

NORTHEAST OHIO AGRI-CULTURE NEWSLETTER

Your Weekly Agriculture Update for
Ashtabula and Trumbull Counties

October 17, 2023



Soybean fungicide trial harvest in Trumbull County

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Hello Northeast Ohio Counties!

Fall is finally here with cold and damp conditions. Soybean harvest was in full swing last week before the rain arrived. I've heard reports of decent yields throughout the county, but also reports of very low yields due to white mold outbreaks.

Unfortunately, rain forecasted for this week will delay harvest a bit longer. We've included a great harvest weather forecast from Aaron Wilson this week. We avoid some frost, but we may not avoid more rains in the next couple of weeks.

Have a great week!

Lee Beers
Trumbull County
Extension Educator

Andrew Holden
Ashtabula County
Extension Educator

WEATHER UPDATE: FALL WEATHER SETTLES IN BUT NO FREEZE YET

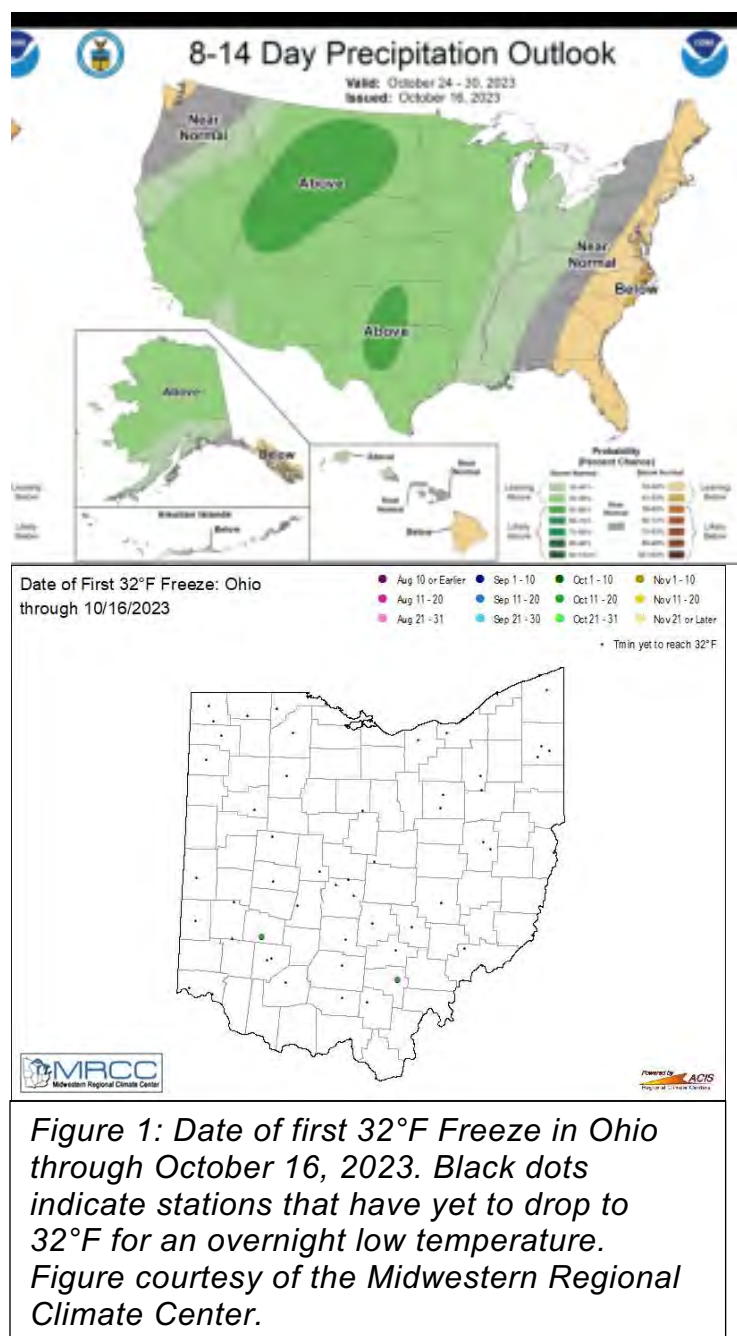
By Aaron Wilson

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-36/weather-update-fall-weather-settles-no-freeze-yet>

Summary

The weather pattern over the last couple of weeks has certainly brought cooler temperatures to the region. However, temperatures are still above average across the state through the first 16 days of October. In fact, most locations across the northern half of Ohio typically experience their first 32°F (freeze) in the first two weeks of the month. As Figure 1 shows, this is not the case in 2023, with only a couple of stations having reported freeze conditions so far.

