



**CFAES**

# **Agriculture & Natural Resources Newsletter**

Ohio - Northwest Region

# **2024**



**THE OHIO STATE UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

Thank you for viewing the content for the NW Ohio Newsletter. Please note that the offices below will do their best to update you on events that could change in 2024. To ensure an event is correct, please call or email the county or person where the program is being coordinated.

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## **Thank You**

The NW Ohio Agriculture newsletter is distributed to Northwest Ohio pesticide applicators and fertilizer certificate holders, regardless of current license/certificate status. Our Extension Offices in NW Ohio are proud to serve our constituents across the state. Thank you for your support of our offices. We hope you partner with us to fulfill our mission: Ohio State University Extension Agriculture and Natural Resources empowers Ohio's agriculture and natural resources communities, provides outreach and education based on unbiased research, and cultivates relationships to strengthen the economic viability and quality of life for Ohioans.

## **Table of Contents**

<b>Directory .....</b>	<b>pg. 2</b>
<b>Pesticide Applicator Re-certification/Fertilizer Re-certification.....</b>	<b>pg. 5</b>
<b>Commercial Pesticide Applicator Re-certification .....</b>	<b>pg. 10</b>
<b>New Pesticide Applicator Training .....</b>	<b>pg. 12</b>
<b>Pesticide Applicator Testing .....</b>	<b>pg. 14</b>
<b>New Fertilizer Certification.....</b>	<b>pg. 16</b>
<b>Agronomy.....</b>	<b>pg. 17</b>
<b>Farm Business Management .....</b>	<b>pg. 22</b>
<b>Livestock Production .....</b>	<b>pg. 28</b>
<b>Natural Resources, Horticulture.....</b>	<b>pg. 31</b>
<b>Misc. Ag. Events .....</b>	<b>pg. 38</b>
<b>Helpful Resources .....</b>	<b>pg. 41</b>
<b>Index.....</b>	<b>pg. 47</b>

## ***Happy Holidays from OSU Extension***

Don't forget to check out your County Extension Office website for information on programs published after this newsletter including other program areas such as Community Development, Family & Consumer Sciences, and 4-H Youth Development. We appreciate the continued support of our County Commissioners from across the state.

# Ohio Private Pesticide Applicator's Recertification/License Categories

The following are the categories in which you can be a licensed private pesticide applicator:

## **CORE**

Every licensed pesticide applicator must have the CORE section as part of their training for using pesticides legally and safely.

### **1 - Grain and Cereal Crops**

Application of restricted-use pesticides, except fumigants, to agronomic field crops including, but not limited to, corn, grain, sorghums, other small grains, soybeans, and sweet corn; and application of specialty uses (see Category 7).

### **2 - Forage Crops and Livestock**

Application of restricted-use pesticides, except fumigants, to crops grown primarily for use as hay, forage, fodder, or ensilage, and includes, but not limited to, such crops as corn and legumes, and to domestic animals which are held as agricultural commodities and their quarters; and application of specialty uses (see Category 7).

### **3 - Fruit and Vegetable Crops**

Application of restricted-use pesticides, except fumigants, to orchard fruit crops, and small fruits including, but not limited to, strawberries, brambles, and grapes, field-grown vegetables, sugar beets, sweet corn, and other horticultural crops grown primarily for human consumption; and application of specialty uses (see Category 7).

### **4 - Nursery and Forest Crops**

Application of restricted-use pesticides, except fumigants, to commercial nursery crops including, but not limited to, trees, shrubs, grasses, and herbaceous plants produced for replanting for their ornamental value or future fruit production; tree crops produced for use as Christmas trees or their utilitarian value; application of specialty uses (see Category 7).

### **5 - Greenhouse Crops**

Applications of restricted-use pesticides, except fumigants, to crops grown for food production or ornamental value under an impervious surface large enough to permit worker entry and application of specialty uses (see Category 7).

### **6 - Fumigation**

Application of restricted-use fumigants to the soil, grain storage, greenhouse areas, or any other confined areas and application of specialty uses (see Category 7).

### **7 - Specialty Uses**

Applicator only needs this category if he or she does NOT hold one or more of the categories (1-6).



# Private Pesticide Applicator Training (PAT) / License Re-certification and Fertilizer Applicator Re-certification Training (FACT) in Northwest Ohio

## General Statement:

Private Pesticide re-certification will cover options to re-certify at each location in the areas of CORE, Category 1, 2, 3, 4, 5, 6, and 7. Licensed private pesticide applicators in Ohio have two options to keep their license current: 1.) Attend 3 hours of approved re-certification training sessions during the 3-year window – OR -- 2.) Retest via ODA every three years.

The 3-hour re-certification must include 1 hour (minimum) of CORE + ½ hour (minimum) of credit in every category on the license + additional training in any category of approved pesticide applicator training = 3 total hours (minimum) of re-certification training.

Fertilizer re-certification (Category 15) requires a 1-hour training every three years to keep the certificate current.

**Both private pesticide and fertilizer re-certification must be completed by March 31, 2024.**

## Cost:

Fertilizer re-certification education training \$10. Pesticide re-certification education is \$35. Combo re-certification training is \$45 (Unless noted by the county.) **Payment options differ by training re-certification location and class type that is chosen (below).**

***Please note: The educational class fee is a different, separate fee from the ODA renewal fee. An applicator pays the Ohio Department of Agriculture \$30 every three years to keep your current license/certificate.***





# Private Pesticide Applicator Training (PAT) / Fertilizer Applicator Re-certification Training (FACT)

## ALLEN COUNTY

January 17

**Type:** In-person

**Fertilizer Re-certification:** 5:00 PM-6:00 PM

**Pesticide Re-certification:** 6:00 PM- 9:00 PM

**Description:** Pre-registration is mandatory.

Spots are limited. No walk-ins.

**RSVP Deadline:** Register by January 16.

**Event Registration:** Pre-registration is required. Light snacks are included in the registration.

**Link to registration:**

<http://go.osu.edu/allenPAT>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Allen County Fairgrounds, 2750 Harding Hwy, Lima, OH 45804

**Contact:** Nic Baumer, (419)879-9108, [baumer.15@osu.edu](mailto:baumer.15@osu.edu)

## PUTNAM COUNTY

January 29

**Type:** In-person

**Fertilizer Re-certification:** 5:00 PM-6:00 PM

**Pesticide Re-certification:** 6:00 PM -9:00 PM

**Description:** Pre-registration is appreciated. Walk-ins welcome.

**Link to registration:** <http://putnam.osu.edu>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Putnam County ESC, 124 Putnam Parkway, Ottawa, OH 45875

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)

## PAULDING COUNTY

January 30

**Type:** In-person

**Fertilizer Re-certification:** 8:30 AM-9:30 AM

**Pesticide Re-certification:** 9:45 AM-12:45 PM

**Description:** Pre-registration is mandatory. Spots are limited. No walk-ins.

**RSVP Deadline:** Register by January 25.

**Event Registration:** Pre-registration is required. Light snacks are included in the registration.

**Link to registration:**

<https://go.osu.edu/24pauldingagevents>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)

## DEFIANCE COUNTY

February 19

**Type:** In-person

**Fertilizer Re-certification:** 8:00 AM-9:00 AM

**Pesticide Re-certification:** 9:00 AM-12:00 PM

**Description:** Pre-registration is mandatory. Spots are limited. No walk-ins.

**RSVP Deadline:** Register by February 12.

**Event Registration:** Pre-registration is required. Light snack included in registration.

**Link to registration:** <http://defiance.osu.edu>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

**Contact:** Kyle Verhoff, (419)782-4771, [verhoff.115@osu.edu](mailto:verhoff.115@osu.edu)

## PUTNAM COUNTY

**February 26**

**Type:** In-person

**Fertilizer Re-certification:** 8:00 AM-9:00 AM

**Pesticide Re-certification:** 9:00 AM-12:00 PM

**Description:** Pre-registration is appreciated. Walk-ins welcome.

**Link to registration:** <http://putnam.osu.edu>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Kalida K of C Hall, 718 Napoleon Rd., Kalida, OH 45853

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)

## WILLIAMS COUNTY

**February 27**

**Type:** In-person

**Fertilizer Re-certification:** 1:00 PM-2:00 PM

**Pesticide Re-certification:** 2:00 PM-5:30 PM

**Description:** Pre-registration is mandatory. Spots are limited. No walk-ins.

**RSVP Deadline:** Register by February 20.

**Event Registration:** Pre-registration is required.

**Link to registration:**

<https://go.osu.edu/williamsagevents>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Williams County Fairgrounds - Gillette Building - 619 E. Main Street Montpelier, OH 43543

**Contact:** Kayla Wyse, (419)636-5806, [wyse.34@osu.edu](mailto:wyse.34@osu.edu)



## HARDIN COUNTY

**March 4**

**Type:** In-person

**Fertilizer Re-certification:** 1:00 PM-2:00 PM

**Pesticide Re-certification:** 9:00 AM-12:00 PM

**Description:** Pre-registration is mandatory.

**RSVP Deadline:** Register by February 26.

**Event Registration:** Pre-registration is required. Meal provided at extra cost. Bring your Ohio Pesticide/Fertilizer Applicator card. Class is limited to the first 50 registrants.

**Link to registration:**

<https://go.osu.edu/hardinpat-fact>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Plaza Inn Restaurant, 491 S. Main, Mt. Victory, OH 43340

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

## ERIE COUNTY

**March 5**

**Type:** In-person

**Fertilizer Re-certification:** 5:00 PM-6:00 PM

**Pesticide Re-certification:** 6:00 PM -9:00 PM

**Description:** Pre-registration is mandatory. Spots are limited. No walk-ins.

**Event Registration:** Pre-registration is required. Light snacks are included in the registration.

**Link to registration:** <http://erie.osu.edu/>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Ehope Career Center, 316 Mason Rd. W., Milan, OH 44846

**Contact:** Tom DeHaas, (567)998-7651, [deHaas.2@osu.edu](mailto:deHaas.2@osu.edu)



## HENRY COUNTY

**March 20**

**Type:** In-person

**Fertilizer Re-certification:** 5:00 PM-6:00 PM

**Pesticide Re-certification:** 6:00 PM-9:00 PM

**Description:** Pre-registration is mandatory.  
Spots are limited. No walk-ins.

**RSVP Deadline:** Register by March 15.

**Event Registration:** Pre-registration is required. Light snacks are included in the registration.

**Registration link:**

<http://go.osu.edu/henryanr24>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Northwest State Community College, Voinovich Auditorium, 22600 SR 34, Archbold, OH 43502

**Contact:** Alan Leininger, (419)592-0806,  
[leininger.17@osu.edu](mailto:leininger.17@osu.edu)

## FULTON COUNTY

**March 21**

**Type:** In-person

**Fertilizer Re-certification:** 8:00 AM-9:00 AM

**Pesticide Re-certification:** 9:15 AM-12:30 PM

**Description:** Pre-registration is mandatory.  
Spots are limited. No walk-ins.

**RSVP Deadline:** Register by March 14.

**Event Registration:** Pre-registration is required.

**Link to registration:**

<http://go.osu.edu/fcpat24>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Fulton County Extension Office, 8770 SR 108, Suite A, Wauseon, OH 43567

**Contact:** Kendall Lovejoy, (419)337-9210,  
[lovejoy.59@osu.edu](mailto:lovejoy.59@osu.edu)

## DEFIANCE COUNTY

**March 25**

**Type:** In-person

**Fertilizer Re-certification:** 5:00 PM-6:00 PM

**Pesticide Re-certification:** 6:00 PM-9:00 PM

**Description:** Pre-registration is mandatory.  
Spots are limited. No walk-ins.

**RSVP Deadline:** Register by March 18.

**Event Registration:** Pre-registration is required. Light snacks are included in the registration.

**Registration link:** <http://defiance.osu.edu>

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

**Contact:** : Kyle Verhoff, (419)782-4771,  
[verhoff.115@osu.edu](mailto:verhoff.115@osu.edu)

## HARDIN COUNTY

**March 27**

**Type:** In-person – Make-Up/Specialty Video Training

**Fertilizer Re-certification:** 1:00 PM-2:00 PM

**Pesticide Re-certification:** 9:00 AM-12:00 PM

**Description:** Pre-registration is mandatory.  
Spots are limited. No walk-ins.

**RSVP Deadline:** Register by March 20.

**Event Registration:** Pre-registration is required. Light snacks are included in the registration. Bring your Ohio Pesticide/Fertilizer Applicator card.

