Effective Orchard Spraying & Navigating NEWA Workshop

Tuesday, March 28th, 2017

Miner Institute, 1034 Miner Farm Rd, Chazy, NY

Effective Orchard Spraying – Morning

Understand how to improve your timeliness and therefore apply sprays when needed and not be forever chasing the calendar. Correct application at the correct time will allow you to make better use of your time and materials over the season.

This in-depth training course on better spray application techniques will:-

- Improve your knowledge of spray techniques leading to better deposition and less drift
- Improve your timeliness of application resulting in better disease and insect control
- Reduce off-target drift keeping you within the law
- Show you how to modernize your existing sprayer
- Inform you of new developments in sprayer design keeping you up-to-date
- Help you potentially reduce pesticide use thus improving your profitability.

Navigating NEWA – Afternoon

Learn the ins-and-outs of the NEWA system (Network for Environment and Weather Applications). Learn how to efficiently navigate the NEWA interface, including how to get weather data, access station specific pages, and effectively utilize models for insects, diseases, crop thinning, and irrigation.

Bring your Laptop or Smart Device!!

Highlights

- Weather Data & Station Pages
- Degree Day Calculator NEW
- Insect pest models
- Disease pest models
- Apple thinning model
- Irrigation model
- RainWise Weather Stations

***PRE-REGISTRATION IS REQUIRED! ***

Registration
$20 per person
Deadline: March 24th - Space is limited, register soon!

To Register:

- **Register online** http://enych.cce.cornell.edu/event.php?id=642
- **Or contact Abby Henderson** at aef225@cornell.edu or 518-746-2553

For more information please contact Anna Wallis at 518-410-6823 or aew232@cornell.edu

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Serving the Educational and Research Needs of the Commercial Small Fruit, Vegetable and Tree Fruit Industries in Albany, Clinton, Columbia, Dutchess, Essex, Fulton, Greene, Montgomery, Orange, Rensselaer, Saratoga, Schoharie, Schenectady, Ulster, Warren and Washington Counties

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Program Agenda

8:00 AM	**Sign in**

Effective Orchard Spraying
Dr. Andrew Landers, Pesticide Application Technology Specialist, Cornell University

8:30   Introductions, course overview/aims/objectives

8:45   **Session 1** – Droplets and Nozzles

10:00   Break

10:15   **Session 2** – Airflow Adjustment to ensure better deposition and reduced drift.

11:00   **Session 3** – New Developments – Sprayer designs and precision spraying

12:00 Noon   Lunch

Navigating NEWA

12:30 PM   NEWA Basics – *Dr. Julie Carroll, Fruit IPM Coordinator, NYS IPM*

1:00   Insect Pest Models – *Dr. Art Agnello, Tree Fruit Entomologist, Cornell University*

1:30   Disease Pest Models – *Dr. Kerik Cox, Tree Fruit Pathologist, Cornell University*

2:00   Break – Visit RainWise Weather Station

2:30   Irrigation Model – *Dr. Jaume Lordan, Post Doc. Assoc., Cornell University*

3:00   Thinning Models – *Dr. Poliana Francescatto, Post Doc. Assoc., Cornell University*

3:30   Questions

4:00   End