



# Horticulture 2023

## North Central Washington Tree Fruit Days January 17-19 in Wenatchee, January 21 in Chelan, February 7 in Omak

SUBMITTED BY TIANNA DUPONT, WASHINGTON STATE TREE FRUIT RESEARCH AND EXTENSION CENTER

**WENATCHEE/CHELAN/OMAK** - Join us for WSU Tree Fruit Extension Programs in North Central Washington on January 17, 18, 19, 21, and February 7. Co-sponsored by Northwest Cherries, Pear Bureau Northwest, NCW Fieldmen's Association, Chelan Future Farmers of America and the Okanogan Horticultural Association. These events provide the latest research-based information on horticulture, pest and disease management.

We hope you will join us to network and learn this winter. For agendas and additional information visit <http://treefruit.wsu.edu/events>. Pesticide update credits will be awarded for program attendance 2-3 credits per session dependent on WSDA approval. No pre-registration required for in person sessions. Registration required for virtual participation in Apple, Pear and Stone Fruit

Days.

Networking lunch. Pre-registration required for lunch. Networking lunch provides an opportunity to learn and network with your peers and visiting speakers. Thank you to lunch sponsors: Apple Day: FMC; Pear Day: TBD.; Stone Fruit Day: GS Long. Visit [treefruit.wsu.edu/events](http://treefruit.wsu.edu/events) to register for lunch.

Jan. 17, NCW Apple Day at Wenatchee Convention Center (with online option)

Jan. 17, Manejo de Frutales Spanish Session at Wenatchee Convention Center

Jan. 18, NCW Stone Fruit Day at Wenatchee Convention Center (with online option)

Jan. 19, NCW Pear Day at Wenatchee Convention Center (with online option)

Jan. 21, Lake Chelan Horticultural Day Chelan High School

Feb. 7, Okanogan Horticultural Society at Okanogan County AgriPlex

Get your pesticide update credits  
North Central Washington

**Apple Day**

Tuesday, January 17, 9 a.m. to 3 p.m. (check-in 8:30 a.m.)  
Wenatchee Convention Center/ Virtual

Co-Sponsored by WSU Extension and NCW Fieldmen's Association

Topics include: Session 1: Pest and Disease Management: Codling Moth Survey; Apple IPM Reminders; Conserving Natural Enemies; Fire Blight. Session 2: Mitigating Climate Impacts: Water Supply Vulnerabilities; Irrigation Panel; Netting for Hail and Sunburn. Session 3: Rootstocks: Role of Rootstocks in Plant Nutrition; Rootstocks for Replant Tolerance

Agenda at <http://treefruit.wsu.edu/event/apple-day-2023/>

**Manejo de Frutales**

Tuesday, January 17, 1 p.m. to 4 p.m.

Wenatchee Convention Center

Co-Sponsored by WSU Extension and NCW Fieldmen's Association

Topics include: Fuego Bac-

teriano / Fire Blight; Exploración efectiva/ Scouting; Diagnóstico de problemas en los árboles/ Diagnosing Tree Problems; Manejo de chicharritas / Leafhopper management

Agenda at <http://treefruit.wsu.edu/event/manejo-de-frutales/>

**North Central Washington Stone Fruit Day**

Wednesday, January 18, 9 a.m. to 3 p.m. (check-in 8:30 a.m.)

Wenatchee Convention Center/ Virtual

Co-Sponsored by WSU Extension and NW Cherries

Topics include: Spotted Wing Drosophila & Western Cherry Fruit Fly; Powdery Mildew and Shot Hole: X-disease Vector Management; Pre-emergent Herbicides; Season Effects on Bud Formation, Fruit Set; Blue Orchard Bees; Climate Impacts on Pollination

Agenda at <http://treefruit.wsu.edu/event/stone-fruit-day-2023/>

North Central Washington

**Pear Day**

Thursday, January 19, 9 a.m. to 3 p.m. (check-in 8:30 a.m.)

