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 as they could change rapidly in 2021. To ensure an event is correct, please call or email the county or person where the program is being coordinated.

**Allen County**
http://allen.osu.edu
Clint Schroeder ..............(419) 879-9108
schoeroder.307@osu.edu

**Defiance County**
http://defiance.osu.edu
Bruce Clevenger ..........(419) 782-4771
clevenger.10@osu.edu

**Fulton County**
http://fulton.osu.edu
Eric Richer .................(419) 337-9210
richer.5@osu.edu

**Hancock County**
http://hancock.osu.edu
Ed Lentz ...................(419) 422-3851
lentz.38@osu.edu

**Hardin County**
http://hardin.osu.edu
Mark Badertscher ..........(419) 674-2297
badertscher.4@osu.edu

**Henry County**
http://henry.osu.edu
Alan Leininger ............(419) 592-0806
leininger.17@osu.edu

**Lucas County**
http://lucas.osu.edu
Amy Stone .................(419) 578-6783
stone.91@osu.edu

**Paulding County**
http://paulding.osu.edu
Sarah Noggle ..........(419) 399-8225
noggle.17@osu.edu

**Putnam County**
http://putnam.osu.edu
Beth Scheckelhoff ......(419) 523-6294
scheckelhoff.11@osu.edu

**Van Wert County**
http://vanwert.osu.edu
Curtis Young ..........(419) 238-1214
young.2@osu.edu

**Williams County**
http://williams.osu.edu
Stephanie Karhoff ......(419) 636-5608
karhoff.41@osu.edu

**Wood County**
http://wood.osu.edu
Nick Eckel .................(419) 354-9050
eckel.21@osu.edu

**Water Quality Team**

Fulton, Williams, & Lucas County
Jordan Beck .................(419)337-9210
beck.320@osu.edu

Paulding, Defiance & Van Wert County
Rachel Cochran ..........(419)399-8225
cochran.474@osu.edu

Sandusky, Seneca, Erie, Wyandot & Crawford County
Matthew Romanko .......(567)342-7095
romanko.7@osu.edu

Henry, Wood & Ottawa County
Open Position

Putnam, Hancock & Hardin County
Boden Fisher .......(419)523-6294
fisher.1466@osu.edu

Auglaize, Mercer & Allen County
Brigitte Moneymaker ....(419) 910-6057
moneymaker.4@osu.edu

**COVID STATEMENT**

Due to COVID-19, essential safety precautions are being taken for the health and well-being of all participants of in-person OSU Extension events in 2021. Seating is currently limited to 50 or fewer participants for most programs. Preregistration for all events is required to meet seating limitations and to send event reminders and/or cancellation notices as needed.

Programs offering refreshments or meals will have boxed and packaged food for your safety and convenience. Please contact your local county office with additional questions.

**TABLE OF CONTENTS**

- Pesticide Applicator Re-certification/ Fertilizer Re-certification .......... 4-11
- Pesticide Applicator Testing .......... 12-13
- New Pesticide Applicator Training .......... 14
- New Fertilizer Certification .......... 15
- Agronomy .......... 16-20
- Statewide/Regional Virtual Programming .......... 21
- Farm Business Management .......... 22-23
- Livestock Production .......... 24-25
- Natural Resources, Horticulture, Master Gardener .......... 26-30
- Misc. Ag. Events .......... 31-33
- Helpful Resources .......... 34-38
- Index .......... 39

The NW Ohio Agriculture newsletter is mailed 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. 2020 was a trying year, and we are hoping 2021 is better to fit 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.
Ohio Private Pesticide Applicator's Recertification/License Categories

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

CORE - As part of their training for using pesticides legally and safely, every licensed pesticide applicator must have CORE.

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 for future fruit production; tree crops produced for use as Christmas trees or for 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 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 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 + 1/2 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 July 1, 2021.

COST: Fertilizer re-certification education training $10. Pesticide re-certification education $35. Combo re-certification training $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.