Despite widespread rainfall this past week, with many sites picking up 0.5-1.5" of rain, precipitation is still running 25-75% of normal across the bulk of the state. As of Thursday October 12, 2023, 97% of the state was described as abnormally dry and about 46% of the state was experiencing moderate drought conditions according to the U.S. Drought Monitor. Cooler temperatures and any moisture should help to slowly improve conditions over the next few weeks to months, but with the strong likelihood of El Niño conditions persisting through winter, we will need to watch the



progress of soil moisture recharge closely throughout winter. For more information, check out the [State Climate Office](#) and sign up for our [monthly and quarterly climate summaries](#).

Forecast

We are starting the week off with northerly flow and a few scattered lake effect rain showers across the state on Monday. These should diminish throughout the day on Tuesday, leaving drier weather and a modest warming trend for Tuesday and Wednesday. Highs should recover into the 60s for much of the week, ahead of low pressure that is expected to move through the Great Lakes region on Thursday through Saturday. This system will drag a series of cold fronts through with rain showers and breezy conditions to end the week. Temperatures will drop back into the 50s for daytime highs over the weekend, but clouds should keep overnight lows from falling too low. Clearing skies Sunday and Monday night next week could create a scenario for a more widespread freeze event however. The current forecast shows anywhere from 0.10" NW to as much as 1.5" across eastern Ohio over the 7 days (Figure 2).

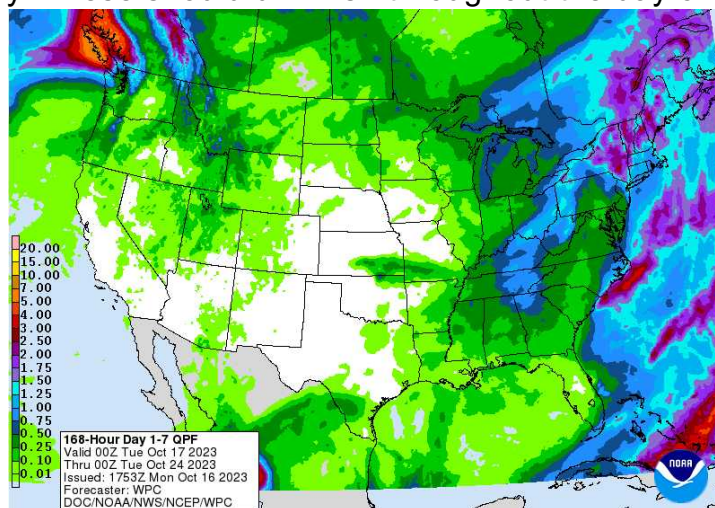


Figure 2. Precipitation forecast from the Weather Prediction Center for 8am Monday October 16 to 8am Monday October 23, 2023.

The [Climate Prediction Center's 8-14 Day Outlook](#) and the [16-Day Rainfall Outlook from NOAA/NWS/Ohio River Forecast Center](#) indicate that above average temperatures are likely for Ohio with precipitation leaning toward above average for the period of October 24 – 30, 2023 (Figure 3). For this time of year, the average high-temperature range is 61-66°F, the average low-temperature range is 41-45°F, and the average weekly total precipitation is 0.55-0.75 inch.

