



# NEWSLETTER



## Announcements

**Dec. 13—14,** WSU Wheat Academy, Pullman Campus. More here: <https://smallgrains.wsu.edu/2022-wheat-academy/>

**Dec. 14,** Pear Intensive IPM Workshop. In person or Zoom. 3 WSDA, ODA credits pending. More here: <http://treefruit.wsu.edu/event/pear-ipm-intensive/>

**Jan. 5,** Plant Nutrition and Soil Fertility Symposium. Pullman. More here: <https://smallgrains.wsu.edu/event/plant-nutrition-and-soil-fertility-symposium/>

**Jan. 16—19,** NCW Tree Fruit Days, Wenatchee, Chelan, Okanogan. 2-3 Pesticide update credits per day. More here: <http://treefruit.wsu.edu/event/ncw-tree-fruit-days/>



## Last Chance Pesticide Recertification Classes, 12.9.22

WSU Walla Walla County Extension is partnering with WSU Extension offices in Asotin/Garfield and Whitman Counties, along with University of Idaho Extension and the Walla Walla Community College Water and Environmental Center to bring

this year's Last Chance Pesticide Recertification Classes.

Space is limited. Pre-Registration is required for both the in-person and virtual options. When your registration is received, you will be sent instructions on how and where to attend.

5 credits have been applied for in Oregon, Washington, and Idaho.

### Agenda & Speakers list

Cr	Time	Speaker	Topic
1	9:00 – 10:00	<b>Drew Lyon</b> – WSU Weed Specialist Faculty	"Two Pesticides are Better Than One"
1	10:00 – 11:00	<b>Aaron Esser</b> – WSU Extension Agronomist	"Downy Brome Control Beyond Group 2 Herbicides"
1	11:00 – 12:00	<b>Tim Prather</b> - Univ of Idaho Extension Faculty	"Ventenata Management in Timothy Hay, Range and Pasture"
12:00 – 1:00 Lunch on your own			
1	1:00 – 2:00	<b>Dale Whaley</b> – WSU Extension Douglas County	"Monitoring Insect Pest to Reduce Impacts on Farm Profitability"
1	2:00 – 3:00	<b>Tim Murray</b> – WSU Distinguished Endowed Chair	"Identification and Management of Winter Wheat Diseases"

### 3:00 Adjourn

PRE-REGISTRATION is REQUIRED. Scan the QR code, or use the link to register.

<https://bit.ly/3hLPQV8>



Last Chance Pesticide 12/9/22

## The WSU Wheat Beat Podcast



With Drew Lyon

## WSU Wheat Beat Podcast with Drew Lyon.

Dr. Lyon explores the world of small grains production and research at Washington State University. In each episode, he speaks with researchers from WSU and the USDA-ARS to provide you with insights into the latest research on wheat and barley production.

Available on iTunes, Spotify, and wherever you get your podcasts. You can also listen on the website:

<https://smallgrains.wsu.edu/category/podcast/>

### POSTMASTER send address changes to:

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## 2022 Wheat and Small Grains Plant Diagnostic Clinic Wrap-up

Cassandra Bates, WSU Plant Pest Diagnostic Clinic

Planning for the 2023 small grains crop is set to begin. In anticipation of the next season here is an overview of what small grains problems that were diagnosed by the WSU Plant Pest Diagnostic Clinic.

Abiotic issues that were frequently seen were: weather-related, Physiological Leaf Spot, and chemical damage such as potential herbicide damage (*which can only be confirmed using a certified analytical lab*) as well as 'burning' from fertilizers.

Diseases that were seen were root-based issues and viral. Most of the samples seen this year were soft white winter and spring wheat with a few hard red winter wheats. A few barley samples were submitted (*Rhizoctonia root rot*) as well.

### Diseases Seen on Wheat and Small Grain Samples in 2022:

- Snow Mold : <https://bit.ly/3EJ3AsP>
- Soilborne Wheat Mosaic Virus : <https://bit.ly/3qh1Wfs>

\*This is also notable as one of the SBWSV finds were north of Highway 2, which could indicate that the virus is spreading. \*

- Wheat Streak Mosaic Virus : <https://bit.ly/3hPi4hX>
- [Rhizoctonia Root Rot \(pdf\)](#)
- [Damping off \(pdf\)](#)
- Stripe Rust : <https://bit.ly/3V76bIR>
- [Take-all \(pdf\)](#)

## Wheat Grows Jobs

Adapted from "Wheat Facts" Washington Grain Commission

- Washington wheat farmers support 9,442 jobs in the state
- The state benefits from 5,353 jobs in businesses and industries directly supporting Washington wheat farmers.
- An additional 4,090 jobs are supported from personal purchases of both farmers and their employees
- At least \$0.88 of every \$1.00 generated by Washington wheat goes to businesses that support farmers.



Field symptoms of yellowing and mosaic of wheat infected with Soilborne Wheat Mosaic Virus. Photo: WSU Plant Pest Diagnostic

- Washington's wheat farmers and their employees contribute to the state's economy by spending \$0.87 of every \$1.00 earned for off-farm purchases.

- This results in a total of \$2.73 in economic activity, beyond farmers' own sales.