Due to COVID-19, the 2021 Pesticide and Fertilizer re-certification will have five options. All options have limitations and could change at any time. Please check with the contact on the event to ensure accuracy.

Options:

1. Attend a live “in-person” county meeting. With this option, applicators will be working with a county Extension Educator to receive your educational credits in person. Please note pre-registration for this option is MANDATORY. No walk-ins will be accepted. Seating at this type of re-certification is very limited with a maximum room occupancy.

2. Virtual county educator-hosted webinar. With this option, your local county Extension Educator will offer virtual re-certification training. This option’s requirements include personal access to the internet with consistent internet access, access to your own computer/Pad/viewing device, ability to connect audio to answer questions during the session, and ability to answer polling questions during the sessions.

3. View videos in-person in a county office. With this option, an appointment is mandatory. Availability is based upon office staff availability and scheduling. No walk-ins will be available. Time slots are very limited. Not all county offices will offer this option.

4. Online course. This option is a series of self-paced videos. Participants may watch the video sessions at their own pace. Answering quiz questions is a requirement of this option. Access to a computer/device with stable internet capability is a must for this option. Registration for this option will open on January 11, 2021. Please visit https://pested.osu.edu/OnlineRecert for registration and this option.

5. Attend a one-time statewide PAT & FACT re-certification webinar. This is the last chance effort hosted on Thursday, March 25, 2021, virtually.
Statewide • Opens January 11 (ends July 1)
Type: Self-paced online course
Time: 3 hours for Pesticide Re-certification, 1 hour for Fertilizer Re-certification.
• General information: The course must be completed by July 1. Access to the internet and an email address a requirement.
• Location: Online
• RSVP Deadline: Class registration open from January 11 to July 1.
• Event Registration: Pre-registration is required with an email address.
• Link to registration: http://pested.osu.edu/OnlineRecert
• Cost: PAT $35; FERT $10; Combo $45
• Contact: See online registration link

Putnam County • January 25
Type: In-person
Time Fertilizer Re-certification: 8:00 AM-9:00 AM
Time Pesticide Re-certification: 9:00 AM-12:00 PM
• Description: Pre-registration is mandatory. No walk-ins.
• RSVP Deadline: Register by January 22.
• Event Registration: Pre-registration required.
Light snack included in registration.
• Link to registration: http://putnam.osu.edu
• Cost: PAT $35; FERT $10; Combo $45
• Location: Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875
• Contact: Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Putnam County • January 25
Type: In-person
Time Fertilizer Re-certification: 5:00 PM-6:00 PM
Time Pesticide Re-certification: 6:00 PM-9:00 PM
• Description: Pre-registration is mandatory. No walk-ins.
• RSVP Deadline: Register by January 22.
• Event Registration: Pre-registration required.
Light snack included in registration.
• Link to registration: http://putnam.osu.edu
• Cost: PAT $35; FERT $10; Combo $45
• Location: Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875
• Contact: Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Paulding County • January 26
Type: In-person
Time Fertilizer Re-certification: 8:00 AM-9:15 AM
Time Pesticide Re-certification: 9:30 AM-12:30 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by January 15.
• Event Registration: Pre-registration required.
Light snack included in registration.
• Link to registration: http://go.osu.edu/pauldinganr2021
• 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