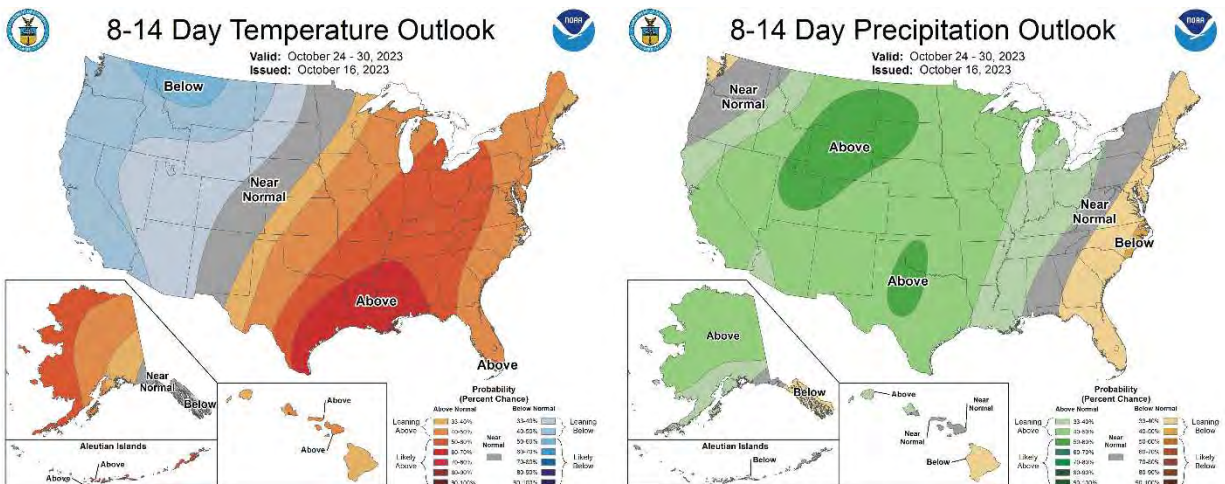


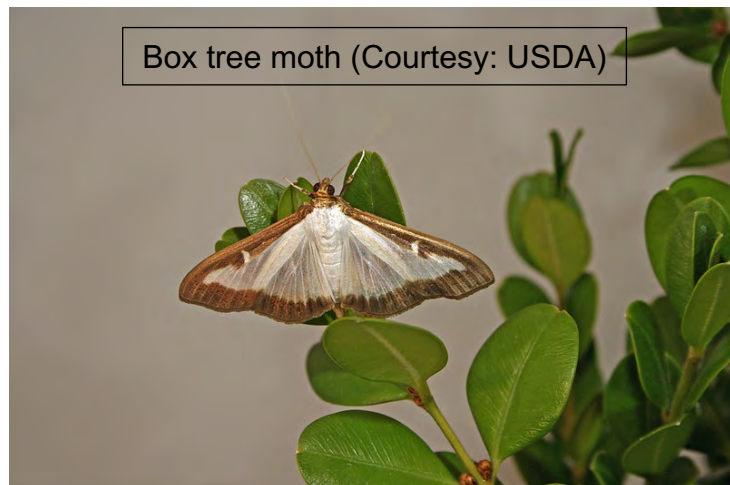
Figure 3. Climate Prediction Center 8-14 Day Outlook valid for October 24 -30, 2023, for left) temperatures and right) precipitation. Colors represent the probability of below, normal, or above normal conditions.

Invasive Box Tree Moth Found in Dayton

Source: <https://agri.ohio.gov/home/news-and-events/all-news/invasive-box-tree-moth-found-in-dayton>

An invasive insect has been spotted in the Dayton area for the first time.

The Ohio Department of Agriculture (ODA) has confirmed a box tree moth (BTM) sighting in Montgomery County. After first being found near the border of Hamilton and Clermont counties in June 2023, BTM has also been detected in Warren and Butler counties.



The box tree moth is an invasive pest from East Asia that poses a threat to boxwood plantings and the horticulture industry. Boxwood is an important ornamental shrub that is a valuable part of Ohio's nursery stock economy. Federal and state officials are asking the public and horticultural businesses to spot and report the box tree moth using ODA's [reporting tool](#).

ODA's plant health inspectors and USDA staff will be placing traps and surveying the area to determine the extent of the population.

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Residents can look for and report any signs of infestation by following these steps: Familiarize yourself with the insect's appearance and signs of damage on boxwood shrubs.

Check any boxwood plants you have for signs of box tree moth life stages. If you find any signs of infestation, take a picture, and report it.

Signs of feeding include chewed, cut, or missing leaves, yellowing or brown leaves, white webbing, and green-black excrement on or around the plant.

For additional information, please visit ODA's box tree moth page.

OHIO STATE UNIVERSITY TO PROVIDE RESOLUTION SERVICES FOR OHIO FARMS

By Robert Moore

Source: <https://farmoffice.osu.edu/blog/fri-10132023-1131am/ohio-state-university-provide-resolution-services-ohio-farms>

Ohio has over 76,000 farms and 13 million acres of farmland. In such a large and diverse industry, conflicts commonly arise that can lead to disputes, litigation, and appeals. Ultimately, these conflicts can cause harmful effects that threaten the viability of Ohio agriculture. To address these issues, a new program has been developed - **Ohio Farm**



Resolution Services at The Ohio State University (OFRS). The goal of OFRS is to cultivate solutions to the conflicts that impact Ohio's farms and farm families.

