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Update on Pest Management and Crop Development

August 21, 2017

COMING EVENTS

	43°F	50°F
Current DD* accumulations		
(Geneva 1/1-8/21):	2736.4	1775.1
(Geneva 1/1-8/21/2016):	2938.8	2056.3
(Geneva "Normal"):	2859.3	1973.6
(Geneva 1/1-8/28, predicted):	2884.9	1874.6
(Highland 1/1-8/21):	3274.0	2265.0

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

American plum borer

2nd flight subsides..... 2927-3353 2018-2372

Apple maggot flight subsides 2772-3258 1907-2283

Codling moth

2nd flight subsides..... 2846-3462 1923-2447

Lesser appleworm

2nd flight subsides..... 2794-3488 1918-2422

Obliquebanded leafroller

2nd flight peak..... 2605-3019 1767-2101

Oriental fruit moth

3rd flight peak 2650-3200 1822-2216

Peachtree borer flight subsides .	2478-3126	1672-2180
Redbanded leafroller		
3rd flight peak	2704-3174	1867-2201
Spotted tentiform leafminer		
3rd gen flight peak.....	2561-3002	1743-2093
White apple leafhopper		
2nd brood adults 1st catch.....	2770-3098	1948-2252
*[all DDs Baskerville-Emin, B.E.]		

TRAP CATCHES (Number/trap)

Geneva

	8/10	8/14	8/17	8/21
Redbanded Leafroller	1.0	3.0	5.5	25.0
Spotted Tent. Leafminer	140.5	325.5	128.0	171.0
Oriental Fruit Moth	11.5	54.5	21.5	21.5
Codling Moth	13.0	34.0	9.0	31.5
Lesser Peachtree Borer	1.0	7.0	5.0	10.5
Peachtree Borer	1.0	2.0	1.5	1.5
Dogwood Borer	0.0	0.0	0.0	0.0
Obliquebanded Leafroller	4.0	9.0	2.0	4.5
Apple Maggot	0.7	5.3	2.3	1.0

Highland (Peter Jentsch)

	7/31	8/7	8/14	8/21
Redbanded Leafroller	14.5	10.0	11.5	24.0
Spotted Tent. Leafminer	188.0	198.5	208.0	325.0

Oriental Fruit Moth	6.5	2.5	1.5	12.0
Lesser Appleworm	12.5	13.0	5.0	4.5
Obliquebanded Leafroller	6.0	3.5	5.0	2.0
Codling Moth	42.5	16.5	3.5	9.0
San Jose Scale	598.0	227.0	885.5	317.5
Sparganothis Fruitworm	1.0	1.0	0.0	0.0
Variegated Leafroller	0.0	2.0	3.0	2.0
Tufted Apple Bud Moth	2.5	0.0	0.0	0.0
Dogwood Borer	16.0	29.5	15.5	12.0
Apple Maggot	2.8	1.5	2.3	1.3

ORCHARD RADAR DIGEST

[H = Highland; G = Geneva]:

Codling Moth

Codling moth development as of August 21:

2nd generation adult emergence at 100% (H)/90% (G)
and 2nd generation egg hatch at 91% (H)/63% (G).

[Section: GENERAL INFO]

EVENT ANNOUNCEMENTS

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 Thursday Sept. 7, and the Hudson Valley installment on the second day, Friday, Sept. 8 (yes, that's a day later in the week than we usually hold it, but we've decided to push it back to accommodate some of our presenters' teaching schedules). 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 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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