



“Fruit Facts” – Monday, May 17 2021

TODAY: WNY Petal Fall zoom meeting with Dr. Robinson.

When: **Today May 17, 4:00 – 5:00pm**

Zoom link: <https://cornell.zoom.us/j/98648616306?pwd=c3pSZWZuTDIYbU90Z3NGdTl1RmJtdz09>

Previous Statewide Pink and Bloom Zoom Meetings and much more is on our YouTube channel at:

<https://www.youtube.com/channel/UC6PXjEkx7nLDY1A81Ek5brQ>

CCE LOF and ENYCH Pruning Video Resources:

- [Precision Pruning Honeycrisp](#) by LOF (NEW RELEASE)
- [Precision Pruning for Early Crop Load Management](#) by ENYCH
- [Pruning Honeycrisp for Annual Production Video](#) by LOF

IPM Notes...Janet van Zoeren

Inland – probable Fire Blight infection period tomorrow!

Rising temperatures are leading to potential fire blight infection events, *especially as you get further away from the lake*. Lakeside sites are looking at a low chance of infection beginning ~Wednesday, whereas inland sites have a significant risk of infection beginning tomorrow.

For a blossom blight infection to take place, the following criteria have to be met:

1. Blossoms open in the orchard.
2. Sufficient heat units have been met (NEWA EIP over 100)
3. There is some sort of wetting event (which can include rain, dew, or even *a spray application*)

The optimal timing would be to get Strep on the blocks as close as possible ahead of the predicted infection event. Strep protects blossoms that are *already open* for the following 48hrs (but does not protect any flowers that open during that time) and has some kick-back activity reaching 24hrs.

If this is your first fire blight control application, use the full label rate of strep along with Regulaid at 1 pint/100 gallons. However, **do not add Regulaid if captan has been applied within the last 10 days, and do not tank mix this application with any thinner product if Regulaid is going in the mix**. Read more about FB management for 2021 in the recent Fruit Notes article: https://rvpadmin.cce.cornell.edu/uploads/doc_975.pdf.

Apple scab.

Little to no risk of scab infection in the coming few days.

Any questions about pest management, please call or email me: jev67@cornell.edu, 585 797 8368.

Bloom thinning update in inland and lake sites and guidance by the PTGM:

- We had warmer weather conditions which accelerated the opening of laterals on Friday, Saturday, and Sunday.
- Some Gala and Honeycrisp blocks in lake sites received the second ATS sprays this past Saturday or Sunday.
- For some Honeycrisp blocks in lake sites, the model indicates they should be sprayed for the second time with ATS today or tomorrow the 18.
- An important note: The PTGM in the old NEWA will not update each time you log on unless you edit the block information and click the update button. (The edit button is a symbol of a pencil in the upper right-hand corner of the graph).
- We are instead recommending growers to use the PTGM through the new NEWA: <https://dev.newa.cornell.edu/>. Set up block account, weather station, add style length, etc. - then the weather will update every time you re-open or refresh page. Just remember to open in Google Chrome or Firefox, not Microsoft Edge.

Why is blossom thinning critical for Honeycrisp?

- Gibberellins produced by the seed of young fruitlets and shoots tips inhibit flower formation for the next year.
- Excessive number of seeds inhibit flower initiation.
- The earlier the target fruit number can be reduced to the target fruit number the greater the likelihood of having flower initiation.

Should I attend the WNY petal fall zoom meeting today, Monday 17, 2021?

Yes, of course, we hope to 'see' you there at 4pm this afternoon.

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.

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