OFRS will provide a three-pronged approach to assist farms and farm families in resolving problems and conflicts:

1. Education resources. The first approach will be to provide educational resources that may lead to a resolution. Educational resources may be in the form of bulletins, publications, articles or individual discussions. For example, OFRS may provide a law bulletin on farm leasing to a tenant and landowner involved in a lease dispute. Some disputes can be resolved through education alone.
2. Consultation and informal resolution services. OSU Extension attorneys and farm management specialists will be available to meet with parties to assist

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with resolving their issues. These services will be more informal and may include sitting at the kitchen table with a family struggling with transition planning or perhaps meeting in a pasture to discuss shared fence line concerns between neighboring farmers.

3. Formal mediation. Sometimes conflicts escalate to hard feelings and entrenched positions. When this happens, formal mediation may be appropriate. This process will involve the intervention of a trained mediator to assist the parties in negotiating jointly acceptable resolution of issues in conflict. The mediator meets with the parties at a neutral location, often shuttling between separate rooms, where the parties can discuss the dispute and explore a variety of solutions. Formal mediation is often the last step before litigation.

Most consultation and mediation services will be conducted by OFRS' primary consultants/mediators: Peggy Hall, David Marrison, Jeff Lewis and Robert Moore. OFRS will also develop a pool of outside mediators who can assist with matters that require special or unique technical knowledge. OFRS is committed to providing individuals who have both the knowledge and skill to help understand and resolve issues.

OFRS will be able to assist on a wide variety of matters. The following are issues for which OFRS can provide assistance:

- Family communication
- Farm transition planning
- Business entities
- Business practices
- Land use
- Property issues/neighbor issues
- Zoning
- Farm leases
- Energy leases
- Farm labor issues
- Farmland drainage
- Crops/agronomy/soils disputes
- USDA administrative appeals
- ODA administrative appeals
- Farm lender/creditor negotiations

OFRS is available to provide educational and consultation services now. Mediation services will be available beginning in January 2024. For more information or to refer someone to OFRS, contact Robert Moore at moore.301@osu.edu or 614-247-8260. Information is also available at farmoffice.osu.edu/ofrs.

FALL-APPLIED HERBICIDE CONSIDERATIONS

By Alyssa Essman

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-36/fall-applied-herbicide-considerations>

Harvest is progressing in much of Ohio, though recent rains have slowed field activities in some areas. As crops continue to come off it's a good time for a reminder about the value of fall-applied herbicides. Rains this past week may stimulate winter annual weed emergence to some extent. This is the best time of year to control winter annuals and some of the more difficult to manage overwintering weed species. Biennial



and perennial plants are now sending nutrients down to the root systems in preparation for winter. Systemic herbicides like glyphosate and 2,4-D applied at this time will be translocated down into the roots more effectively than if applied in spring when nutrients are moving upward. This results in better control. In addition, the increasingly unpredictable spring weather patterns we have experienced in recent years can influence the timing and efficacy of spring burndown applications. Fall-applied herbicides can lead to weed free situations going into spring until early emerging annuals begin to appear in April, and are an essential component in the control of marestalk and other overwintering species.

Here are some reminders when it comes to fall-applied herbicides:

- Evaluate weed emergence and growth post-harvest to help determine if an application is necessary.
- Fall-applied herbicides should primarily target weeds that are emerged at the time of application.
- Species present in large quantities late-season that would necessitate the application of an herbicide include (but are not limited to): marestalk, dandelion, wild carrot, poison hemlock, common chickweed, purple deadnettle, henbit, annual bluegrass, and cressleaf groundsel.
- OSU research has not found much of a benefit from adding metribuzin or other residual products late in the fall. The exception to this is chlorimuron,

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which can persist into the spring. The recommendation here has generally been to keep costs low in the fall and save those products for spring when you will get more bang for your buck.

- Herbicides generally work across a range of conditions, though activity can be slower as temperatures drop. Foliar products are most effective when daytime temperatures are in the 50s or higher and nighttime temperatures remain above 40.

Table 1 in the Weed Control Guide for Ohio, Indiana, Illinois, and Missouri provides ratings for various overwintering weed species in response to fall-applied herbicides. For questions related to the identification and control of weeds, reach out to Alyssa Essman at Essman.42@osu.edu.