**Registration link:** Call the office to register.

**Cost:** PAT \$35; FERT \$10; Combo \$45

**Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

**Contact:** Mark Badertscher, (419)767-6037,  
[badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

# Commercial Pesticide Applicators

## General Information:

A commercial applicator applies pesticides:

- for hire; or
- on publicly accessible sites such as golf courses, apartment complexes, restaurants, schools; or
- while working for a government agency

*Commercial applicators must be licensed to use both restricted and general-use products.*

## Category List-Commercial Pesticide Applicator Categories:

- Category 1 - Aerial Pest Control - application of pesticide via aircraft. (As of 10/20/2017, an additional category is no longer needed)
- Category 2 - Agricultural Pest Control (2a - Agronomic Pest, 2b - Horticultural Pest, 2c - Agricultural Weed Control, 2d - Seed Treatment, 2e - Tobacco Sucker Control, 2f - Soil Fumigation)
- Category 3a - General Aquatic Pest Control, 3b - Boat Antifoulant, 3c - Sewer Root Control
- Category 4 - Forest Pest Control (4a - General Forest Pest Control and 4b - Wood Preservation)
- Category 5 - Industrial Vegetation
- Category 6 - Ornamental Plant & Shade Tree Pest Control (6a - General Ornamental Pest Control, 6b - Interior Plantscape, 6c - Ornamental Weed Control, 6d - Greenhouse Pest Control)
- Category 7 - Vertebrate
- Category 8 - Turf
- Category 9 - Animal Pest Control
- Category 10 - Domestic, Institutional, Structural & Health Related Pest Control (10a - General Pest Control, 10b - Termite, 10c - Fumigation, 10d - Mosquito, House Fly and Other Vector Control)
- Category 11 - Specialized pest control
- Category 12 - Wood Destroying Insect Diagnostic Inspection - the examination of a structure at the request of any party involved in a contemplated real estate transaction for a wood-destroying insect inspection. Other requirements with this category: attendance at a 5-hour Wood Destroying Insect Inspection Training Program.
- Additional information and detailed descriptions for each category can be found at: <https://pested.osu.edu/catlist>

## Commercial Pesticide Applicator Recertification

All registration, details, categories offered, and information can be found at: <https://pested.osu.edu/commercialrecert>. Please check the categories offered via the website when registering. Not all categories are covered at every site.

### In-Person Classes

- January 11, 2024 - Akron (John S. Knight Center)
- January 18, 2024 - Findlay (New Location - Hancock Hotel)
- February 14, 2024 - Columbus (New Location – Columbus Convention Center)
- February 22, 2024 - Cincinnati Area (Oasis Conference Center)

### Live Online Webinars

- February 27, 2024 - Ag. and Horticultural Field Crop
- February 28, 2024 - Agricultural Fertilizer Recertification
- February 29, 2024 - Landscape, Turf, and Ornamental
- March 5, 2024 - Industrial Veg, Natural Areas and Aquatic
- March 7, 2024 - Structural and Vertebrate Pests

### Self-Paced Re-Certification

- Open January 22, 2024



# New Pesticide Applicator Training

Hardin County • January 16

12:00 PM-4:00 PM

**Class Type:** In-person

**Description:** New Private Pesticide Applicator Class is for individuals preparing to take the ODA private pesticide applicator test for the first time. Topics include CORE and Category 1 (Grain Crops), with books included. Additional study before testing is recommended.

**Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

**Cost:** \$40 which includes books.

**Registration information:** RSVP deadline, January 2. Light snacks are included in the registration.

**Registration link:** Please call the office to register. (419)674-2297

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

Paulding County • February 24

9:30 AM-12:00 PM

**Class Type:** In-person

**Description:** This new Pesticide Applicator “Crash Course” class is designed to help participants prepare for taking the Ohio private applicator CORE and Category 1 exams administered by the Ohio Department of Agriculture. Study guides need to be purchased separately. Registration will provide handouts and other resources. An additional study by the participants is encouraged beyond the time spent in class.

Although this class will help prepare participants in CORE (applying pesticides properly and safely) and Category 1 (Grain and Cereal Crops), other resources will be made available for additional study in other certification categories. Participants can elect to test with ODA following the program on another date.

**Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

**Cost:** \$25

**Registration information:** RSVP is mandatory with the deadline of February 19. Seating is limited. No walk-ins are available. Light snacks are included in the registration.

**Registration link:** <https://u.osu.edu/pauldingag/events/>

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)

Putnam County • March 19

9:00 AM-11:00 AM

**Class Type:** In-person

**Description:** Crash course for those interested in taking the ODA pesticide applicator exam. A review of study materials for the ODA pesticide exam with a focus on CORE, Category 1 and 2.

**Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

**Cost:** \$20

**Registration information:** RSVP is mandatory with the deadline of March 15.

**Link to registration:** <http://putnam.osu.edu>

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)





## Putnam County • March 19

7:00 PM-9:00 PM

**Class Type:** In-person

**Description:** Crash course for those interested in taking the ODA pesticide applicator exam. A review of study materials for the ODA pesticide exam with a focus on CORE, Category 1 and 2.

**Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

**Cost:** \$20

**Registration information:** RSVP is mandatory with the deadline of March 15.

**Link to registration:** <http://putnam.osu.edu>

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)

## eFields – Coming Soon!

Expected release January 2024

**CFAES**

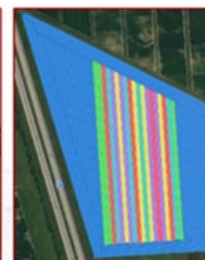
OHIO STATE UNIVERSITY EXTENSION

# eFields

connecting science to fields

**Interested in improving  
decision-making on your farm?**

*Partner with Ohio State University  
Extension to use science to  
optimize your operation.*



**THE OHIO STATE UNIVERSITY**  
COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

### For more information:

Contact Dr. Elizabeth Hawkins at  
[hawkins.301@osu.edu](mailto:hawkins.301@osu.edu) or [digitalag@osu.edu](mailto:digitalag@osu.edu).

# Testing for Private and Commercial Pesticide, Fertilizer Applicator License

## General Information:

Ohio Department of Agriculture offers an in-person testing option for Private and Commercial Pesticides, as well as Fertilizer examinations for 2024. Pre-registering with the Ohio Department of Agriculture is mandatory. No walk-ins will be permitted. Web registration <https://agri.ohio.gov/wps/portal/gov/oda/divisions/plant-health/pesticides/exam-registration>. Multiple exams may be taken during a session. Additionally, the Ohio Fertilizer Certification test is given at these locations.

## Day of in-person testing reminders:

The Ohio Department of Agriculture asks that every person taking the exam do a self-check before entering ODA's campus or regional exam location. Please take your temperature at home to ensure you do not have a fever. If you are feeling sick, please reschedule your exam.

- **Photo IDs will be required.**
- **Pencils and calculators will be provided.**

## Need to check your pesticide test scores?

Go to this link: <https://agri.ohio.gov/wps/portal/gov/oda/divisions/plant-health/pesticides/exam-results>

## Notes for Pesticide Testing

Applicants must be 18 years of age and have a valid ID through the state of Ohio or potential for state reciprocity. Register via the ODA website on the previous page.

FULTON COUNTY	JANUARY 23	9:00 AM
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Fulton County Extension Office, 8770 SR 108, Suite A, Wauseon, OH 43567

DEFIANCE COUNTY	JANUARY 29	10:00 AM
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Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

HARDIN COUNTY	JANUARY 30	10:00 AM
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Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

PUTNAM COUNTY	FEBRUARY 14	9:00 AM
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Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

PAULDING COUNTY	FEBRUARY 15	9:00 AM
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Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

FULTON COUNTY	FEBRUARY 20	9:00 AM
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Fulton County Extension Office, 8770 SR 108, Suite A, Wauseon, OH 43567



HARDIN COUNTY FEBRUARY 27 10:00 AM  
Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

DEFIANCE COUNTY FEBRUARY 28 10:00 AM  
Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

PAULDING COUNTY MARCH 12 1:00 PM  
Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

FULTON COUNTY MARCH 19 9:00 AM  
Fulton County Extension Office, 8770 SR 108, Suite A, Wauseon, OH 43567

PUTNAM COUNTY MARCH 20 9:00 AM  
Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

HARDIN COUNTY MARCH 26 10:00 AM  
Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

DEFIANCE COUNTY MARCH 28 10:00 AM  
Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

PAULDING COUNTY APRIL 11 9:00 AM  
Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

FULTON COUNTY APRIL 16 9:00 AM  
Fulton County Extension Office, 8770 SR 108, Suite A, Wauseon, OH 43567

PUTNAM COUNTY APRIL 16 9:00 AM  
Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

DEFIANCE COUNTY APRIL 30 10:00 AM  
Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

PAULDING COUNTY MAY 7 9:00 AM  
Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

FULTON COUNTY MAY 14 9:00 AM  
Fulton County Extension Office, 8770 SR 108, Suite A, Wauseon, OH 43567

DEFIANCE COUNTY MAY 29 10:00 AM  
Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512



# New FACT (Fertilizer Applicator Certification Training)

Who needs this training?

FACT is the initial 3-hour Fertilizer Certification class for farmers and applicators who apply fertilizer. No difference exists between a commercial or private fertilizer applicator. This certification is required if you apply fertilizer (including manure) to more than 50 acres used for agricultural production grown primarily for sale.

Fertilizer, deemed under this certification, is any substance containing nitrogen, phosphorus, potassium, or other plant nutrients in a dry or liquid formulation. All application types (broadcast, side dress, sub-surface, knifing, etc.) are included in this certification requirement. The only application exempted is start-up fertilizers that are applied through a planter. For this certification, lime and limestone are not considered fertilizers. Because this is a certification, attendees may be under the age of 18.

This certification is required if you apply fertilizer (other than manure) to more than 50 acres of agricultural production grown primarily for sale. This includes 28% N. If you hire a co-op or other custom applicator, you do not need certification. Additionally, you must have a fertilizer certification, Certified Crop Adviser (CCA), OR Certified Livestock Manager (CLM) to apply manure from any Concentrated Animal Feeding Facility (CAFF). You must either take the Fertilizer Applicator Test offered through the Ohio Department of Agriculture OR attend a three-hour fertilizer certification training such as this class to become certified.

**The classes below provide attendees with Ohio fertilizer applicator certification without the need for testing by ODA for farmers, employees, and/or applicators.**

## Allen County • January 31

**9:00 AM - 12:00 PM**

**Location:** Allen County Fairgrounds,  
2750 Harding Hwy, Lima, OH 45804

**Cost:** \$30

**RSVP Deadline:** Register by January 26.

**Event Registration:** Registration is mandatory. Snack is included in registration.

**Registration link:**

<http://go.osu.edu/allennewfert>.

**Contact:** Nic Baumer, (419)879-9108,  
[baumer.15@osu.edu](mailto:baumer.15@osu.edu)

## Hardin County • February 13

**1:00 PM - 4:00 PM**

**Location:** Hardin County Extension Office,  
1021 W. Lima, Kenton, OH 43326

**Cost:** \$30

**RSVP Deadline:** Register by February 6.

**Event Registration:** Registration is mandatory and limited to the first 25 registrants. No walk-ins. Snack included in registration.

**Registration link:** Please call the office to register.

**Contact:** Mark Badertscher, (419)767-6037,  
[badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)





# Agronomy / Soil Health / Nutrient Management / Water Quality

## Paulding County

## Cover Crops Roundtable

6:30 PM-7:30 PM

**Event Type:** In-Person

Join the OSU Extension Office for their monthly regional Cover Crops Roundtable. This farmer-to-farmer group features topics related to cover crop economics and management and soil health. The sessions are not based on selling cover crops but on what practices are working in NW Ohio, NE Indiana, and SE Michigan. Attend one or all monthly sessions. RSVP is appreciated to order refreshments. Sessions are year-round.

