Moth	6.5	8.5	14.0	8.5

Lesser Appleworm	15.5	14.5	26.0	19.5
San Jose Scale	70.0	35.5	9.0	481.5
Codling Moth	61.0	40.0	41.5	20.0
Obliquebanded Leafroller	14.0	12.0	14.5	11.5
Dogwood Borer	6.5	2.0	8.5	4.5
Brown Marmorated Stink Bug	0.0	0.0	0.0	0.0
Apple Maggot	11.0	4.0	14.8	4.8

* 1st catch

Pest Focus

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

ORCHARD RADAR DIGEST

[Box Text: LAST BLAST]

Geneva Predictions:

Codling Moth

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

[Section: GENERAL INFO]

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.

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