Register Now for the January 4-5 Ohio State Organic Grains Conference

By Eric Richer, Field Specialist-Farm Management

Source: <https://u.osu.edu/ohioagmanager/2023/10/17/register-now-for-the-january-4-5-ohio-state-organic-grains-conference/>

Registration is open for the 2nd annual Ohio State Organic Grains

Conference, January 4-5, 2024 at the Maumee Bay Lodge and Conference Center near Toledo, Ohio.

The 2024 conference offers programming for experienced organic growers, growers

transitioning to or considering organic, and consultants or educators who support these growers. Featured speakers will include Klaas Martens from Lakeview Organic Grain in New York; Léa Vereecke from Rodale Institute; former Ohio State soil fertility specialist Steve Culman; and Eugene Law, currently of USDA-ARS, but soon to be an Ohio State assistant professor in weed ecology.



Take advantage of Early Bird pricing and register now. The cost of \$100 per person includes two days of quality programming, meals throughout the event, and opportunities to network with organic farmers in the region as well as speakers and trade show vendors.

This event is brought to you by Ohio State University Extension and Ohio State's Organic Food & Farming Education and Research (OFFER) program. Continuing education credits will be available for Certified Crop Advisors (CCAs). For more information, visit go.osu.edu/organicgrains.

For more information, contact:

Eric Richer, The Ohio State University
Assistant Professor / Farm Management Field Specialist
richer.5@osu.edu
419-590-6042

Northeast Ohio Small Farm Financial College Registration Now Open!

By: Andrew Holden

Source: <https://go.osu.edu/NEOSFFC>

Small and beginning farmers in NE Ohio are encouraged to participate in the new in-depth farm management educational program! The college will consist of two Saturday courses to be held on the Saturday of October 28 and the Saturday of November 4, 2023. Both days will run from 9:00 AM – 3:00 PM with lunch included. Both days will be held at 4-H Camp Whitewood at 7983 S Wiswell Rd, Windsor, OH 44099. The cost for the college is \$100 per participant, with the option to bring an additional family/farm member for \$50. This program also qualifies attendees for the Ohio Department of Agriculture's Beginning Farmer Tax Credit Program. Those interested in receiving this credit would be subject to additional requirements and fees (More information is available later in this release and online). Those interested in participating in this college or those seeking more information are encouraged to check out our website at: <https://go.osu.edu/NEOSFFC>

This course will offer 10 hours of farm management education that will help start your farm on the path to financial success. The college is designed to help landowners examine potential ways to increase profits on their small acreage properties. The program is open to all new or aspiring farmers, new rural landowners, small farmers, and farm families looking for new ideas.

During this college, participants will be challenged to develop realistic expectations for their new farm business. They will receive information on getting started, identifying the strengths and weaknesses of their property, and developing a farm business plan. Information on farm finances, insurance, liability, labor and marketing will be covered during the college.

Instructors include OSU Extension Educators Andrew Holden from Ashtabula County and Lee Beers from Trumbull County, and David Marrison, Professor and Field Specialist in Farm Management, Interim Director for the Farm Financial Management & Policy Institute.

The two days will consist of four sessions:

Session I - Getting Started on Your New Farm Business

- Developing real-life expectations for your farm.
- Assessing your property and resources.
- Developing a farm business plan, including setting your family and farm mission, goals and objectives.
- Understanding farm business structures.

Session II- You Can't Measure What You Don't Track. Farm Recordkeeping, Budgets and Taxes.

- Recordkeeping for farm businesses.
- Using enterprise budgets to project farm income.
- Developing cost of production projections.
- Introduction to farm taxes.

Session III - Money, Money, Money! Managing your Small Farm's Finances

- Developing a family and farm balance sheet.
- Developing financial statements including cash flow and income statements.
- Managing family and farm income and expenses.

Session I - The Legal Side of Farm Financial Management

- Legal instruments for farm financing.
- Loan options for small farms.
- Farm leases and contracts.
- Overview of risks on the farm.
- Liability insurance needs for small farms.

This two Saturday course will feature both live, in-person lectures, recordings from other state specialist, hands-on activities, take home assignments, and the ability to apply what is taught directly to your new or current farming operation.