**Registration Information:** RSVPs are appreciated to plan for food and to see the speaker line up.

**Registration link:** <https://u.osu.edu/pauldingag/events/>

**Dates:** January 9, February 9, March 5, April 9, May 7, June 4

**Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

**Cost:** No charge

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)

## Statewide Webinar

## Soil Health Series

8:00 AM-9:00 AM

**Event Type:** Virtual

**Description:** Join us for a webinar series focusing on all things soil health. This series will offer standalone topics, so attendees can attend one, two, or all three sessions. Live webinars will offer CCA continuing education credits, and webinar recordings will be posted to the OSU Agronomy Team YouTube Channel for later viewing. In this monthly series, farmers, industry, and academic experts will weigh in on practical steps to improve soil health and measure the impact on crop yield and farm profitability.

**Dates & Topics:**

- January 11 – Soil Health: Who's the J.A.M. at OSU? Dr. Jim Ippolito, Dr. Asmita Murumkar, & Dr. Manbir Rakkar, The Ohio State University
- February 8 – Cover Crop Info Drop, Farmer/Grower Panel
- March 7 – What's the beef with livestock and soil health? Dr. Anna Cates, University of Minnesota, Dr. Mary Drewnoski, University of Nebraska-Lincoln, and Dr. Douglas Jackson-Smith, The Ohio State University

**Registration information:** <http://go.osu.edu/SoilHealthWeb>

**RSVP Deadline:** Midnight the night before the event

**Cost:** No charge.

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)



## Hardin County

## Conservation Tillage Club

7:30 AM-9:30 AM

**Event Type:** In-Person

Join us for breakfast followed by a featured speaker. Topics include agronomy, farm management, soil conservation, nutrient management, and water quality. CCA credits are available. Meal costs are covered by sponsors.

**Registration Information:** No RSVP is needed. Just show up. Park in the truck parking area. The program is in the back room.

**Dates:** January 11, January 25, February 8, February 22

**Location:** Plaza Inn Restaurant, 491 S. Main, Mt. Victory, OH 43340

**Cost:** No charge

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

## Putnam County

## Agronomy Night

January 16

6:00 PM-9:00 PM

**Event Type:** In-Person

Updates on agronomic topics of interest including weed management, corn and soybean production, and others. Private pesticide and CCA credits are available. The event cost is covered by sponsorships.

**Registration Information:** Meal included with registration.

**Registration link:** <http://putnam.osu.edu>

**Location:** Kalida K of C Hall, 718 Napoleon Rd., Kalida, OH 45853

**Cost:** No Charge

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)

## Fulton County

## Corn-Soybean Day

January 19

8:00 AM-4:00 PM

**Event Type:** In-Person

The annual Northwest Ohio Corn/Soybean Day returns for a day full of agronomic and research updates for the 2024 growing season. Attendees will be engaged with top-level speakers from Extension and the industry. Over 30 vendors will be on-site to network and receive questions. Ohio Private and Commercial Fertilizer and Pesticide credits will be available, as will Michigan Pesticide and CCA credits.

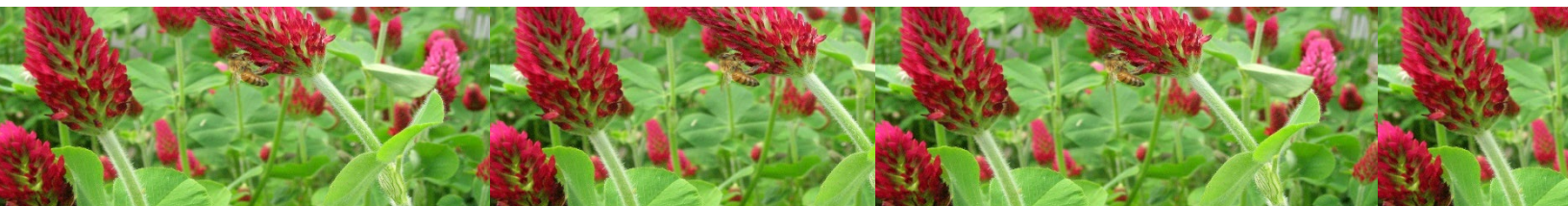
**Registration Information:** Meal included with registration.

**Registration link:** <http://go.osu.edu/cornsoy24>

**Location:** Sauder Village, Founder's Hall, 22611 SR 2, Archbold, OH 43502

**Cost:** \$40 early, \$50 after January 5

**Contact:** Kendall Lovejoy, (419)337-9210, [lovejoy.59@osu.edu](mailto:lovejoy.59@osu.edu)



## Paulding County

## Farm Management/Agronomy Monthly Breakfast

**7:30 AM-9:30 AM**

**Event Type:** In-Person

Join us for breakfast followed by a featured speaker. Topics include agronomy, farm management, soil conservation, nutrient management, and water quality. CCA credits are available. Most meal costs are covered by sponsors or at attendees' cost.

**Registration Information:** No RSVP is needed. Just show up. The program is in the back room.

**Registration link:** <https://u.osu.edu/pauldingag/events/>

**Dates:** January 25, February 29, March 28, April 25, May 30, June 27

**Location:** Paulding Pancake House, 18187 US 127 Cecil, OH 45821

**Cost:** No charge

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)

## Statewide Webinar

## Water Quality Wednesdays

**10:00 AM-11:30 AM**

**Event Type:** Virtual

Join the Water Quality Extension Associates for a monthly webinar on topics that impact water quality in the Western Lake Erie Basin. All WQW Webinars will be recorded for later viewing. All live webinars will offer Certified Crop Advisor (CCA) continuing education credits, and relevant topics will offer Certified Livestock Manager (CLM) credits to participants. Visit <http://waterqualityextension.osu.edu> for information on topics as they become available.

**Registration Information:** Please register by midnight on the day before the session.

**Registration link:** Register for one or all webinars at <http://go.osu.edu/WQW24>

**Dates:** January 31, February 28, and March 27

**Location:** Virtual

**Cost:** No charge

**Contact:** Rachel Cochran, (419)399-8225, [cochran.474@osu.edu](mailto:cochran.474@osu.edu)

## Sandusky County

## Northern Ohio Crops Day

February 1

**8:00 AM-4:30 PM**

**Event Type:** In-Person

Join us for a full day of great presenters on a variety of agronomic topics with OSU and outside speakers. Must attend the entire program to receive credits. Private and commercial pesticide applicator, fertilizer, and CCA credits are available.

**Registration Information:** Call the office to register. RSVPs are due by January 24.

**Location:** Old Zim's Wagon Shed, 1387 SR 590, Gibsonburg, OH 43431

**Cost:** \$55 pre-registration is required by January 24. No walk-ins.

**Contact:** Allen Gahler, (419)334-6340, [gahler.2@osu.edu](mailto:gahler.2@osu.edu)



## Allen County

## Ag Outlook and Agronomy Day

February 6

8:30 AM-3:30 PM

**Event Type:** In-Person

Come spend the day with us at our 4th Annual Allen County Ag Outlook and Agronomy Day and catch up on the latest in Ag economics, agronomy, and technology. Full details including session titles and presenters can be found at <http://u.osu.edu/allenanr/upcoming-programs/>. Certified Crop Advisor and pesticide/fertilizer credits may be offered.

**Registration Information:** Click the link below or call the office to register. Meal included with registration. RSVPs are due by January 30.

**Registration link:** <https://go.osu.edu/allenagday>

**Location:** Allen County Fairgrounds, 2750 Harding Hwy, Lima, OH 45804

**Cost:** \$20

**Contact:** Nic Baumer, (419)879-9108, [baumer.15@osu.edu](mailto:baumer.15@osu.edu)

## Henry County

## Northwest Ohio Agronomy Day

February 7

8:00 AM-4:30 PM

**Event Type:** In-Person

Join us for a full day of great presenters on a variety of agronomic topics. Presenters include Bruce Clevenger, Extension Field Specialist in Farm Management; Vinayak Shedekar, Food Agriculture and Biological Engineering, State Extension Specialist in Drainage Water Management; Michael Staton, Michigan State University, Extension Agronomist; Marina Miquilini, Extension Educator ANR, Greene County; Greg Labarge, Extension Field Specialist, Agronomy; Alan Leininger, Extension Educator ANR, Henry County. Private and commercial pesticide applicator, fertilizer, and CCA credits are available.

**Registration Information:** Meal included with registration.

**Registration link:** <https://go.osu.edu/henryanr2024>

**Location:** Bavarian Haus, 3814 SR 18, Deshler, OH 43516

**Cost:** \$45 until February 1; \$55 after February 2

**Contact:** Alan Leininger, (419)592-0806, [leininger.17@osu.edu](mailto:leininger.17@osu.edu)

## Paulding County

## Regional Weeds University

February 21

9:00 AM-4:00 PM

**Event Type:** In-Person

Join us for the regional Weeds University. Hands-on activities and speakers will be included in the event. Topics covered - Identification of weeds, the biology of weeds, developing your herbicide program, and control strategies for weed management. Optional topics include cover crops and weeds or forage crops and weed management. Speakers will include Aaron Hagerman, Iowa State University; Rodrigo Werle, University of Wisconsin – Madison; Michael Flessner, Virginia Polytechnic Institute and State University; and Alyssa Essman, The Ohio State University, as well as regional county educators. CCA, Commercial, and Private PAT credits are available. Sessions are also offered in Auglaize, Clermont, Fayette, Marion, Madison, Wayne, Jackson, Crawford, and Ashtabula counties. See their county websites for details.

**Registration Information:** RSVP due by February 16. Meal included with registration.

**Registration link:** <https://u.osu.edu/pauldingag/events/>

**Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

**Cost:** \$40

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)





## Statewide

## Conservation Tillage & Technology Conference March 12 & 13

8:00 AM-5:30 PM

**Event Type:** In-Person

The annual conference will feature state and national expert speakers on a variety of timely agricultural topics. Breakout rooms will include agronomy, nutrient management, soil health/cover crops/no-till, precision ag & technology, water quality/conservation practices, and alternative crops/hot topics/farm management. CCA and CLM credits will be offered. Video recorded option may be offered at a later date for continuing education credits.

**Registration Information:** Register for one or both days. Flat rate registration for the conference/video. Food is included in the registration. Registration includes both days. Check rates for a single day.

**Registration link:** <http://ctc.osu.edu>

**Location:** Ohio Northern University, McIntosh Center, 402 W. College, Ada, OH 45810

**Cost:** \$100 early, after February 29 \$150

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

## Hardin County

## Battle for the Belt

March 20

9:00 AM-1:00 PM

**Event Type:** In-Person

Regional OSU Extension program with state and field specialists featuring the topic "Is it better to plant corn or soybean first?" Speakers will provide information and data based on the first year of university research held at the OARDC research stations in Wood County, Clark County, and Wayne County during the 2023 growing season.

**Registration Information:** Meal included with registration. RSVP is due by March 13. Check the website for topics, speakers, and registration information.

**Registration link:** <https://go.osu.edu/hardinagmr>

**Location:** Mid-Ohio Energy Cooperative, 1210 Lima Street, Kenton, OH 43326

**Cost:** \$15

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

## Agronomy and Farm Management Podcast

*Agronomy hosts: Amanda Douridas and Elizabeth Hawkins*

*Farm Management hosts: Bruce Clevenger and Josh Winters*

Stay on top of what is happening in the field and the farm office. This podcast takes a bi-monthly dive into specific issues that impact agriculture, such as weather, land value, policies, commodity outlooks, and more.

**New episodes are released every other Wednesday.**

**Listen and subscribe at:** [www.go.osu.edu/iTunesAFM](http://www.go.osu.edu/iTunesAFM) or [www.go.osu.edu/StitcherAFM](http://www.go.osu.edu/StitcherAFM)



Scan here  
for iTunes!



