Navigating NEWA
A Hands-On Workshop for Apple Growers

Champlain Valley: Thursday, March 31st, 8:30AM-12:30PM
Miner Institute, 1034 Miner Farm Rd, Chazy, NY 12921

Upper Hudson Valley: Friday April 1st, 8:30AM-12:30PM
Saratoga County CCE Office, 50 W High St, Ballston Spa, NY 12020

***A Laptop is REQUIRED***

At this half-day workshop, learn the ins-and-outs of the NEWA system (Network for Environment and Weather Applications). NEWA is an online system that provides hourly and daily weather data, pest forecasting models, and crop production models, to help implement IPM practices on farms across the Northeast. You will 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 (carbohydrate model), and frost risk.

PRE-REGISTRATION IS REQUIRED!

$10 per person
Deadline: March 24th - Space is limited, register soon!

On-line: http://enych.cce.cornell.edu or
Mail: Send your registration form (below) to ENYCHP, CCE Rensselaer County, Agriculture & Life Science Bldg., 61 State Street, Troy NY 12180 or call 518-272-4210

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

Navigating NEWA — Registration Form
Send Your Registration Form To: ENYCHP, CCE Rensselaer County, Agriculture & Life Sciences Bldg., 61 State Street, Troy, NY 12180.
Make checks payable to “CCE ENYCHP”

This event is $10.00

# of Participants _____ x $10.00 = Total ____________

Name (s)__________________________________________________________

Business Name __________________________________________________

Address____________________________________ City_____________ Zip________

Phone (in case of cancellation)__________________________ E-mail ________________________

Highlights
- Weather Data & Station Pages
- Degree Day model NEW
- Insect pest models
- Disease pest models
- Apple thinning model (Carbohydrate model)
- Frost risk maps
- RainWise Weather Stations
Navigating NEWA: A Hands-on Workshop for Apple Growers

Instructors:
Juliet Carroll, NYS IPM Program, Cornell Cooperative Extension
Art Agnello, Dept of Entomology, Cornell University
Kerik Cox, Plant Pathology & Plant-Microbe Biology Section, Cornell University

Sponsor:
Anna Wallis, Eastern NY Commercial Horticulture Program, Cornell Cooperative Extension

Agenda
The notation → indicates a hands-on activity.
8:30 (30 min) Registration, DEC credit sign-in, set-up internet connections on laptops. Wallis

9:00 (40 min) Accessing NEWA Home Page, Main Menu and Weather information.
   9:00-9:10 Main menu navigation → drop down menus. (10 min) Carroll
   9:10-9:30 Weather data → Hourly data & Daily summary. (20 min) Carroll
   9:30-9:40 Degree days → choose base temperature, DD calculator. (10 min) Carroll

9:40 (1 hr 50 min) Pest forecasts (historic and current mode).
   9:40-9:50 Station Page access → see how this uses estimated biofix. (10 min) Carroll
   9:50-10:00 Apple Home Page → IPM resources, biofix table. (10 min) Carroll
   10:00-10:50 Apple Insects → Degree day calculator. (10 min) Agnello
      → Obliquebanded leafroller – traps, spray windows. (20 min)
      → PC – spray windows. (20 min) Agnello
   10:50-11:30 Apple Diseases → Apple scab – ascospore maturity, infection events. (20 min)
      → Fire blight – infection risk, strep sprays, shoot blight. (20 min)
      Cox

11:30 (30 min) Crop production (historic and current mode).
   11:30-11:50 Apple thinning – estimating thinner rates. → (20 min) Carroll
   11:50-12:00 Apple frost risk maps. → (10 min) Carroll

12:00 (10 min) About weather stations – handouts.
   RainwiseNet dashboard, Troubleshooting, Get a weather station. (10 min) Carroll

12:10 (15 min) Open floor for discussion. All instructors

12:25 (5 min) Workshop evaluation.

12:30 Adjourn – safe travels.