## December & January Garden Chores

Adapted from Oregon State University Garden Calendar

- Protect new landscape plants from wind. Use stakes, guy wires or windbreaks.
- Turn the compost pile and protect from heavy rains.
- Check stored flower bulbs, fresh vegetables, and fruits for rot and fungus problems. Discard any showing signs of rot.
- Tie limbs of columnar evergreens to prevent snow or ice breakage.
- Water your plants every six to eight weeks with a deep soaking to keep them from drying out.
- Monitor landscape plants for problems. Don't treat unless a problem is identified.
- Check for rodent damage around bases of trees and large shrubs. Remove weeds to prevent rodents from using them as hiding places. Use traps and approved baits as necessary.
- Avoid mounding mulching materials around the bases of trees and shrubs. The mulch might provide cover for rodents.
- Keep a garden journal. Consult your journal in the winter, so you can better plan for the growing season.
- Clean pruners and other small garden tools with rubbing alcohol.
- Scout cherry trees for signs and symptoms of bacterial canker. Remove infected branches with a clean pruner or saw. Sterilize tools before each new cut. Burn or send the branches to a landfill before bloom.



Amy Rozycki, EMGV

## Garden Journaling Tips

Adapted from Megan Gregory, North Carolina State Extension

Whether you've been gardening for a year or decades, every season brings new lessons about your site and soil, plants that do (and don't) prosper, adapting to a changing climate, and more. But will you remember the lessons of 2022 come spring 2023—the spot that's too shady for sun-loving plants, which vegetable varieties were most productive, and when

to put row cover over your greens to protect them from cabbageworms?

As this growing season ends, now is the time to update your garden journal. These records will help you make future decisions about crop rotation, variety selection, soil amendments, and fertilizers, timing your plantings, and cultural practices to prevent pest and disease problems.

Here are a few things to include:

- A map of beds and plantings is essential for crop rotation planning. Include notes on crop varieties, such as yield, eating quality, disease resistance, and—for lettuce and brassicas—heat tolerance (resistance to bolting).
- Record soil test results and fertilizers applied. Describe weather conditions, gardening tasks, and pest and disease problems to help plan your work in future years.
- You can download a journal template at [go.ncsu.edu/GardenJournal](https://go.ncsu.edu/GardenJournal). For more suggestions on garden journaling, see Appendix A of the NC Extension Gardener Handbook.

For more journal ideas and tips: <https://bit.ly/3V8lgDC>



## Financial Aid for Cattle Producers

Adapted from Morning Ag Clips

To help reduce the financial burden of attending conventions and meetings, the National Cattlemen's Foundation and Cargill created the Rancher Resilience Grant, which is administered by the National Cattlemen's Beef Association. The grant reimburses producers for registration fees and other expenses at specific educational events, including Cattlemen's College during the 2023 Cattle Industry Convention & NCBA Trade Show in New Orleans.

Producers can apply for the grant to attend the 2023 Cattlemen's College and, if selected, will receive a reimbursement of \$1,097 to offset expenses. For more information and to apply, visit [www.ncba.org/producers/rancher-resilience-grant](https://www.ncba.org/producers/rancher-resilience-grant).



Since the program began in 2020, the Rancher Resilience Grant has provided financial support and educational opportunities for hundreds of producers to attend events across the country. (Stock photo via U.S. Department of Agriculture, Public Domain)





## How to Join 4-H in 3 Easy Steps

### 1. Decide on a project:

There are numerous project opportunities for 4-H Members. Find a list of projects here: <https://extension.wsu.edu/4h/projects/all-projects/>

### 2. Find a Club:

Find a club that offers a project in which you are interested. This can be done by contacting a current Club Leader (if you know any), or by completing the Member Interest Form here: <https://bit.ly/3VauZJC>

You can also contact the WSU Walla Walla County Extension office at 509-524-2685 or email [wallawalla.4h@wsu.edu](mailto:wallawalla.4h@wsu.edu)

### 3. Get involved and HAVE FUN!

Once you have had contact with a club leader or Walla Walla County 4-H staff, and know which club you will join, complete the 4-H Online Registration at: <https://v2.4honline.com>

## 4-H Achievement Night

On November 20, 4-H youth and adult volunteers were honored at the 2022 annual 4-H Achievement Night. Approximately 90 awards were presented to 4-H members, clubs, and volunteers in recognition of their 4-H accomplishments during the past year.

Outstanding 4-H Members from Walla Walla County were selected in each age division based on the quality and growth of their 4-H project, leadership skills, and their active involvement in the county 4-H program. The Junior Division Outstanding Members were Reegan Walters, Carter Barron; the Intermediate Division recipients were Kaytlyn Dreger and Jillian Saylor; and the Senior Division winners were Abby Blethen and Joshua Saylor.

Most Outstanding 4-H Club awards were given to Dry Creek, Feathers, Hares, & Hooves, and Sew Meow.

3 Youth Members received their 4-H Member Decade Awards; Austin Renwick, Rosetta Renwick, and Lauren Green.

Alanna Jacob was awarded Outstanding County Leader in recognition for her club involvement, community service, leadership, and support of the 4-H program.

The Inspirational Leader Award was given to Sandi Owens for leadership that inspires not only 4-H leaders and members, but all people.

Michelle Humphreys received the President's Award in recognition of her special quiet service to 4-H.

Animal Clinic East was honored for their many years of support with an Appreciation Award.

Many leaders were presented with pins for their years of service, but a special recognition goes to Shirley Ayecock who received her Sapphire Pin for 35 years of service.

Thank you to all of the awardees and sponsors for making Achievement Night a success.



I pledge my **H** **AD** to clearer thinking,  
my **H** **E** **R** **T** to greater loyalty,  
my **H** **N** **D** **S** to larger service,  
and my **H** **E** **L** **T** **H** to better living,  
for my club, my community, my country  
and my world.

WASHINGTON STATE UNIVERSITY  
WALLA WALLA COUNTY EXTENSION

Celebrating 100 Years of Extending  
Knowledge and Changing Lives.

Debbie M. Williams  
County Extension Director