# Farm Business Management

## Statewide • Farm On: OSU Financial Management Course • Opens January 1

**Event Type:** Virtual

**Description:** This self-paced, on-demand course is for any farmer looking to improve their understanding and application of valuable farm financial and risk management tools. Completion of the course meets the requirements of Ohio House Bill 95 Beginning Farmer Tax Credit program and the Borrower Training Requirements for the U.S.D.A. Farm Service Agency's Direct Farm Loan Program. This 10-module course includes video lessons from Ohio State's farm management instructors, quizzes, and exercises that help attendees prepare documents for these programs. Estimated time for completion is 20-24 hours. The course is hosted on OSU's ScarletCanvas platform with regular and scheduled office hours provided by the lead instructor. Continuous enrollment with 180 days to complete the course.

**Cost:** \$300

**Location:** Virtual

**Registration link:** <http://www.go.osu.edu/farmon>

**Registration information:** Course enrollment opens on January 1. Continuous enrollment with 180 days to complete the course.

**Contact:** Eric Richer, (419)590-6042, [richer.5@osu.edu](mailto:richer.5@osu.edu)

## Statewide • Ohio State Organic Grains Conference • January 4- 5

**9:30 AM-3:30 PM**

**Event Type:** In-person

**Description:** This 2-day conference (January 4-5) offers programming for experienced organic growers, growers transitioning to or considering organic, and consultants or educators who support these growers. Featured speakers include Klaas Martens, Lea Vereecke, Eugene Law, Steve Culman, and numerous OSU faculty, staff, and researchers. Farmer panels on weed control, biological products, and new technology. Targeted trade show for organic grain growers. 10+ hours of CCA credits offered.

**Cost:** \$130 for both days if registered by December 22; After December 23 rate increases to \$175

**Location:** Maumee Bay Lodge and Conference Center, 1750 State Park Road #2, Oregon, OH 43616

**Registration link:** <http://www.go.osu.edu/organicgrains>

**Registration information:** Pre-registration is due by December 22; late registrations are accepted up to the day of the conference. Hotel phone number: 1-800-AT-A-PARK (800-282-7275).

**Contact:** Eric Richer, (419)590-6042, [richer.5@osu.edu](mailto:richer.5@osu.edu)

## Hardin County • Ag Council Breakfast

**7:30 AM-9:00 AM**

**Event Type:** In-person

**Description:** Join us for breakfast and a roundtable discussion of county agricultural issues and events. Each month the county Extension Educator will share information about a timely topic. Breakfast is available as an option at your own cost. No registration is required.

**Dates:** January 5, February 2, March 1, April 5, May 3, and June 7.

**Cost:** No charge.

**Location:** Kenton McDonalds - 990 E Columbus Street, Kenton, OH 43326

**Registration information:** No RSVP is needed. Just show up.

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)



## Auglaize County • Farm Financial Management College • Series

6:00 PM-8:30 PM

**Event Type:** In-person

**Description:** This four-session college is designed for any farmer looking to improve their farm financial management skills. This course will develop an understanding of farm financial management, production record keeping, and enterprise analysis. If participants are interested, this course also fulfills the requirements for Ohio's Beginning Farmer Tax Credit Program Certification (House Bill 95).

**Cost:** \$100/person, \$50/each additional family member.

**Location:** Auglaize County Administration Building, Basement Meeting Room, 209 South Blackhoof Street, Wapakoneta, OH 45895

**Dates:** January 16, January 18, January 23, and January 25.

**Registration information:** Registration is mandatory as space is limited. Dinner is included in the registration. The RSVP deadline is January 8.

**Registration link:** <http://go.osu.edu/ffmc>

**Contact:** Nic Baumer, (419)879-9108, [baumer.15@osu.edu](mailto:baumer.15@osu.edu) or Ryan McMichael, (419) 586-2179, [mcmichael.33@osu.edu](mailto:mcmichael.33@osu.edu)

## Statewide • Farm Office Live • Webinar Series

10:00 AM-11:30 AM

**Event Type:** Online

**Description:** Join OSU Extension Statewide in their monthly farm management topic series. Sign up for one or all months. Recordings are available after the event. For topics check out <https://farmoffice.osu.edu/farmofficelive>.

- January topics include Grain Marketing Update – Seungki Lee, Asst. Professor, Dept. of Agricultural, Environmental & Development Economics, OSU; OSU's New Food Business Central Course – Emily Marrison, Extension Educator, OSU Extension; The Ohio Farm Resolution Services Program – Robert Moore, Attorney, OSU Agricultural & Resource Law Program; An Update on Solar Development in Ohio and Issues for Agriculture – Panel discussion; Upcoming Winter Programs - David Marrison, Farm Management Field Specialist, OSU Extension

**Dates:** January 19, February 16, March 15, and April 19.

**Cost:** Free

**Location:** Online

**Registration link:** <https://farmoffice.osu.edu/farmofficelive>

**Registration information:** Sign up for one or all months

**Contact:** Wm. Bruce Clevenger, (419)770-6137, [clevenger.10@osu.edu](mailto:clevenger.10@osu.edu)



## Defiance County • 2024 Farm Outlook Meeting • January 23

5:30 PM-9:00 PM

**Event Type:** In-person

**Description:** Speakers will be Eric Richer, discussing the beginner farmer tax credit and custom rates, Dr. Seungki Lee, discussing the grain marketing outlook for 2024, and Dr. Ian Sheldon, discussing global economics and foreign trade.

**Cost:** \$10 until January 12, after January 12 cost is \$20.

**Location:** Jewel Community Center, 7900 Independence Rd., Defiance, OH 43512

**Registration information:** Registration is mandatory as space is limited. Dinner is included in the registration. Payment to OSU Extension Defiance County: check, cash, or credit card.

**Registration link:** <http://defiance.osu.edu>

**Contact:** Kyle Verhoff, (419)782-4771, [verhoff.115@osu.edu](mailto:verhoff.115@osu.edu)

## Putnam County • Annie's Project • Series

6:00 PM-9:00 PM

**Event Type:** In-person

**Description:** Annie's Project is a 6-week educational series for women in agriculture with a focus on enhancing communication, production, and marketing skills, providing resources, and more.

**Cost:** \$90/person

**Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

**Dates:** January 31, February 7, February 14, February 21, February 28, and March 6.

**Registration information:** Registration is mandatory as space is limited. Dinner is included in the registration. The RSVP deadline is January 19.

**Registration link:** <http://putnam.osu.edu>

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)





## Statewide • Planning for the Future of your Farm • Webinar Series

6:30 PM-8:00 PM

**Event Type:** Online

**Description:** OSU Extension will be hosting a virtual four-part “Planning for the Future of Your Farm” webinar series. This workshop is designed to help farm families learn strategies and tools to successfully create a succession and estate plan that helps you transfer your farm’s ownership, management, and assets to the next generation.

Topics discussed during this series include: Developing Goals for Estate and Succession; Planning for the Transition of Management; Planning for the Unexpected; Communication and Conflict Management during Farm Transfer; Legal Tools and Strategies; Developing Your Team; Getting Your Affairs in Order; and Selecting an Attorney.

Because of its virtual nature, you can invite your parents, children, and/or grandchildren (regardless of where they live in Ohio or across the United States) to join you as you develop a plan for the future of your family farm.

The instructor for this series will be: Robert Moore, Attorney with the OSU Agricultural & Resource Law Program. Before joining OSU, Robert was in private practice for 18 years where he provided legal counsel to farmers and landowners. David Marrison, OSU Extension Field Specialist, Farm Management.

**Dates:** February 5, February 12, February 19, and February 26.

**Cost:** \$75

**Location:** Online

**Registration link:** <http://go.osu.edu/farmsuccession>

**Registration information:** Preregistration is required so that one packet of program materials can be mailed in advance to participating families. Electronic copies of the course materials will also be available to all participants. The registration fee is \$75 per farm family. The registration deadline is January 22, 2024.

**Contact:** David Marrison, (740)722-6073, [marrison.2@osu.edu](mailto:marrison.2@osu.edu)

## Statewide • Wednesday Women in Agriculture • Webinar Series

10:30 AM-11:30 AM

**Event Type:** Online

**Description:** Join OSU Extension Statewide in their monthly Ohio Women in Agriculture farm management topic series on the first Wednesday of the month year-round. Sign up for one or all months. Recordings are available after the event. Check out <https://u.osu.edu/ohwomeninag/> for monthly topics.

**Dates:** February 7, March 6, April 3, May 1, June 5, July 10, August 7, September 4, October 2, November 6, December 4.

**Cost:** Free

**Location:** Online

**Registration link:** <http://go.osu.edu/wiawednesdaywebinars2024>

**Registration information:** Sign up for one or all months.

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)



## Statewide • Basics of Grain Marketing • Two-Day Workshop

5:30 PM-8:30 PM

**Event Type:** In-person

**Description:** Are you a grain producer with these questions... When to Lock in a Price? What to do Pre-Harvest and Post Harvest? What Market Information is Just Noise? What is the market telling me to do?

Farm Ready Topics include: basis, market carry, margins, cash markets, forward and future contracts, hedge to arrive and basis contracts, differed price, hedging, storage, and overviews on options, spreads, and crop insurance.

This is more than a 2-day workshop. It includes a pre-workshop virtual lesson: calculate grain cost of production and measure your risk comfort; workshop modules/activities to put content into action for the farm; post-workshop grain marketing peer group.

This workshop is sponsored by grower checkoff funds supported by the Ohio Soybean Council and Ohio Corn & Wheat via the OSUE Farm Financial Management & Policy Institute (FFMPI). Ohio growers are the target to be in the seats at the workshop.

The teaching team includes Seungki Lee, The Ohio State University, Department of Agriculture, Environmental and Development Economics; Grant Gardner, University of Kentucky, Agricultural Economics; Ben Brown, University of Missouri, Agricultural and Applied Economics; Panel of trading professionals.

**Cost:** \$100/person.

**Location:** Union County Extension Office, 18000 SR 4, Suite E, Marysville, OH 43040

**Dates:** February 8 and February 9.

**Registration information:** Registration is mandatory as space is limited to 35 participants. Registration includes training materials, lunch, and refreshments on both days. Dinner at an optional networking gathering on the evening of February 8. Travel and hotel on your own. (Optional block room rates available) The RSVP deadline is January 20.

**Registration link:** <https://go.osu.edu/grainmarketing>

**Contact:** Wm. Bruce Clevenger, (419)770-6137, [clevenger.10@osu.edu](mailto:clevenger.10@osu.edu)

## Putnam County • Farm Accounting with Quicken® • Series

6:00 PM-8:30 PM

**Event Type:** In-person

**Description:** This two-night workshop will focus on using Quicken® for farm accounting tasks. Laptop computers will be provided. Registration fee includes attendance and materials for two individuals per farm operation. Must attend both nights.

**Cost:** \$60/person. Includes registration for two (2) participants.

**Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

**Dates:** March 13, March 14

**Registration information:** Registration is mandatory as space is limited. Dinner is included in the registration. The RSVP deadline is March 6.

**Registration link:** <http://putnam.osu.edu>

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)



## Lucas County • OSU Beginner & Small Farm Financial College • Series

5:30 PM-8:30 PM

**Event Type:** In-person

**Description:** OSU's Small Farm College is a six-week series featuring topics related to beginning and operating a small farm. This multiple-night workshop will help individuals or businesses start correctly. The expectation is to attend all sessions. Completion of the course meets the requirements of Ohio House Bill 95 Beginning Farmer Tax Credit program and the Borrower Training Requirements for the U.S.D.A. Farm Service Agency's Direct Farm Loan Program.

**Cost:** \$100/person.

**Location:** The Lodge at Strawberry Acres Park, 950 South McCord Road, Holland, Ohio 43528

**Dates:** April 9, April 16, April 23 and April 30.

**Registration information:** Registration is mandatory as space is limited. Dinner is included in the registration. The RSVP deadline is March 15.

**Registration link:** <http://lucas.osu.edu>

**Contact:** Amy Stone, (419)574-0986, [stone.91@osu.edu](mailto:stone.91@osu.edu)



# Livestock Production

## Mercer County • Western Ohio Dairy Luncheon Series

11:00 AM-1:00 PM

**Event Type:** In-Person

The monthly series covers dairy topics from herd management, financial analysis, forages, dairy risk management, and others. The luncheon occurs on the third Wednesday of each month.