Crawford County • January 26
Type: Virtual webinar
Time Pesticide Re-certification: 3:00 PM-4:00 PM
Time Fertilizer Re-certification: 12:00 PM-3:00 PM
• Description: Pre-registration is mandatory and requires an email address.
• RSVP Deadline: Register and pay by Jan.18.
• Event Registration: Pre-registration required. Only payments in the form of checks made payable to Ohio State University Extension (OSUE). Full payment must be received before the event to ensure a virtual option. Payments mailed to Ohio State University Extension Crawford County (OSUE Crawford County), 112 E Mansfield St, Suite 303, Bucyrus, OH 44820. Attn: PAT VIRTUAL
• Link to registration: http://crawford.osu.edu
• Cost: PAT $30; FERT $10; Both sessions $40
• Location: Online
• Contact: Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Allen County • February 9
Type: In-person
Time Fertilizer Re-certification: 8:00 AM-9:00 AM
Time 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 5.
• Event Registration: Pre-registration required.
• Link to registration: http://allen.osu.edu
• Cost: PAT $35; FERT $10; Combo $45
• Location: Allen County Fairgrounds, 2750 Harding Hwy, Lima, OH 45804
• Contact: Clint Schroeder, (419) 879-9108, schroeder.307@osu.edu

Allen County • February 9
Type: In-person
Time Fertilizer Re-certification: 8:00 AM-9:15 AM
Time Pesticide Re-certification: 9:30 AM-12:30 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by February 12.
• Event Registration: Pre-registration required.
• Link to registration: http://allen.osu.edu
• Cost: PAT $35; FERT $10; Combo $45
• Location: Allen County Fairgrounds, 2750 Harding Hwy, Lima, OH 45804
• Contact: Clint Schroeder, (419) 879-9108, schroeder.307@osu.edu

Fulton County • February 18
Type: In-person
Time Fertilizer Re-certification: 8:00 AM-9:00 AM
Time Pesticide Re-certification: 9:00 AM-12:30 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by February 12.
• Event Registration: Pre-registration required.
• Link to registration: http://go.osu.edu/fultonap2021
• Cost: PAT $35; FERT $10; Combo $45
• Location: Fulton County Fairgrounds - Jr Fair Bdg, 8514 OH-108, Wauseon, OH 43567
• Contact: Eric Richer, (419) 337-9210, richer.5@osu.edu

Defiance County • February 15
Type: In-person
Time Fertilizer Re-certification: 8:00 AM-9:15 AM
Time Pesticide Re-certification: 9:30 AM-12:30 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by February 8.
• Event Registration: Pre-registration required.
• Link to registration: https://go.osu.edu/defianceanr2021
• Cost: PAT $35; FERT $10; Combo $45
• Location: Jewell Community Center, 7900 Independence Road, Defiance, OH 43512
• Contact: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu
Hardin County • March 3
Type: In-person
Time Fertilizer Re-certification:
9:00 AM-12:00 PM
Time Pesticide Re-certification:
1:00 PM-4:00 PM
• Description: At this training, re-certification only in categories CORE, 1, 2, 6, 15. Pre-registration is mandatory. Spots are limited. No walk-ins. For the virtual option, access to the internet is a must.
• Link to registration:
http://go.osu.edu/hardinagnr
• Cost: PAT $35; FERT $10; Combo $45; Boxed-meal option at an additional cost.
• Location: Online and Hardin County Extension Office, 1021 W. Lima, Benton, OH 43326
• Contact: Mark Badertscher, (419) 767-6037, badertscher.4@osu.edu

Allen County • March 4
Type: In-person
Time Fertilizer Re-certification:
5:00 PM-6:00 PM
Time Pesticide Re-certification:
6:00 PM-9:00 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by February 24.
• Event Registration: Pre-registration required.
• Link to registration:
http://allen.osu.edu
• Cost: PAT $35; FERT $10; Combo $45; Boxed Meal Option at an additional cost.
• Location: Online and Hardin County Extension Office, 1021 W. Lima, Benton, OH 43326
• Contact: Mark Badertscher, (419) 767-6037, badertscher.4@osu.edu

