



**“Fruit Facts” – Thursday, August 5 2021**

**Register today for the LOF summer tour!**

It will be held \*in-person\* in Marion/Williamson, NY on August 12<sup>th</sup>.

2.5 DEC credits offered.

**Pre-registration will be required for attendance for any part of the tour.** It is especially important for lunch counts/seating, and contact tracing. **Walk-ins will not be accepted.**

**Pre-register by Monday August 9<sup>th</sup>** at: [https://lof.cce.cornell.edu/event\\_preregistration\\_new.php?id=1548](https://lof.cce.cornell.edu/event_preregistration_new.php?id=1548) If you would rather call in to register yourself and others from your organization, please call Kim Hazel at 585-798-4265, ext 26, or email [krh5@cornell.edu](mailto:krh5@cornell.edu). You’ll need to give contact numbers.

**Thanks to Our Tour Sponsors!**

**Platinum**

- Agrofresh
- Certis
- Empire Drip Supply
- Gowan
- Keurig-Dr. Pepper (Mott's)
- Nutrien Ag Solutions
- OESCO
- OVS
- Provide Agro
- Trece
- Vestaron
- Wafler Nursery

**Gold**

- Agro-K
- BASF
- Bayer
- American Fruit Scout
- FMC
- Hess Brothers
- Mastronardi BerryWorld & WOW
- New York Apple Sales
- Valent

**Silver**

- Adams County Nursery
- ADAMA
- Arthur Carroll Insurance Agency
- Crop Growers
- Felco
- Growmark FS
- HH Dobbins, Inc.
- Huron Fruit Systems
- Sun Orchard Fruit Co.

**Bronze**

- DrapeNet
- Helena AgriEnterprises
- Yara North America, Inc.

Recording available from **“Why are my trees growing so poorly?”** webinar

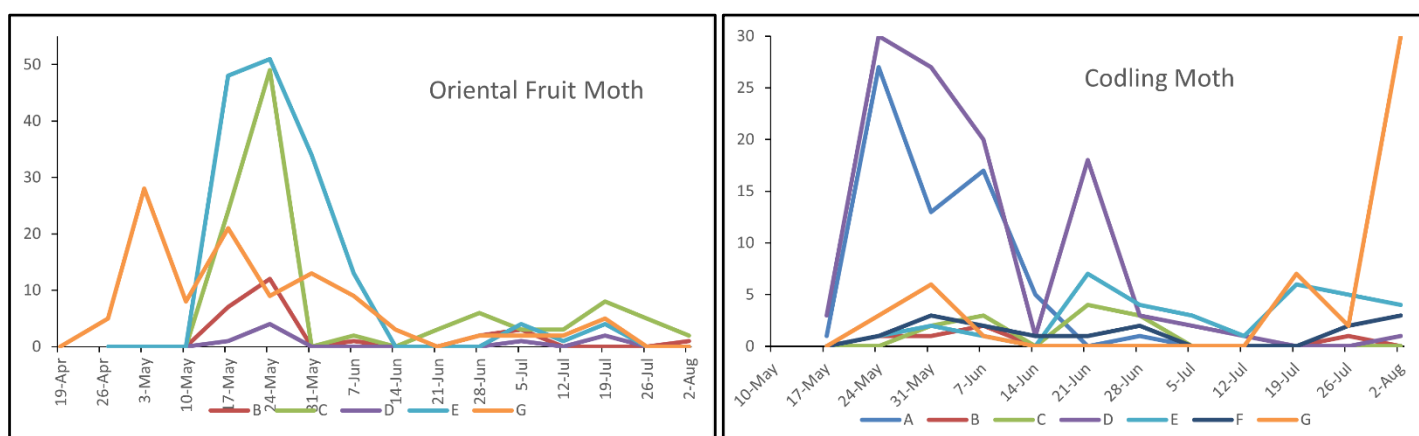
View online at any time at: <https://youtu.be/9ep5qkQ6MWY>

Hosted jointly by CCE-ENYCHP and CCE-LOFP

**Mites.** This is the time where mites suddenly show up in problem blocks, as the heat continues and the rain (hopefully) lets off a bit. Don't get caught unaware. A recommended sample protocol is to pick 4 full-size leaves (not new foliage) from each of 5 intermittently spaced trees. Look at these under magnification, and classify as "mites present" or "no mites present". If fewer than a third of the leaves have mites on them, sample again in two weeks. If more than a third of the leaves have mites on them, sample another 5 trees. If nearly all of the leaves have mites, it is time to consider a miticide. For a more exact protocol, and to see effective products, go to the Recommends, page 79.

**Woolly apple aphid colonies** are on the increase. Keep an eye out for hot-spots of these as you move through your orchard. Products that can be used for WAA include Diazinon (if your market allows), Admire Pro, Beleaf, or Sivanto Prime. With all these products, be sure you get excellent coverage.

We are well into the second generation **Codling moth** flights, and between 2<sup>nd</sup> and 3<sup>rd</sup> generations for **Oriental fruit moth**. If you have trapcatch over the management threshold is (5 CM per trap per week, 10 OFM per trap per week), you should put a cover on now if you haven't yet this week. The second generation is a good time to consider Cyd-X (only effective on CM), Madex, or Virosoft. Other options include Altacor, Assail, Delegate, Exirel, Minecto Pro, and Verdepryn. *Remember to use a different mode of action to control this generation than you did in the spring!*



**Summer diseases** such as **sooty blotch and flyspeck** and the **rots**: as a general rule, fungicide covers for the rots would go on every 14-21 days, but this summer with all the rain we're having, those intervals should be tightened up significantly. SBFS applications can be timed using the [NEWA model](http://newa.cornell.edu) (newa.cornell.edu). To effectively use the model, you'll need an approximate petal fall date, and to input the date of your last fungicide application that was effective against SBFS. Products that are effective for SBFS include Luna Sensation, Merivon, Pristine, Sovran, Flint, and Captan+Topsin. All of your SBFS products will also help manage black, white, and bitter rots. For more information about the summer diseases, check out the NYS IPM [Apple IPM Intensive](#) recording (begins at 7:45min).

**Brown marmorated stink bug** has been both caught in our traps and seen while walking through the orchards. Damage can be hard to diagnose, and may show up in storage. If you have had issues with BMSB damage in the past, or if you trap a cumulative total of 10 stink bugs in a block, consider applying Lannate, Besiege or Endigo. The recommend spray schedule is two applications a week apart, once the threshold is reached (likely late August at most locations). Studies have shown that alternate row sprays or even just perimeter sprays can be adequately effective for bmsb. Note that Bifenthrin products are not currently labeled for use in NY this year, although paperwork for several Section 18s have been submitted. Watch for any registration updates here.

**Any questions about pest management, please call or email me: [jev67@cornell.edu](mailto:jev67@cornell.edu), 585 797 8368.**

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 still possible. These recommendations are not a substitute for pesticide labeling. Please read the label before applying any pesticide. Copyright 2021. All rights reserved. No part of this material may be reproduced or redistributed by any means without permission. Cornell Cooperative Extension provides equal program and employment opportunities.  
**The Lake Ontario Fruit Program is a Cornell Cooperative Extension partnership between Cornell University and the Cornell Cooperative Extension Associations in Monroe, Niagara, Orleans, Oswego and Wayne counties.**