**Dates & Topics:**

- January 17 – Dr. Mark Hardesty, "What Are Your Dairy Vets Seeing in the Industry" Talk
- February 14 – Ryan McMichael, Mercer County ANR Educator, "Strategies for Attracting and Retaining Labor for the Farm."
- March 20 – Douglas Jackson-Smith, OSU, "Comparing the Pros and Cons of Integrating Crops and Livestock in Ohio."

**Registration Information:** Meal included in registration for additional cost.

**Location:** Speedway Lanes, 455 N Herman Street, New Bremen, OH 45869

**Cost:** No charge

**Contact:** Ryan McMichael, (419)586-2179, [mcmichael.33@osu.edu](mailto:mcmichael.33@osu.edu)

## Crawford County • Northern Ohio Feedlot School • January 23

6:00 PM-8:30 PM

**Event Type:** In-person

**Description:** Feedlot school with discussion on livestock risk protection, implant technology, and regulations, building design, and ventilation, including BQA certification. Garth Ruff, State Beef Specialist, will discuss topics relating to Beef Production on the feedlot scale.

**Cost:** No charge.

**Location:** Crawford County Fairgrounds, 808 Whetstone Street, Bucyrus, OH 44820

**Registration information:** RSVP is needed by January 16. Light snacks are included in the registration.

**Contact:** Kendra Stahl, (419)562-8731, [stahl.221@osu.edu](mailto:stahl.221@osu.edu)

## Wood County • Northern Ohio Feedlot School • January 30

6:00 PM-8:30 PM

**Event Type:** In-person

**Description:** Feedlot school with discussion on livestock risk protection, implant technology, and regulations, building design, and ventilation, including BQA certification. Garth Ruff, State Beef Specialist, will discuss topics relating to Beef Production on the feedlot scale.

**Cost:** No charge.

**Location:** Wood County Fairgrounds, Jr. Fair Building, 13800 W. Poe Road, Bowling Green, OH 43402

**Registration information:** RSVP is needed by January 23. Light snacks are included in the registration.

**Contact:** Nick Eckel, (419)354-9050, [eckel.21@osu.edu](mailto:eckel.21@osu.edu)



## Statewide • Certified Livestock Manager (CLM) Webinar Series

10:00 AM-11:30 AM

**Event Type:** Virtual

The OSU Extension Water Quality Team is working with the Ohio Department of Agriculture to kick off a bi-monthly, year-round webinar series. These webinars will specifically target topics related to our Certified Livestock Managers, but everyone is welcome. Each webinar will provide 1.5 CLM continuing education credits as well as 1.5 credit hours for CCAs. We hope these webinars will offer useful information and create a space for communication between all parties involved.

**Registration Information:** Please register by midnight on the day before the session.

**Registration link:** Register for one or all webinars at <http://go.osu.edu/CLM>

**Dates:** February 5, April 1, and June 3.

**Location:** Virtual

**Cost:** No charge

**Contact:** Rachel Cochran, (419)399-8225, [cochran.474@osu.edu](mailto:cochran.474@osu.edu)

## Seneca County • Beef Quality Assurance • February 8

6:00 PM-7:30 PM

**Event Type:** In-person

**Description:** Beef Quality Assurance training is for beef cattle producers, who need to recertify or certify to sell cattle at auctions and other markets for the first time. Many of the major beef processors began requiring producers to have a BQA certificate at the beginning of 2019.

**Location:** Attica Fairgrounds, 100 Fairgrounds Road, Attica, OH 44807

**Registration information:** Just show up. No RSVP is needed.

**Cost:** No charge.

**Contact:** Pressley Buurma, (419) 447-9722, [buurma.20@osu.edu](mailto:buurma.20@osu.edu)

## Hardin County • Beef Quality Assurance • February 19

6:30 PM-8:30 PM

**Event Type:** In-person

**Description:** Beef Quality Assurance training is for beef cattle producers, who need to recertify or certify to sell cattle at auctions and other markets for the first time. Many of the major beef processors began requiring producers to have a BQA certificate at the beginning of 2019. This class will provide first-time BQA certification or recertification for beef cattle producers.

**Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

**Registration information:** Seating Limited. Class size is limited to the first 25 registrants. No walk-ins are available. Registration is mandatory for in-person events. Snack included in registration.

**Registration Link:** <https://go.osu.edu/hardinbqa>

**RSVP Deadline:** February 12.

**Cost:** No charge.

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)



## Williams County • Small Ruminant Production • Series

6:00 PM-8:30 PM

**Event Type:** In-person

**Description:** This series provides a walk-through of local small ruminant production facilities in Williams County. Attendees have the opportunity to learn from producers as to “Why?” they function and operate. Attendees can also ask questions of producers as they give a guided tour of their operations. Tours occur during the first three Tuesdays of May. Sign up for one or all dates.

**Dates:** May 7, May 14, May 21.

**Location:** Local area farms. Check out <http://go.osu.edu/williamsagevents> for exact locations.

**Registration information:** There is no cost to register. Registration is required. Registration closes one week before the tour date.

**Registration Link:** <https://go.osu.edu/williamsagevents>

**RSVP Deadline:** One week before the event.

**Cost:** No charge.

**Contact:** Kayla Wyse, (419)636-5806, [wyse.34@osu.edu](mailto:wyse.34@osu.edu)

## Precision Livestock Farming Webinar Series

### New Program – Save the date!

Join OSU’s different livestock teams in a winter webinar series talking about all things livestock. The team has developed topics from the top dogs in Extension working across the US.

- **January 31, 2024** – Utilizing Drones and remote imagery to determine forage quality and quantity in pastures and hay fields; Speaker: Dr. Josh Jackson, University of Kentucky Extension
- **February 7, 2024** – How does precision livestock farming relate to swine health?; Speaker: Dr. Talita Pilar Resende, Ohio State University Extension
- **February 14, 2024** – Sprinkler Effects on Cooling Water Use, Litter Moisture, and Broiler House Environment; Speaker Dr. Tom Tabler; University of Tennessee Extension
- **February 21, 2024** – Benefits of Data collection at lambing using RFID and handheld recorders; Speaker: Dan Persons, Shearwell Data
- **February 28, 2024** – Activity and temperature monitoring systems for dairy calves, heifers, and cows; Speaker: Jason Hartschuh, Ohio State University Extension
- **March 6, 2024** – Activity and temperature monitoring systems for dairy calves, heifers, and cows; Speaker: Jason Hartschuh, Ohio State University Extension



**Registration Link:** <https://go.osu.edu/plf24>

**RSVP Deadline:** One hour before the event.

**Cost:** No charge.

**Contact:** Jason Hartschuh, (419)561-1216, [hartschuh.11@osu.edu](mailto:hartschuh.11@osu.edu)

# Natural Resources and Horticulture

## NW Ohio • Master Gardener Volunteer Hybrid Training Class

### Self Paced Class

**Event Type:** In-person and online combo

**Description:** Combination online and in-person Master Gardener Volunteer training. This training course is for gardeners who wish to become MGVs. Requirements include 50 hours of instruction and 50 hours of volunteer time throughout the first year. Course participants will go through the curriculum at a self-paced rate and then join our group in person for five labs. The bulk of the class is online and self-paced. The goal is to serve potential volunteers in NW Ohio in Williams, Fulton, Paulding, Henry, Putnam, Van Wert, and Defiance Counties. Work at your own pace to learn horticulture knowledge. Then apply that new knowledge as a volunteer in your county assisting with educational garden programs along with other county MGVs.

**Dates:** Registration is open until March 31, 2024.

**Location:** Labs will be hosted in person across the seven counties.

**Cost:** \$225 plus the fee for a background check. Discount available for those becoming active MGVs.

**Registration information:** Register anytime by contacting the person listed in your county.

**Contact:** Kyle Verhoff, (419)782-4771, [verhoff.115@osu.edu](mailto:verhoff.115@osu.edu) (Defiance); Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu) (Paulding); Kendall Lovejoy, (419)337-9210, [lovejoy.59@osu.edu](mailto:lovejoy.59@osu.edu) (Fulton); Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu) (Putnam); Kayla Wyse, (419)636-5806, [wyse.34@osu.edu](mailto:wyse.34@osu.edu) (Williams); Rachel Hoverman, (419)238-1214, [hoverman.22@osu.edu](mailto:hoverman.22@osu.edu); Alan Leininger, (419)592-0806, [leininger.17@osu.edu](mailto:leininger.17@osu.edu) (Henry)

## Statewide • Horticulture Lunch & Learn and Happy Hour Garden Webinar Series

**Event Type:** Online

**Description:** Join us for a series of horticulture, gardening, and natural resources topics in a webinar format. Speakers from across Ohio and the US will join Master Gardener Volunteers on research-based topics. Each date will be a standalone topic, so attendance of all dates is not required.

### Dates & Topics:

- January 4 (4:00 PM – 5:00 PM) What it means to be social in the insect world – Dr. Joe Raczowski, Assistant Professor, Department of Entomology, The Ohio State University;
- February 7 (12:00 PM – 1:00 PM) Native vs Non-Native Landscape Plants – Dr. Dave Shetlar, Department of Entomology, Ohio State;
- February 15 (4:00 PM – 5:00 PM) Plant Propagation Basics – Dr. Wendy Klooster, Horticulture & Crop Sciences, Ohio State;
- February 21 (12:00 PM – 1:00 PM) Boxwood Moth Update: Ohio's Newest Invasive Insect Pest – Maria Gulley, Hamilton County;
- February 29 (4:00 PM – 5:00 PM) Landscape Design: Getting Started – Erika Lyon, Ohio State Extension;
- March 6 (12:00 PM – 1:00 PM) Common & Emerging Soil Contaminants, from Arsenic to PFAS – Maggie Rivera, Jeff Hattey, OSU;
- March 20 (12:00 PM – 1:00 PM) Spotted Lanternfly is on the Move: An Update in Ohio – Amy Stone, OSU;
- March 28 (4:00 PM – 5:00 PM) Songbirds – Marne Titchenell, OSU;
- April 3 (12:00 PM – 1:00 PM) Virtual Spring Wildflower Hike – Carrie Brown, OSU

### Registration information:

<https://mastergardener.osu.edu/HHHLNL23-24>

**Statewide • January Virtual Book Club,  
*The Living Landscape: Designing Beauty  
and Biodiversity in the Home Garden***

**7:00 PM-8:00 PM**

**Event Type:** Webinar

**Description:** The book that we will be reading and discussing is *The Living Landscape: Designing Beauty and Biodiversity in the Home Garden* by Rick Darke and Douglas Tallamy. Many gardeners today want a home landscape that nourishes and fosters wildlife, but they also want beauty, a space for the kids to play, privacy, and maybe even a vegetable patch. Sure, it's a tall order, but *The Living Landscape* shows you how to do it. You'll learn the strategies for making and maintaining a diverse, layered landscape—one that offers beauty on many levels, provides outdoor rooms and turf areas for children and pets, incorporates fragrance and edible plants, and provides cover, shelter, and sustenance for wildlife. Richly illustrated and informed by both a keen eye for design and an understanding of how healthy ecologies work. *The Living Landscape* will enable you to create a garden that fulfills both human needs and the needs of wildlife communities.

**Dates:** January 8, January 15, January 22, and January 29

**Location:** Virtual

**Cost:** No charge.

**Registration information:** Participants will purchase the book that will be discussed. Participants will receive an email message about how the book will be divided for the weekly group discussion. Registration is required by January 2.

**Registration link:**

[https://osu.zoom.us/meeting/register/tJwuc-ypj4uGtGX\\_PTpUyOCaEH\\_k7a4Z2Go](https://osu.zoom.us/meeting/register/tJwuc-ypj4uGtGX_PTpUyOCaEH_k7a4Z2Go)

**Contact:** Amy Stone, (419)574-0986,  
[stone.91@osu.edu](mailto:stone.91@osu.edu)

**Williams County • Garden Roundtable  
Series**

**6:00 PM – 8:00 PM**

**Event Type:** In-person

**Description:** Join us for a Monday monthly informal discussion focused on gardening. This series will be a place for gardeners to network, share ideas, and problem-solve with one another about the benefits and issues of growing a garden. Roundtables will be geared toward growers with gardening experience but are open to anyone from novice to master. Each date will be a standalone topic, so attendance of all dates is not required. Topics will be determined before each month's roundtable to allow for the selection of timely issues. Open to gardeners in Williams County and beyond.