Defiance County • March 4
Type: In-person
Time Fertilizer Re-certification:
5:00 PM-6:15 PM
Time Pesticide Re-certification:
6:30 PM-9:30 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by February 25.
• Event Registration: Pre-registration required. Light snack included in registration
• Link to registration:
https://go.osu.edu/defiance2021
• Cost: PAT $35; FERT $10; Combo $45
• Location: Jewell Community Center, 7900 Independence Road, Defiance, OH 43512
• Contact: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Williams County • March 22
Type: In-person
Time Fertilizer Re-certification:
5:00 PM-6:00 PM
Time Pesticide Re-certification:
6:00 PM-9:00 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins. A light snack with registration.
• RSVP Deadline: Register by March 16.
• Event Registration: Pre-registration required.
• Link to registration:
http://go.osu.edu/WilliamsPAT
• Cost: PAT $35; FERT $10; Combo $45;
• Location: Williams County Veterans Memorial Building, 875 E. Main Street, Montpelier, OH 43543
• Contact: Stephanie Karhoff, (419) 636-5608, karhoff.41@osu.edu

Putnam County • March 3
Type: In-person
Time Fertilizer Re-certification:
8:00 AM-9:00 AM
Time Pesticide Re-certification:
9:00 AM-12:00 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins. Light snack included in registration.
• RSVP Deadline: Register by March 2.
• Event Registration: Pre-registration required.
• 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

Hardin County • March 4
Type: In-person
Time Fertilizer Re-certification:
1:00 PM-2:00 PM
Time Pesticide Re-certification:
5:00 PM-6:00 PM
• Description: At this training, re-certification only in categories CORE, 1, 2, 6, 15. Bring Ohio Private Applicator card
• RSVP Deadline: Register by February 23.
• Event Registration: Pre-registration required.
• Link to registration:
http://go.osu.edu/hardinagnr
• 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

Defiance County • March 5
Type: In-person and virtual
Time Fertilizer Re-certification:
11:00 AM-12:00 PM
Time Pesticide Re-certification:
1:00 PM-4:00 PM
• Description: At this training, re-certification only in categories CORE, 1, 2, 6, 15. Bring Ohio Private Applicator card
• RSVP Deadline: Register by February 24.
• Event Registration: Pre-registration is mandatory. Spots are limited. No walk-ins. For the virtual option, access to the internet is a must.
• Link to registration:
http://go.osu.edu/hardinagnr
• Cost: PAT $35; FERT $10; Combo $45;
• Location: Online and Hardin County Extension Office, 1021 W. Lima, Benton, OH 43326
• Contact: Mark Badertscher, (419) 767-6037, badertscher.4@osu.edu

Hardin County • March 5
Type: In-person
Time Fertilizer Re-certification:
11:00 AM-12:00 PM
Time Pesticide Re-certification:
1:00 PM-4:00 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins.
• RSVP Deadline: Register by February 26.
• Event Registration: Pre-registration required.
• Link to registration:
http://hardinagnr
• Cost: PAT $35; FERT $10; Combo $45;
• Location: barber.12@osu.edu

Williams County • March 22
Type: In-person
Time Fertilizer Re-certification:
5:00 PM-6:00 PM
Time Pesticide Re-certification:
6:00 PM-9:00 PM
• Description: Pre-registration is mandatory. Spots are limited. No walk-ins. A light snack with registration.
• RSVP Deadline: Register by March 16.
• Event Registration: Pre-registration required.
• Link to registration:
http://go.osu.edu/WilliamsPAT
• Cost: PAT $35; FERT $10; Combo $45;
• Location: Williams County Veterans Memorial Building, 875 E. Main Street, Montpelier, OH 43543
• Contact: Stephanie Karhoff, (419) 636-5608, karhoff.41@osu.edu
**Pesticide Re-certification & Fertilizer Re-certification Continued...**