Wenatchee Convention Center

Co-sponsored by WSU Extension and Pear Bureau Northwest

Topics include: Session 1: Pest and Disease Management: Post Harvest Pathogen Prevention; Natural Enemy Releases; Pear Psylla Management. Session 2: Production, Quality and Profits: High Density Pears Virtual Tour; Impacts of Hot Weather on Storage; Optimizing Fruit Set.

Agenda at <http://treefruit.wsu.edu/event/pear-day-2023/>

**Lake Chelan Horticultural Day**

Saturday, January 21, 9 a.m. to 3 p.m. (check-in 8:30 a.m.)

Chelan High School  
Co-sponsored by WSU Extension and Chelan Future Farmers of America

Topics include: Replant Considerations, Reduce your

Bi-annual Bearing, 2022 Pest Management; New Technology Evaluation

Agenda at <http://treefruit.wsu.edu/event/chelan-fruit-day/>

**Okanogan Horticultural Society Meeting**

Tuesday, February 7, 9 a.m. to 3 p.m. (check-in 8:30 a.m.)

Agriplex, Omak  
Co-Sponsored by Okanogan Horticultural Society

Topics include: Apple maggot, Invasive insects, Spotted wing drosophila, Pear psylla, Labor law changes, Optimizing labor

Agenda at <http://treefruit.wsu.edu/event/okanogan-horticultural-meeting/>

For more information visit [treefruit.wsu.edu/events](http://treefruit.wsu.edu/events) or contact Tianna DuPont [tianna.dupont@wsu.edu](mailto:tianna.dupont@wsu.edu), 509-293-8758

Extension programs and employment are available without discrimination. Evidence of noncompliance may be reported through your local extension office.

## Fire Blight workshops, webinars scheduled for February, March, June, October

SUBMITTED BY AINA BARO, WASHINGTON STATE TREE FRUIT RESEARCH, EXTENSION CENTER

ONLINE - Join us for the latest fire blight information from a national research project involving Michigan, North Carolina, New York, California, Oregon and Washington funded by the Specialty Crop Research Initiative.

Fire Blight Webinar Series  
Biopesticides for Fire Blight Management

March 15, at 4 p.m. (PST) / 7

p.m. (EST)

Ken Johnson, Oregon State University. Effective use of biopesticides for Fire Blight control.

**Fire Blight Pruning and Sanitation**

June 13, at 4 p.m. (PST) / 7 p.m. (EST)

Tianna DuPont, Washington State University. New trials on pruning and sanitation for Fire Blight management.

**Using Weather and Environmental Conditions to Optimize Biologicals and Biopesticides for Bloom Protection**

October 18, at 4 p.m. (PST) / 7 p.m. (EST)

Sara Villani, North Carolina

State University. Join us to talk about how to use weather and environmental data to optimize timings of biologicals and biopesticide applications for an effective Fire Blight control.

For more information and registration [https://events.anr.msu.edu/Fireblight\\_SCRI\\_Webinar\\_Series/](https://events.anr.msu.edu/Fireblight_SCRI_Webinar_Series/) or contact Nikki Rothwell [rothwell3@msu.edu](mailto:rothwell3@msu.edu) or 231-946-1510. One pesticide update credit per session with agency approval.

**Fire Blight Fruit School:**  
New research from our National Team

February 23, at 9 a.m. - 3 p.m. (PST)

Wenatchee and Online

SEE FIRE BLIGHT ON PAGE B2

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**FIRE BLIGHT**

CONTINUED FROM PAGE B1

March 1, at 9 a.m. - 3 p.m. (EST)  
 Traverse City, Michigan and Online  
 Topics:  
 Introduction to the Pathogen  
 Bloom Infection Prevention with Antibiotics: The Basics  
 Antibiotic Resistance  
 Biopesticide Efficacy  
 Using Prohexodine Calcium and Actigard for Shoot Blight Management  
 Managing Fire Blight Infections: Pruning, Sanitation  
 Using Systemic Acquired Resistance Products Therapeutics During Removal  
 Credits (with agency approval)



