

SCAFFOLDS Fruit Journal, Geneva, NY

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Update on Pest Management and Crop Development

August 20, 2018

COMING EVENTS

	43°F	50°F
Current DD* accumulations		
(Geneva 1/1-8/20):	2816.3	1993.0
(Geneva 1/1-8/20/2017):	2709.9	1808.6
(Geneva "Normal"):	2820.9	1939.7
(Geneva 1/1-8/27, predicted):	3009.8	2137.5
(Highland 1/1-8/20):	3105.2	2216.1
Upcoming Pest Events – Ranges (Normal +/- Std Dev):		
Apple maggot flight 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
Oriental fruit moth		
3rd flight subsides.....	2928-3412	1978-2310

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

TRAP CATCHES (Number/trap)

Geneva

	8/10	8/13	8/17	8/20
Redbanded Leafroller	2.5	1.5	5.0	1.5
Spotted Tentiform LM	91.5	111.0	44.5	23.5
Oriental Fruit Moth	46.0	35.5	64.5	52.0
Codling Moth	44.0	34.5	45.5	16.5
Lesser Peachtree Borer	11.0	6.0	7.5	4.0
Obliquebanded Leafroller	1.0	0.0	0.5	1.0
Peachtree Borer	5.5	2.0	1.0	0.0
Apple Maggot	0.7	0.0	0.7	0.3

Highland (Peter Jentsch)

	7/30	8/6	8/13	8/20
Redbanded Leafroller	11.5	8.5	9.5	48.0
Spotted Tentiform LM	86.0	140.0	114.0	54.5
Lesser Appleworm	0.5	0.5	0.5	1.5
Oriental Fruit Moth	1.5	1.0	1.0	5.0
Codling Moth	45.5	26.0	1.5	12.0

San Jose Scale	1328	1655	-	134.0
Obliquebanded Leafroller	1.0	0.0	1.0	0.5
Dogwood Borer	-	4.5	3.5	1.0
Tufted Apple Bud Moth	0.0	0.0	0.0	2.5
Sparganothis Fruitworm	0.0	.0	0.5	2.5
Apple Maggot	10.3	7.5	10.0	8.3

ORCHARD RADAR DIGEST

[H = Highland; G = Geneva]:

Codling Moth

Codling moth development as of August 13:

2nd generation adult emergence at 100% (H)/98% (G)
and 2nd generation egg hatch at 97% (H)/83% (G).

[Section: GENERAL INFO]

EVENT ANNOUNCEMENTS

CORNELL FRUIT PEST CONTROL FIELD DAYS

& Networking Lunch with Industry

The Cornell Fruit Pest Control Field Days will take place during Labor Day week on Sept. 6-7 this year, with the Geneva portion taking place on Thursday Sept. 6, and the Hudson Valley installment on the second day, Friday, Sept. 7. Activities will commence in Geneva

on the 6th, 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.

This year, we are inviting all of our Geneva-based graduate students (not just fruit people) to join the tour, to give them an opportunity to observe industry product efficacy in the field, showcasing the latest pest management materials and techniques, and to meet and network with the consultants and agrichemical industry representatives in attendance. Following the field presentations, lunch will be served to all attendees at Barton Lab. While the field tour will be fruit-oriented, representatives and consultants attend from a wide range of companies and businesses, relevant to many sectors of agriculture. They will each have an opportunity to give a brief overview at lunch about their business and what they look for in prospective employees. This will be an excellent networking opportunity for ALL graduate students.

On Sept. 7th, 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.

BIOCONTROLS USA EAST CONFERENCE & EXPO

Rochester Riverside Hotel

Rochester, NY - October 11-12, 2018

Industry experts will lead you through the latest biological control strategies and products that growers are using to succeed during workshops, tours, and educational sessions devoted to the challenges and opportunities specific to the Northeast region. Full agenda available at BiocontrolsConference.com.

Register by this Friday, August 24th to receive \$50 off of your conference registration.

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those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.

The Cornell Pest Management Guidelines for Commercial Tree Fruit Production (aka 'The Recommends') is available from the Cornell Store, both in a printed book format as well as online; visit <https://ipmguidelines.org/> for purchasing details.

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