**Wood County • March 23**  
**Type:** In-person  
**Time Fertilizer Re-certification:** 8:00 PM-9:00 PM  
**Time Pesticide Re-certification:** 5:00 PM-8:00 PM  
- **Description:** Pre-registration is mandatory. Spots are limited to the first 50 registrants. No walk-ins. Pre-Registration Required. Payments in the form of a check made payable to Ohio State University Extension (OSUE). Payments mailed to Ohio State University Extension Sandusky County (OSUE Sandusky County), 200 Countryside Dr # 4, Fremont, OH 43420. Attn: PAT.  
- **RSVP Deadline:** Register by March 15.  
- **Event Registration:** Pre-registration required.  
- **Link to registration:** [http://wood.osu.edu](http://wood.osu.edu)  
- **Cost:** PAT $30; FERT $10; Combo $45;  
- **Location:** Wood County Fairgrounds, Jr. Fair Building, 13800 W. Poe Rd., Bowling Green, OH 43402  
- **Contact:** Nick Eckel, (419) 354-9050, eckel.21@osu.edu

**Statewide • March 25**  
**Type:** Statewide live webinar  
**Time Fertilizer Re-certification:** TBA – 1 hour in length  
**Time Pesticide Re-certification:** TBA – 3 hours in length  
- **Description:** Pre-registration is mandatory. Must know fertilizer or pesticide applicator ID. Must attend “live” and be able to answer questions. Since this event is virtual, access to the internet is a must.  
- **RSVP Deadline:** March 24  
- **Event Registration:** Pre-registration required.  
- **Link to registration:** [http://pested.osu.edu/OnlineRecert](http://pested.osu.edu/OnlineRecert)  
- **Cost:** PAT $30; FERT $10; Both sessions $40  
- **Location:** Online  
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

**Hardin County • March 30**  
**Type:** In-person video make-up session  
**Time Fertilizer Re-certification:** 1:00 PM-2:00 PM  
**Time Pesticide Re-certification:** 9:00 AM-12:00 PM  
- **Description:** Pre-registration is mandatory. Spots are limited. No walk-ins. Bring Ohio Private Applicator card.  
- **RSVP Deadline:** Register by March 23.  
- **Event Registration:** Pre-registration required.  
- **Link to registration:** [http://go.osu.edu/hardinagnr](http://go.osu.edu/hardinagnr)  
- **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

**Crawford County • March 31**  
**Type:** Virtual webinar  
**Time Fertilizer Re-certification:** 3:00 PM-4:00 PM  
**Time Pesticide Re-certification:** 1:00 PM-4:00 PM  
- **Description:** Pre-registration is mandatory and requires an email address.  
- **RSVP Deadline:** Register and pay by March 22.  
- **Event Registration:** Pre-registration required. Only payments in the form of checks made payable to Ohio State University Extension (OSUE). Payment must be received before the event to ensure a virtual option. Payments mailed to Ohio State University Extension Crawford County (OSUE Crawford County), 112 E Mansfield St, Suite 303, Bucyrus, OH 44820. Attn: PAT VIRTUAL  
- **Link to registration:** [http://crawford.osu.edu](http://crawford.osu.edu)  
- **Cost:** PAT $30; FERT $10; Both sessions $40  
- **Location:** Online  
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

**Van Wert County • March 31**  
**Type:** In-person video make-up session  
**Time Fertilizer Re-certification:** 12:30 PM-1:30 PM  
**Time Pesticide Re-certification:** 9:00 AM-12:00 PM  
- **Description:** Pre-registration is mandatory. Spots are limited. No walk-ins. Bring Ohio Private Applicator card. Light snack included in registration.  
- **RSVP Deadline:** Register by March 24.  
- **Event Registration:** Pre-registration required.  
- **Link to registration:** [http://vanwert.osu.edu](http://vanwert.osu.edu)  
- **Cost:** PAT $35; FERT $10; Combo $45;  
- **Location:** Van Wert County Fairgrounds, Jr. Fair Building, 1055 S. Washington St., Van Wert, OH 45891  
- **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu
Due to the COVID-19 pandemic, the Ohio Department of Agriculture offers a limited testing option for Private and Commercial Pesticide examinations for 2021. Pre-registering with the Ohio Department of Agriculture is mandatory. No walk-ins will be permitted. (Seating is limited at each regional location to 9 people, so please register early.) Web registration https://agri.ohio.gov/wps/portal/gov/oda/divisions/plant-health/pesticides/exam-registration

Multiple exams may be taken during a session; however, you may only register for one testing session per week due to limited space.