Courtesy Tianna DuPont

**Fire blight in gala seventh leaf.**

February 23, (WA): Three pesticide update credits WA, OR, CA.  
 March 1, 2023 (MI): Three pesticide update credits MI, NY

More Information and Registration  
 February 23, (WA): <http://treefruit.wsu.edu/event/fire-blight-workshop/>  
 March 1, (MI): [https://events.anr.msu.edu/Fireblight\\_SCRI/](https://events.anr.msu.edu/Fireblight_SCRI/)  
 Contacts  
 Nikki Rothwell rothwel3@msu.edu or (231) 946-1510  
 Tianna DuPont tianna.dupont@wsu.edu (509) 293-8758

**WSU Viticulture Extension news, seminars**

SUBMITTED BY MICHELLE M. MOYER, PH.D., VITICULTURE EXTENSION SPECIALIST

**Workshop: Stop the Spread: Effective Options for Managing Leafroll**

Join us for this interactive workshop, discussion grapevine leafroll and grapevine mealybug management. In this workshop, Dr. Monica Cooper of UCCE-Napa County will highlight historic and recent research on the importance of roguing in managing the regional spread of grapevine leafroll disease, as well as better approaches for vector management. Dr. Naidu Rayapati will discuss advancements in leafroll testing and monitoring.  
 When: January 24, Walla Walla and January 25, 2023 Prosser  
 Time: 9 a.m. - 12 p.m.  
 Cost: Free, but pre-registration is required.



Courtesy Michelle M. Moyer

This workshop has been approved for three ODA and three WSDA Pesticide Recertification credits.

More information, including registration can be found at: <https://wine.wsu.edu/event/managing-leafroll-2023/>

This event is co-presented by WSU Viticulture Extension and the Washington Wine Industry Foundation, with funding provided by the WSDA-Specialty Crop Block Grant #K3950 titled "Stop the Spread: Building Pest Management Plans to Comply with Grape Quarantine Rules."

Events Calendar  
 See the WSU Viticulture

and Enology calendar for more upcoming events: <https://wine.wsu.edu/events/>

January 24-26: Unified Wine and Grape Symposium, Sacramento, California

January 24-25: Workshop Series: Effective Options for Managing Leafroll, Walla Walla - January 24, and Prosser, - January 25

February 6-9: WineVit 2023, Kennewick

February 14-15: Oregon Wine Symposium, Portland, Oregon

February 22-23: Washington Wine Research Advisory Committee Research Review, Prosser

February 27-28: Idaho Wine Commission Annual Meeting, Nampa, Idaho

**Cold Hardiness Monitoring - Back again for 2022-2023**

WSU Viticulture will continue with grape cold hardiness monitoring for the 2022-2023 winter season. Observed cold hardiness data for the Prosser, area is updated approximately every 7-14 days at: <https://wine.wsu.edu/extension/weather/cold-hardiness/>

This webpage also has several resources on preventing cold damage and how to respond after cold damage has occurred.

Given cold hardiness monitoring cannot be done on a large scale, a cold hardiness model is available on AgWeatherNet. You do need a (free) registered AgWeatherNet Account to see the model: <http://weather.wsu.edu/>

When low temperatures are forecasted use the model on AgWeatherNet to help prioritize which locations, and varieties, you should start with for follow-up scouting.

The resources available on the WSU Grapevine Cold Hardiness Monitoring page above can be used to help you develop a bud collection and assessment plan. They also provide worksheets to develop pruning strategies to compensate for potential crop loss, should cold damage occur.

**Join American Society for Enology and Viticulture**

The American Society for Enology and Viticulture (ASEV) is a national community of wine and grape professionals, with a focus on using and sharing science-based information to for better grape growing and winemaking. Membership is open to professionals and students alike - with student members having access to scholarships to assist them with educational expenses! Membership comes with opportunities for networking and professional growth, along with benefits such as reduced registration fees for the Unified Wine and Grape Symposium, and the ASEV National Conference.

For more information, please visit: <https://www.asev.org/asev-membership>

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