**Dates:** January 22, February 26, March 4, April 29, June 24

**Location:** Williams County Extension Office,  
1425 East High Street, Bryan, OH 43506

**Registration information:**

<https://go.osu.edu/williamsagevents>

**RSVP Deadline:** None

**Cost:** No charge.

**Contact:** Kayla Wyse, (419)636-5806,  
[wyse.34@osu.edu](mailto:wyse.34@osu.edu)



**Statewide • February Virtual Book Club,  
Second Nature - A Gardeners Education  
7:00 PM-8:00 PM**

**Event Type:** Webinar

**Description:** The book that we will be reading and discussing is *Second Nature - A Gardeners Education* by Michael Pollan. Michael Pollan has established himself as one of our most important and beloved writers on modern man's place in the natural world. A new literary classic, *Second Nature* has become a manifesto not just for gardeners but for environmentalists everywhere. "As delicious a meditation on one man's relationships with the Earth as any you are likely to come upon" (The New York Times Book Review), *Second Nature* captures the rhythms of our everyday engagement with the outdoors in all its glory and exasperation. With chapters ranging from a reconsideration of the Great American Lawn, a dispatch from one man's war with a woodchuck to an essay about the sexual politics of roses, Pollan has created a passionate and eloquent argument for reconceiving our relationship with nature.

**Dates:** February 5, February 12, February 19, and February 26

**Location:** Virtual

**Cost:** No charge.

**Registration information:** Participants are required to purchase the book on their own. Registration is required one day before the program.

**Registration link:**

<https://osu.zoom.us/meeting/register/tJ0udO6vrTooGd1FVoaxfhyRsl2dmuBsyMil>

**Contact:** Amy Stone, (419)574-0986, [stone.91@osu.edu](mailto:stone.91@osu.edu)



**Lucas County • Master Gardener  
Volunteer Training Class**

**9:00 AM-4:00 PM**

**Event Type:** In-person

**Description:** Master Gardener Volunteer Training will provide people with an interest in becoming a Master Gardener Volunteer with the opportunity to attend the in-person training. Must attend all sessions in the series.

**Dates:** February 6, February 13, February 20, February 27, March 5, March 12, March 19, March 26, April 2

**Location:** OSU at Toledo Botanical Garden, 5403 Elmer Drive, Toledo, Ohio 43615

**Cost:** \$230

**Registration information:** Registration is required by January 15.

**Registration link:**

<https://lucas.osu.edu/program-areas/master-gardener-volunteers>

**Contact:** Amy Stone, (419)574-0986, [stone.91@osu.edu](mailto:stone.91@osu.edu)







**Hardin County • Master Gardener**  
**Volunteer Hybrid Training Class**  
**9:00 AM-12:00 PM**

**Event Type:** In-person and virtual

**Description:** Combination online and in-person Master Gardener Volunteer training. This training course is for gardeners who wish to become MGVs. Requirements include 50 hours of instruction and 50 hours of volunteer time throughout the first year. Course participants will be paired up with a current MGV who will assist them with their training to make sure they are successful in becoming a MGV. Much of the volunteer time can be obtained learning with current MGVs in the Friendship Gardens of Hardin County which is located in Kenton. Work at your own pace to learn horticulture knowledge. Apply that new knowledge as a volunteer in your county assisting with educational garden programs along with other Hardin County MGVs.

**Dates:** February 12, with an additional six (6) in-person dates will be decided by course enrollees. Course times may be in the morning, afternoon, or evening. Other coursework will be completed online using a self-paced curriculum.

**Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326

**Cost:** \$150 plus the fee of a background check.

**Registration information:** Registration is required by January 29. Light snacks are included in the registration.

**Registration link:**

<https://go.osu.edu/hardinagmr>

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

**Putnam County • Master Gardener**  
**Training Class**  
**9:00 AM-4:00 PM**

**Event Type:** In-person

**Description:** In-person new Master Gardener Volunteer training will take place on Mondays from 03/04 through 04/29. Classes are from 9 am to 12 pm and 1 pm to 4 pm each Monday. On-line training at your own pace is also available by contacting the Extension office.

**Dates:** March 4, March 11, March 18, March 25, April 1, April 8, April 15, April 22, April 29.

**Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

**Cost:** \$150 plus the fee of a background check.

**Registration information:** Registration is required by February 23.

**Registration link:** <http://putnam.osu.edu>

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)



**Statewide • March Virtual Book Club,**  
***What a Plant Knows: A Field Guide to the Senses***

**7:00 PM-8:00 PM**

**Event Type:** Webinar

**Description:** The book that we will be reading and discussing is *What a Plant Knows: A Field Guide to the Senses* by Daniel Chamovitz. How does a Venus flytrap know when to snap shut? Can it feel an insect's tiny, spindly legs? And how do cherry blossoms know when to bloom? Can they remember the weather?

For centuries we have marveled at plant diversity and form—from Charles Darwin's early fascination with stems to Seymour Krelborn's distorted doting in *Little Shop of Horrors*. But now, in *What a Plant Knows*, the renowned biologist Daniel Chamovitz presents an intriguing and scrupulous look at how plants themselves experience the world—from the colors they see to the schedules they keep. Highlighting the latest research in genetics and more, he takes us into the inner lives of plants and draws parallels with the human senses to reveal that we have much more in common with sunflowers and oak trees than we may realize. Chamovitz shows how plants know up from down, how they know when a neighbor has been infested by a group of hungry beetles, and whether they appreciate the Led Zeppelin you've been playing for them or if they're more partial to the melodic riffs of Bach. Covering touch, sound, smell, sight, and even memory, Chamovitz encourages us to consider whether plants might even be aware.

A rare inside look at what life is really like for the grass we walk on, the flowers we sniff, and the trees we climb, *What a Plant Knows* offers us a greater understanding of botany and science and our place in nature.

**Dates:** March 4, March 11, March 18, and March 25

**Location:** Virtual

**Cost:** No charge.

**Registration information:** Participants will purchase the book that will be discussed.

Participants will receive an email message about how the book will be divided for the weekly group discussion. Registration is required by March 1.

**Registration link:**

<https://osu.zoom.us/meeting/register/tJ0pcumsgTwtGNFQM15O9OZfbSWm3NYCtzR->

**Contact:** Amy Stone, (419)574-0986, [stone.91@osu.edu](mailto:stone.91@osu.edu)

**Statewide • Ohio Woodland, Water, & Wildlife Conference • March 6**

**8:30 AM - 3:30 PM**

**Class Type:** In-person

**Description:** Join OSU Extension for their annual Ohio Woodland Water and Wildlife Conference offering a wide variety of topics for our natural resource professionals. This annual conference is geared toward natural resource professionals and will offer continuing education credits for ISA, SAF, and pesticides where applicable.

**Location:** Mid-Ohio Conference Center, 890 West Fourth Street, Mansfield, OH 44906

**Cost:** TBD

**Registration information:** Registration includes continental breakfast, lunch, and conference materials.

**Registration link:**

<https://woodlandstewards.osu.edu/events/2024-ohio-woodland-water-and-wildlife-conference>

**Contact:** Woodland Stewards, (614)688-3421, [ohiowoods@osu.edu](mailto:ohiowoods@osu.edu)



## Hardin County • Spring Garden Seminar • Putnam County • Walkabout Wednesday Series

March 7

9:00 AM - 4:00 PM

**Class Type:** In-person

**Description:** Presented by the Hardin County OSU Extension Master Gardener Volunteers, this annual Spring Garden Seminar will include four expert speakers presenting on timely horticulture topics. Check the website for updated topic and speaker information. Door prizes will be presented to lucky participants. Snacks, drinks, and lunch are part of the registration cost.

**Location:** Mid-Ohio Energy Cooperative, 1210 Lima Street, Kenton, OH 43326

**Cost:** \$50 (\$40 Master Gardener Volunteers)

**Registration information:** RSVP is mandatory with the deadline, of February 22 and includes continental breakfast, lunch, and door prizes. Registration will be out in early January. For more information contact Kim Thomas at (419) 674-8012.

**Registration link:**

<https://go.osu.edu/hardinagr>

**Contact:** Mark Badertscher, (419)767-6037, [badertscher.4@osu.edu](mailto:badertscher.4@osu.edu)

## Allen County • Master Gardener Volunteers 23rd Annual Art of Gardening Seminar • March 16

8:00 AM-3:30 PM

**Class Type:** In-person

**Description:** A day of topics covering a wide variety of current topics related to flower, vegetable, and fruit gardening and more.

**Location:** Ohio State Lima, Life Sciences Building, 4240 Campus Drive, Lima, OH 45804

**Cost:** \$50.

**Registration information:** Lunch will be provided as well as take-home materials. Full details at <https://u.osu.edu/allenagr/upcoming-programs/>.

**Link to registration:**

<https://u.osu.edu/allenagr/upcoming-programs/>

**Contact:** Nic Baumer, (419)879-9108, [baumer.15@osu.edu](mailto:baumer.15@osu.edu)

12:00 PM – 1:00 PM

**Event Type:** In-person

**Description:** Join OSU Extension and Master Gardeners for a walk about local areas observing plants, insects, and other fascinating finds. Walkabouts will occur on the first and third Wednesdays in May, June, July, August, and September from 12-1 pm and 7-8 pm. The event will occur rain or shine.

**Dates:** May 1, May 15, June 5, June 19, July 3, July 17, August 1, August 21, September 4, September 18

**Location:** TBD. Local parks and public areas.

**Registration information:**

<http://putnam.osu.edu>

**RSVP Deadline:** None

**Cost:** No charge.

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)

## Paulding County • Plant Sale • May 18

8:00 AM-12:00 PM

**Class Type:** In-person

**Description:** Join the Paulding County Master Gardener Volunteers at their 22<sup>nd</sup> annual plant sale. For sale: annuals, perennials, vegetables, houseplants, ornamentals, flowers, herbs, and shrubs grown locally by our volunteers.

**Location:** Paulding County Fairgrounds, Block Building, 503 Fairground Drive, Paulding, OH 45879

**Cost:** Plant cost will vary by type.

**Link to information:**

<https://u.osu.edu/pauldingag/events/>

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu)



## Allen County • Plant Sale • May 18

9:00 AM-2:00 PM

**Class Type:** In-person

**Description:** Come support the Children's Garden at the Allen County Master Gardener Volunteers Annual Plant Sale.

**Location:** Children's Garden, 620 West Market Street, Lima, Ohio 45801

**Cost:** Plant cost will vary by type.

**Link to information:**

<https://u.osu.edu/allenanr/upcoming-programs/>

**Contact:** Nic Baumer, (419)879-9108,  
[baumer.15@osu.edu](mailto:baumer.15@osu.edu)

## Allen County • Brown Bag Lunch Series

12:00 PM-12:45 PM

**Event Type:** In-person

**Description:** The Allen County Master Gardener Volunteers Brown Bag Lunch Series is a free event that takes place every Tuesday from June to August at the Children's Garden in downtown Lima. Topics range widely across the gardening world. Program information can be found at

<https://www.facebook.com/allencochildrensgarden/>.

**Dates:** June 4, June 11, June 18, June 25, July 2, July 9, July 16, July 23, July 30, August 6, August 13, August 20, August 27

**Location:** Children's Garden, 620 West Market Street, Lima, OH 45801

**Cost:** No charge.

**Registration information:** No registration required.

**Contact:** Nic Baumer, (419)879-9108,  
[baumer.15@osu.edu](mailto:baumer.15@osu.edu)



# Miscellaneous Ag Events

**Statewide • Certified Crop Adviser (CCA) Professional Development • Open until March 31, 2024**

**Self Paced**

**Event Type:** Webinar

**Description:** The Ohio State University Extension Agronomic Crops team has developed an online, self-paced course for Certified Crop Advisers to obtain CEU credits. The course is a series of eight videos, each with a short quiz. You can earn up to four (4) CEU credits if you complete all eight modules and quizzes with a passing score.