Beginner Farmer Tax Credit Program

Created through House Bill 95 and signed into law on April 21, 2022, the Beginner Farmer Tax Credit Program offers two income tax credits beginning in tax year 2023 in following two categories:

Beginning Farmers

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Beginning farmers who attend a financial management program will receive a tax credit for the cost of attending an approved farm financial management program. This college is an approved program.

Asset Owners

Individuals/business that sell or rent farmland, livestock, buildings, or equipment to beginning farmers will receive a tax credit of 3.99% for one of the following:

In the case of a sale, the sale price.

In the case of a rental, the gross rental income that the individual or business received during the first three years of the rental agreement.

In the case of a rental through a share-rent agreement, the gross rental income received during the first three years of the share-rent agreement. A share-rent agreement is an arrangement by which, in exchange for the rented assets, the beginning farmer provides the owner of the assets with a specified portion of the farm products produced from the assets.

For more information on the Beginning Farmer Tax Credit Program, including eligibility criteria and how to apply, go to <https://agri.ohio.gov/programs/farmland-preservation-office/Beginning-Farmer-Tax-Credit-Program/Beginning-Farmer-Tax-Credit>

Those who would like to be eligible for this credit must complete some additional work and pay an additional \$200 to receive the certificate. More information on this or the course in general, is available online at <https://go.osu.edu/NEOSFFC> or by contacting Andrew Holden at Holden.155@osu.edu or calling 440-576-9008.

Upcoming Extension Programs

The following programs have been scheduled for NE Ohio farmers. Check back each week as more programs are added to the calendar

2023 Beef Twilight Tour

October 12th - RSVP by calling 440-576-9008 or online at www.go.osu.edu/23btt

BQA training – Bloomfield

October 25th - RSVP contact Andrew at 440-576-9008 or at Holden.155@osu.edu.

Northeast Ohio Small Farm Financial College

October 28th and November 4th - Learn more or register at <https://go.osu.edu/NEOSFFC>

Ashtabula County Beef Banquet

November 4, 2023

For tickets contact Andrew

Private Pesticide/Fertilizer Applicator Training

January 19, 2022 – Trumbull County

February 2, 2022 – Geauga County

March 1, 2022 – Portage County

March 28, 2022 – Ashtabula County

Weeds University

February 21, 2024

More information to come!

Northeast Ohio Agronomy School

March 27, 2024

More information to come!

Pruning Classes

March 2nd – Hartford

March 30th – Sages

CFAES

Wednesday
October
25

6:00 PM – 7:30 PM
Bloomfield Livestock
Auction
North Bloomfield, OH

BEEF QUALITY ASSURANCE (BQA)

This program offer the opportunity to earn your certification or renew you expiring one. The certification cycle is 3 years.

Andrew Holden and Noelle Barnes will cover a multitude of topics, including carcass quality, injection protocol, and animal handling, that will provide your BQA certification and ultimately impact your success at marketing.



THE OHIO STATE UNIVERSITY
EXTENSION

Call 440-576-9008 to RSVP

**Please arrive at least 10 minutes
prior to 6:00 PM**

College of Food, Agricultural, and Environmental Sciences

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis.
For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.



NORTHEAST OHIO SMALL FARM FINANCIAL COLLEGE

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DATE: Saturday, October 28 and Saturday, November 4, 2023

TIME: 9:00 AM – 3:00 PM

LOCATION: 4-H Camp Whitewood
7983 S Wiswell Rd, Windsor, OH 44099

COST: \$100 per participant, \$50 per additional family member

Register here: go.osu.edu/NEOSFFC

Call Andrew Holden at 440-576-90089 with any questions!



CFAES

Topics:

Starting Your New Farm Business

Goals and Expectations
Mission Statements
Business Plan
Farm Business Structure

Recordkeeping, Budgets and Taxes

Enterprise Budgets
Projecting Farm Income
Cost of Production
Introduction to Farm Taxes

Managing Your Small Farm's Finances

Balance Sheets
Cash Flow Statements
Financial Statements
Managing Income and Expenses

The Legal Side of Farm Financial Management

Farm Financing
Loan Options for Small Farms
Farm Leases and Contracts
Risks on the Farm
Liability Insurance

Sponsors:

OSU Extension-Ashtabula & Trumbull Counties

OSU Beginner and Small Farms Program

Farm Financial Management and Policy Institute (FFMPI)

Risser Farm Management Fund

Bruns Insurance Services