**Hancock County • January 5 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Hancock County • January 7 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Fulton County • January 11 • 9:00 AM, 1:00 PM**
Robert Fulton Ag Center, 8870 SR 108, Suite A, Wauseon, OH 43567

**Hancock County • January 12 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Hancock County • January 14 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Hancock County • January 19 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Hancock County • January 21 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Hancock County • January 26 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Hancock County • January 28 • 9:00 AM, 1:00 PM**
Hancock County Agriculture Service Center, 7868 CR140, Findlay, OH 45840

**Fulton County • February 8 • 9:00 AM, 1:00 PM**
Robert Fulton Ag Center, 8870 SR 108, Suite A, Wauseon, OH 43567

**Fulton County • March 8 • 9:00 AM, 1:00 PM**
Robert Fulton Ag Center, 8870 SR 108, Suite A, Wauseon, OH 43567

**Fulton County • April 12 • 9:00 AM, 1:00 PM**
Robert Fulton Ag Center, 8870 SR 108, Suite A, Wauseon, OH 43567

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
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.

Allen County • March 3
6:00 PM-9:00 PM
• Event Type: In-person
• Description: Initial 3-Hour fertilizer certification class for farmers, employees, and/or applicators. Location: Allen County Fairgrounds, 2750 Harding Hwy, Lima, OH 45804
• Cost: $30.
• RSVP Deadline: Register by February 26.
• Event Registration: In-person class size is limited. Registration is mandatory. No walk-ins.
• Link to Registration: http://allen.osu.edu
• Contact: Clint Schroeder, (419) 879-9108, schroeder.307@osu.edu

Wood County • March 25
6:00 PM-9:00 PM
• Event Type: In-person
• Description: Initial 3-Hour fertilizer certification class for farmers, employees, and/or applicators.
• Location: Wood County Fairgrounds, Jr. Fair Building, 13800 W. Poe Rd., Bowling Green, OH 43402
• Cost: $30.
• RSVP Deadline: Register by March 15.
• Event Registration: In-person class size is limited. Registration is mandatory. No walk-ins. Payment in the form of a check. Payable to: Ohio State University Extension (OSUE). Payment mailed to OSUE Sandusky County, 2000 Countryside Drive 44, Fremont, OH 43420. Attn: FACT
• Link to Registration: http://wood.osu.edu
• Contact: Nick Eckel, (419) 354-9050, eckel.21@osu.edu

New Pesticide Applicator Training

Hardin County • January 26
12:30 PM-4:30 PM
• Class Type: In-person and Virtual
• Description: Class to help new pesticide applicators prepare for the Ohio Private Pesticide Applicator License. The class will provide instruction in CORE, Grain, and Cereal Crops. For further study and to prepare for the test, books will be provided. Register by January 12 to ensure an adequate supply of books.
• Location: Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326
• Cost: $30.
• Registration information: RSVP mandatory with the deadline, January 12. Seating is limited. No walk-ins are available. For the virtual option, internet access is a must.
• Registration link: http://go.osu.edu/hardinagnr
• Contact: Mark Badertscher, (419) 767-6037, badertscher.4@osu.edu
Webinar • March 3 ★ New for 2021
Water Quality Litigation
3:00 PM-3:30 PM
• Event Type: Virtual
Please join us for a conversation with Peggy Kirk Hall, OSU Director of Ag & Resource Law Department. The discussion will include current Lake Erie court cases’ current status and potential effects on farmers and nutrient application requirements. Access to the internet and viewing device a requirement.
• Location: Online
• Registration Information: Please register by midnight on the day before the session.
• Registration Link: http://go.osu.edu/pauldingamr2021
• Dates: January 5, February 2, March 2, April 6, May 4, June 1, August 3, September 7, October 5
• Location: Virtual or In-Person at Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
• Cost: No Charge.
• Contact: Jordan Beck, (419) 337-9210, beck.320@osu.edu