**Cost:** \$45

**Registration information:** The course is open from October 1, 2023 to March 31, 2024.

**Registration Link:** <http://go.osu.edu/ccapd>

**Location:** Online

**Contact:** Nic Baumer, (419)879-9108, [baumer.15@osu.edu](mailto:baumer.15@osu.edu)

**Fulton County • First Friday Breakfast Series •**

**8:00 AM-9:00 AM**

**Event Type:** In-person

**Description:** Join us for a time of networking and fellowship with the local ag community. Each month we will have a different topic or speaker to discuss. We meet the first Friday of each month in the back room of the Blue Ribbon Diner, starting at 8 am. Watch our Facebook page for meeting topics and updates.

<http://go.osu.edu/fultonfacebook>

**Dates:** January 5, February 2, March 1, April 5

**Cost:** No charge but breakfast is "on your own". Approximately \$10.

**Registration information:** No RSVP is required.

**Location:** Blue Ribbon Diner, 8198 OH-108, Wauseon, OH 43567

**Contact:** Kendall Lovejoy, (419)337-9210, [lovejoy.59@osu.edu](mailto:lovejoy.59@osu.edu)

**Putnam County • Farm Forum •**

**8:00 AM-9:30 AM**

**Event Type:** In-person

**Description:** Join us on the first Friday of each month from January through April for a topic from invited speakers along with coffee and a light breakfast.

**Dates:** January 5, February 2, March 1, April 5

**Cost:** No charge.

**Registration information:** <http://putnam.osu.edu>

**Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875

**Contact:** Beth Scheckelhoff, (419)523-6294, [scheckelhoff.11@osu.edu](mailto:scheckelhoff.11@osu.edu)



## Defiance County • Agriculture Appreciation and Hall of Fame Breakfast • March 19

8:00 AM-10:00 AM

**Event Type:** In-person

**Description:** A breakfast and program open to the public. The 2024 Defiance County Ag Hall of Fame honorees will be inducted. Nominations for the Ag Hall of Fame are due by February 1st, 2024. Guest speaker is Dr. John Fulton to discuss technology and digital agriculture.

**Cost:** \$5

**Registration information:** The RSVP deadline is March 8. Meal included in registration.

**Registration Link:** <http://defiance.osu.edu>

**Location:** Defiance Knights of Columbus, 111 Elliot Road, Defiance, OH 43512

**Contact:** Kyle Verhoff, (419)782-4771, [verhoff.115@osu.edu](mailto:verhoff.115@osu.edu)

## Statewide • Overholt Drainage School • March 11 - March 14

7:00 AM-5:00 PM

**Event Type:** In-person

**Description:** The 2024 Overholt Drainage School will be held at The Ohio State University in Columbus, Ohio from March 11 – 14, 2024. Topics will include drainage law and economics; drainage design, planning, and installation; safety; and conservation drainage. Participants will engage in a combination of lectures, hands-on activities, practical exercises, and panel discussions. The program is open to anyone interested in subsurface drainage design and installation.

**Cost:** Full program \$600

**Registration information:** The RSVP deadline is February 28. Meal included in registration. For registration questions contact Elizabeth Schwab at [schwab.175@osu.edu](mailto:schwab.175@osu.edu)

**Registration Link:** <http://go.osu.edu/ods24>

**Location:** Ohio State University, Controlled Environment Agriculture Research Complex (CEARC), Waterman Ag. & Natural Resources Lab, 2510 Carmack Road, Columbus, OH 43210

**Contact:** Vinayak Shedekar, (614)247-9965, [shedekar.1@osu.edu](mailto:shedekar.1@osu.edu)

## Statewide • 2024 Conservation Drainage Network Annual Meeting • April 3 – April 5

9:00 AM-5:00 PM

**Event Type:** In-person and online

**Description:** The 2024 Conservation Drainage Network Annual Meeting will be held at the Renaissance Columbus Westerville-Polaris Hotel in Westerville, Ohio on April 3 – 5, 2024. The meeting will focus on substantially advancing the implementation of conservation drainage practices. Topics will include partnerships for conservation drainage adoption, stories of successful implementation of drainage projects, and opportunities to learn about conservation drainage implementation and research across the country. The program will follow a conference-style format on April 3 and 4, with an optional field tour to sites across Ohio on April 5. The event is open to anyone with an interest in agricultural water management. In-person and online options are available.

**Cost:** In-person: Early bird: \$225; regular registration: \$300. Additional discounts may apply. Online: Early bird: \$125; regular registration: \$175. Field trip: \$75

**Registration information:** The RSVP deadline is February 25. Meal included in registration. For registration questions contact Elizabeth Schwab at [schwab.175@osu.edu](mailto:schwab.175@osu.edu)

**Registration Link:** For more information, visit <https://conservationdrainage.net/meetings-and-events/2024-conservation-drainage-network/>

**Location:** Renaissance Columbus-Polaris Hotel, 409 Altair Pkwy, Westerville, OH 43082

**Contact:** Vinayak Shedekar, (614)247-9965, [shedekar.1@osu.edu](mailto:shedekar.1@osu.edu)





## Paulding County • Agroforestry Outdoor Mushroom Inoculation • May 9

1:00 PM - 4:00 PM

**Event Type:** In-person

**Description:** Have you ever considered growing mushrooms? Participants will be introduced to outdoor mushroom inoculation and production. This is a hands-on workshop. Come and learn about what is needed to raise mushrooms on your small farm. Join Central State Extension Educator, Michelle Wallace for an Agroforestry Outdoor Mushroom inoculation workshop. Participants must be 18 years old. All supplies are provided for the workshop. Register online or by phone via the Paulding County Office.

**Cost:** No cost

**Registration information:** RSVP due by May 2, 2024. The class is limited to 15 participants. Register online or by phone.

**Registration Link:** <https://u.osu.edu/pauldingag/events/>

**Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

**Contact:** Sarah Noggle, (419)399-8225, [noggle.17@osu.edu](mailto:noggle.17@osu.edu) or Michelle Wallace, [mwallace@centralstate.edu](mailto:mwallace@centralstate.edu)

## Farm Science Review – Save the Date!

September 17-19, 2024

The Molly Caren Agricultural Center (MCAC) near London, Ohio, is home to the Farm Science Review. It attracts upwards of 140,000 visitors from all over the United States and Canada. They come for three days to peruse 4,000 product lines from 600 commercial exhibitors and learn the latest in agricultural production. The educational programs feature Ohio State and Purdue specialists and are second to none in the agricultural exhibition world.



# Helpful Resources

## OSU Extension Farm Management

<http://farmoffice.osu.edu/>

The Farm Office is your farm's agricultural law and farm management resource center. Our team of experts represents OSU Extension programs in Agricultural and Resource Law, Dairy Production Economics, Farm Business Analysis and Benchmarking, Farm Risk Management, Ohio Ag Manager, Production Business Management, and Tax. We've collaborated to form the Farm Office, a one-stop shop for research and outreach on the legal and economic challenges of agricultural production.

## eFields

<https://digitalag.osu.edu/efields>

eFields represents an Ohio State University program that decided to advance production agriculture through the use of field-scale research. This program utilizes modern technologies and information to conduct on-farm studies with an educational and demonstration component used to help farmers and their advisors understand how new practices and techniques can improve farm efficiency and profitability. The program is also dedicated to delivering timely relevant, data-driven, actionable information. Current projects are focused on precision nutrient management strategies and technologies to improve fertilizer placement efficiency, enable on-farm evaluation, automate machine functionality, enhance the placement of pesticides and seeds, and develop analytic tools for digital agriculture.

## The Crop Observation and Recommendation Network (CORN) Newsletter

<http://corn.osu.edu>

CORN Newsletter summarizes crop observations, related information, and appropriate recommendations for Ohio crop producers and industry. The Ohio State University Agronomy Team produces the CORN Newsletter, along with state specialists at The Ohio State University and the Ohio Agricultural Research and Development Center (OARDC). The team dedicates their time to providing accurate and timely information, providing educational opportunities, and conducting research projects addressing Ohio's agronomic crop industry's needs.

## Buckeye Yard & Garden Online (BYGL)

<http://bygl.osu.edu>

Buckeye Yard and Garden Online (BYGL) provide timely information about Ohio growing conditions, pest, disease, and cultural problems. Created by the Extension, Nursery, Landscape, and Turf (ENLT) team, the group's key role is to develop articles and supporting photos. This website benefits commercial nursery, garden center, landscape business managers, or consumer who wants to keep their yard or garden looking good all summer. Additional factsheet information may be found through the OSU Factsheets database: [plantfacts.osu.edu](http://plantfacts.osu.edu).

## Ohioline

<http://ohioline.osu.edu/>

Ohioline is an information resource produced by Ohio State University Extension. Through Ohioline, you have access to hundreds of OSU Extension fact sheets covering a wide array of subjects such as agriculture and natural resources, family and consumer sciences, community development, and 4-H youth development. The fact sheets on Ohioline provide cutting-edge, scientifically based information generated via research conducted by Extension and other faculty and staff at the Ohio State main campus and the Ohio Agricultural Research and Development Center (OARDC), often in collaboration with other land-grant university colleagues.

## OSU Nutrient Education and Management

<http://nutrienteducation.osu.edu>

Learn all about the requirements and record-keeping for Ohio's Fertilizer Certification. The website includes area certification and recertification opportunities.

## Pesticide Education

<http://pested.osu.edu>

The Pesticide Education Safety Team (PEST) is the website housing all information about commercial and private pesticide applicator education in Ohio. The team's goal is to protect human health and the environment by providing education programs on the safe and effective use of pesticides.



## OSU Agronomic Crops Team

<http://agcrops.osu.edu/>

The Agronomic Crops Team is a multi-disciplinary group of Extension Agents, State Specialists, and Researchers from Ohio State University Extension, The Ohio State University, and the Ohio Agricultural Research and Development Center. Disciplines included on the Team: Soil Sciences, Agronomy, Plant Pathology, Entomology, Agricultural Engineering, and Weed Science. The team's mission is to provide accurate and timely information, provide educational opportunities, and conduct research projects addressing Ohio's agronomic crop industry's needs.

## Knowledge Exchange at Ohio State

<http://kx.osu.edu>

The Knowledge Exchange (KX) brings together researchers, Extension professionals, decision-makers, and communicators to share, explore, and engage with the world-class research from the College of Food, Agricultural, and Environmental Sciences at The Ohio State University. The KX offers various content designed for multiple audiences and platforms, including stories, videos, questions, image collections, files, and links.

## OSU Beef Team

<https://u.osu.edu/beefteam/>

Welcome to the Ohio Beef Center. This site serves as a portal to the most relevant beef cattle information available to Ohio cattlemen. We are committed to providing information and educational materials that will aid in making the management decisions that will maintain an efficient and profitable beef enterprise.

## OSU Sheep Team

<https://u.osu.edu/sheep/>

The OSU Extension Sheep Team is here to support Ohio sheep producers by providing educational information, sheep research conducted at Ohio State, resources, and contact information for leaders in Ohio's sheep industry.

## OSU Swine Team

<https://porkinfo.osu.edu/>

The OSU Extension Swine Team is here to support Ohio swine producers by providing educational information, swine research conducted at Ohio State, resources, and contact information for leaders in Ohio's swine industry.

## OSU Poultry Team

<https://u.osu.edu/poultry/>

The OSU Extension Poultry Team site is developed as an outlet for Poultry knowledge by Ohio State Extension Veterinarians and Educators to serve the Veterinary, Extension, backyard enthusiast, and small farm poultry farmers.

## OSU Extension Bed Bug Resources

<https://u.osu.edu/bedbugs/>

This website is an outreach effort that seeks to increase public awareness of bed bugs and effective strategies for managing them. Funding for the website was provided by a grant from The Ohio State University Extension Integrated Pest Management Program.

## Soil Health

<http://soilhealth.osu.edu>

The OSU Extension Soil Health website is dedicated to education based on Soil Health assessment, Soil Health Management, Soil Health resources, and On-Farm research. The program's long-term goal is to improve Ohio's soil health and the environment by educating farmers, youth, and the general public.

## Weed Science/Management Information from Ohio State

<http://u.osu.edu/osuweeds/>

OSU's Weed Management team shares information about weeds and herbicides for the agricultural community. Dr. Mark Loux's blog enables producers to get help with field crop weeds questions, identify weeds, and get the latest information on herbicides' critical questions.



## Ohio State FARM – Field Application Resource Monitor

<http://farm.bpcrc.osu.edu>

FARM is a real-time and historical climate information tool for fertilizer and manure application. Water quality is important to all Ohioans, and we all impact our watersheds. In recent years, Ohio farmers have taken significant positive steps toward limiting the negative impacts on water quality that come from the loss of sediment and nutrients. FARM allows users to define their locations of interest and receive 12- and 24-hour precipitation forecasts to apply fertilizer, manure, and pesticides. FARM also utilizes a database of historical forecasts allowing users to search previous dates. Users can choose to create an account to track multiple fields, explore statewide conditions in quick-view, and sign up to receive email alerts.

## OSU Agricultural Law Blog

<https://farmoffice.osu.edu/blog>

View the Ohio Agricultural Law Blog for the latest on agricultural and resource law issues.

## AgBMPs

<http://agbmpps.osu.edu>

Private and public dollars available to address erosion and nutrient loss concerns from agricultural production fields are limited. As a cost-effective way to reach conservation goals, reduce erosion or nutrient losses by identifying field situations with potentially higher risk or critical concerns by matching potential Best Management Practices (BMPs) for implementation with the field situation and management used. For professionals from Soil and Water Conservation Districts (SWCDs), State Agencies, and the Natural Resources Conservation Service (NRCS), current resources are limited to cover the landscape identifying critical concerns for farmers/landowners. This website intends to empower farmers/landowners with the knowledge necessary to identify high-risk situations in their farm fields and know when to seek professional help for implementing cost-effective conservation.

## OSU Ag Law Library

<https://farmoffice.osu.edu/law-library>

Explore the OSU Extension Ag Law Library sharing resources on Agritourism, Livestock/Animals, Business, Energy, Environmental, Estate Planning, Farm Finance, Farm Leasing, Food, Land Liability, Line Fences, Nuisance, Preservation, Property, Roadways, Taxes, Transition Planning, Water and Zoning information.

## Ohio State Extension New & Small Farms

<https://u.osu.edu/gofarmohio/>

The Mission of OSU Extension Small Farm Programs: To provide a greater understanding of production practices, economics of land use choices, assessment of personal and natural resources, marketing alternatives, and the identification of sources of assistance for new and small farms in Ohio. Small Farm Program Objectives: To improve the economic development of small farms in Ohio. To help small farm landowners and families diversify their opportunities into successful new enterprises and new markets. To improve agricultural literacy among small farm landowners not actively involved in agricultural production.

## On-Field Ohio

<https://nutrientmanagement.osu.edu/field-ohio-tool>

On-Field Ohio provides farmers with a tool to manage field-scale phosphorus runoff loss to maintain agricultural production and protect water quality. On-Field Ohio is an online interactive program that offers long-term average estimates for erosion and phosphorus runoff. Users can evaluate voluntary changes in how management practices contribute to achieving target P runoff reduction goals.

## Fruit, Vegetable, & Speciality Crop Team

<https://u.osu.edu/vegnetnews/>

The OSU Extension specialty crops are defined in law as “fruits and vegetables, tree nuts, dried fruits and horticulture and nursery crops, including floriculture.” This definition, although more exact than previous legal definitions, leaves a certain amount of latitude in interpretation. Fruits, vegetables, tree nuts, nursery crops, and floricultural crops are all considered to be horticultural crops. Regardless, the specific mention of these crop groups means that plants so classified automatically qualify as specialty crops. Where interpretation is needed is in which plants, not specifically mentioned in legislation, can be classified as horticulture crops.

## OSU Bite Site

<https://kx.osu.edu/bite>

The Ohio State guide to ticks, mosquitoes, and other biting pests.



### OSU Extension Water Quality Team

<https://waterqualityextension.osu.edu/>

The goal of the OSU Extension Water Quality website is to provide a platform for engaging with producers, stakeholders, and the public in the realm of water quality. The website outlines projects the team is currently working on in the Western Lake Erie Basin as well as our upcoming events. Our team of Extension Water Quality Associates welcomes your questions and collaboration on future projects.

### OSU Master Gardener Volunteers (MGVs)

<https://mastergardener.osu.edu/>

The Ohio State University Extension Master Gardener Volunteer (MGV) program provides intensive training in horticulture to interested Ohio residents who then volunteer their time assisting with educational programs and activities for Ohio residents through their local OSU Extension county office. Volunteers are not required to have gardening skills or knowledge; a passion for learning about gardening and sharing this knowledge with others is a must! Working with county Extension personnel, Master Gardener Volunteers provide educational services to their communities such as: answering gardening questions from the public; conducting plant clinics; gardening activities with children, senior citizens, or disabled persons; beautifying the community; developing community or demonstration gardens; and other horticultural activities.

### Ohio State Extension 4-H Program

<https://ohio4h.org/>

4-H is a community of young people across America who are learning leadership, citizenship, and life skills as they work in partnership with caring adults. What does that mean? In 4-H we are committed to helping young people develop skills that will help them succeed. We want to empower all youth to reach their full potential.

### Ohio State Extension Family & Consumer Sciences

<https://fcs.osu.edu/>

Ohio State University Extension's Family and Consumer Sciences (FCS) serves thousands of people throughout Ohio every year. Our team of FCS professionals delivers the highest quality, research-based educational programs focused on building Healthy People, Healthy Finances, and Healthy Relationships. We help people keep healthy through good nutrition and food safety, use their money wisely, and balance the demands of life and work.

### Ohio State Extension Community Development

<https://comdev.osu.edu/>

OSU Extension Community Development professionals co-create solutions with communities and neighborhoods by educating and engaging:

- Businesses, organizations, associations, and committees
- Current and emerging community leaders
- Elected and appointed officials

Through these partnerships, we apply cutting-edge, science-based knowledge and innovations to improve and enhance local businesses and communities. The national Extension network enables us to share perspectives with residents and leaders regarding local development issues, increase the knowledge base for individual and community decisions, develop skills necessary to help these partners achieve their individual and community goals and help create a more inclusive decision-making environment.





# Ohio Farm Resolution Services

Cultivating solutions for farms and farm families

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.

Our new program aims to help. The goal of Ohio Farm Resolution Services at The Ohio State University (OFRS) is to cultivate solutions to the conflicts that impact Ohio's farms and farm families. Established in October of 2023 with funding from the USDA Farm Service Agency's Certified Mediation Program, OFRS will serve Ohio agriculture with a three-pronged approach to helping resolve farm conflicts that will provide:

- Educational resources on Ohio farm conflict issues.
- Conflict resolution and consultation services by OSU Extension legal and farm management specialists.
- Formal mediation services by trained mediators (available in January 2024).

What issues will we cover? The types of issues OFRS will address include:

- Agricultural loans
- Compliance with farm programs and conservation programs
- Farmland and equipment lease issues
- Family farm transition
- Farmer-neighbor disputes

**We've just begun to organize OFRS and will soon provide additional information on the program, but if you have a farm conflict issue we can help you with now, please e-mail program director Robert Moore at [moore.301@osu.edu](mailto:moore.301@osu.edu).**

**To learn more about the Farm Service Agency's Certified Mediation Program, visit <http://fsa.usda.gov/programs-and-services/certified-mediation-program>.**



## Certified Mediation Program



# Rural and Farm Stress

## Creating Resilient Farms & Families in Ohio

Farm families are the backbone of America, providing important commodities like food, grains, and livestock. They are a significant component of our national economy. Having healthy farms and healthy farm families promotes environmental stewardship, cultural legacies, and rural community growth.

Taking care of crops and animals is hard on farmers and agribusiness professionals. Caring for your health and wellness in this high-stress profession is often overlooked but is just as critical as caring for your farm business.

Farming is one of the most physically dangerous occupations and many are injured or die while on the job. Farming is also mentally and emotionally challenging where economic, social, and environmental forces confront farm families and rural communities. Add in the implications of COVID-19 and many individuals may feel overwhelmed with the effects of stress, depression, anxiety, and other mental health conditions.

In response to a growing concern about the lack of resources and support for farmers, farmworkers, and families, Ohio State University Extension has been working to build partnerships to stimulate innovation and action in the state. Finances, legal issues, and physical and mental well-being are all at the forefront of agricultural concerns. These stressors can lead to mental and emotional distress, substance abuse, anxiety, depression, and even suicide.

Because of the critical role of farmers in our state and across the nation, Ohio State University Extension has prepared this selection of assets to help farm families navigate the numerous resources available online and provide timely, science-based education and information to support prosperous farms and healthy farm families. Our partnership extends to the Ohio Department of Agriculture, the commodity and livestock groups in Ohio, as well as support from the Ohio Farm Bureau and Ohio Farmers Union. Please check out our website at <http://u.osu.edu/farmstress>

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## A healthy farm is nothing without a healthy you.

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### 988 Suicide & Crisis Lifeline

- **Call or text 988 to connect with a trained licensed professional counselor within minutes.**
- **Free, confidential, anonymous, and secure 24/7.**
- **Features active rescue where trained counselors connect with emergency services to save texters from immediate self-harm.**

The 988 Suicide & Crisis Lifeline (formerly known as the National Suicide Prevention Lifeline) offers 24/7 call, text, and chat access to trained crisis counselors who can help people experiencing suicidal, substance use, and/or mental health crises, or any other kind of emotional distress. People can also dial 988 if they are worried about a loved one who may need crisis support.

### Ohio Mental Health Resource Guides by County

To access the website, visit <https://u.osu.edu/cphp/ohio-mental-health-resource-guides>

This resource has mental health and substance use disorder resources available by county in Ohio. This work is supported by the USDA FRSSAN grant in cooperation with the Ohio Department of Agriculture and OSU Extension.



# Sustainable Agriculture Research & Education (SARE) Program

State Co-Coordinator – Sarah Noggle, Michael Hogan – Ohio State University  
Michelle Wallace – Central State University

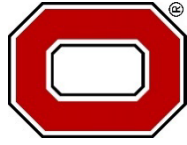
The Sustainable Agriculture Research and Education (SARE) program is a decentralized competitive grants and education program operating in every state and island protectorate. SARE is divided into four different regions that operate as separate entities and run grant programs for their states.



Ohio is part of the NCR-SARE and offers competitive grants and educational opportunities for producers, scientists, educators, institutions, organizations, and others exploring sustainable agriculture in America's Midwest. **Check out the link to grants, resources, education, and more at <https://northcentral.sare.org/>**

## Index

Allen County .....	pg. 7, 16, 20, 36, 37	Paulding County .....	pg. 7, 12, 14, 15, 17, 19, 20, 31, 36, 40
Auglaize County .....	pg. 23	Putnam County.....	pg. 7, 8, 12, 13, 14, 15, 18, 24, 26, 31, 36, 38
Crawford County.....	pg. 28	Sandusky County .....	pg. 19
Defiance County .....	pg. 7, 9, 14, 15, 24, 31, 39	Seneca County .....	pg. 29
Erie County .....	pg. 8	Van Wert County .....	pg. 31
Fulton County.....	pg. 9, 14, 15, 18, 31, 38	Williams County .....	pg. 8, 30, 31, 32
Hardin County.....	pg. 8, 9, 12, 14, 15, 16, 18, 21, 22, 29, 34, 36	Wood County.....	pg. 28
Henry County.....	pg. 9, 20, 31	Statewide / Regional Programs .....	pg. 11, 17, 19, 21, 22, 23, 25, 26, 29, 31, 32, 33, 35, 38, 39
Lucas County ...	pg. 27, 32, 33, 35		
Mercer County.....	pg. 28		



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