Paulding County
Cover Crops Roundtable
6:30 PM-7:30 PM
• Event Type: Virtual and 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 SW Michigan. Attend one or all monthly sessions. RSVP is mandatory for 2021. Sessions will continue into the spring, summer, and fall months, depending on the group. For the beginning of 2021, these sessions will be virtual via Zoom, with the potential to be in-person later in the year.
• Registration Information: Please register by noon of the day of the event by emailing noggle.17@osu.edu. Light refreshments provided with registration
• Registration Link: http://go.osu.edu/pauldingamr2021
• Dates: January 5, February 2, March 2, April 6, May 4, June 1, August 3, September 7, October 5
• Location: Virtual or In-Person at Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
• Cost: No Charge.
• Contact: Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

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. Topics include nutrient and manure management, cover crops, best management practices, and an overview of current research topics and trends.
• Registration Information: Please register by midnight on the day before the session.
• Registration Link: http://go.osu.edu/waterqualityextension
• Dates: January 13, February 10, February 24, April 14.
• Location: Virtual
• Cost: No Charge.
• Contact: Rachel Cochran, (567) 344-5016, cochran.474@osu.edu

Fulton County • January 21
Corn-Soybean Day
Session A: 8:00 AM-11:00 AM
Session B: 1:00 PM – 4:00 PM
Session C: 6:00 PM – 9:00 PM
• Event Type: Virtual and In-Person
New in 2021 – Three in-person repeated split sessions with identical speakers and presentations for this quality annual agronomy event due to in-person spacing restrictions. Based on comfort levels, a free “live” virtual option will be available via Zoom. For in-person attendees: Full Ohio fertilizer re-certification credit offered; partial private credits (Core, Cat. 1) and partial commercial credits (Core, Cat. 2c) offered; and three hours CCA credits (CM, SW, NM) offered. Featured speakers will include Abbey Wick, NDSU Soil Health specialist, Aaron Wilson, OSU Climatologist (both virtual), and local county educators (in-person).
• Location: Virtual or in-person at the Fulton County Extension Office, 1007 W. Bluffton Rd., Kalida, OH 45853
• Cost: No Charge. Boxed meal included in registration (No cost due to generous support from industry sponsors.)
• Contact: Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Putnam County • January 19
Putnam County Agronomy Night
6:30 PM-9:00 PM
• Event Type: In-Person
The annual Agronomy Night program will feature current topics related to crop production, weed management, and agronomic practices. Recertification and CCA credits are available.
• Location: Kalida K of C Hall, 718 Napoleon Rd., Kalida, OH 45853
• Registration Information: Deadline, January 15. Registration mandatory, and space is limited. No walk-ins are available.
• Registration Link: http://putnam.osu.edu
• Cost: No Charge. Boxed meal included in registration. (No cost due to generous support from industry sponsors.)
• Contact: Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Hardin County • January 22
Soil Health, Cover Crops
Session 1: 9:00 AM-11:00 AM
Session 2: 1:00 PM – 3:00 PM
• Event Type: Virtual and In-Person
Join the Water Quality Extension Associates to discuss Soil Health research and planned Cover Crops research for 2021 in Hardin County. Find out how to participate in on-farm research and utilize best practices for cover crops to improve soil health.
• Registration Information: Deadline, January 15. Registration mandatory and space is limited for in-person sessions. No walk-ins are available. For the virtual option, access to the internet is a must.
• Registration Link: http://go.osu.edu/hardinagnr
• Location: Online and Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326
• Cost: No Charge.
• Contact: Mark Badertscher, (419) 767-6037, badertscher.4@osu.edu

Defiance County
Farmer Book/Extension Bulletin Club
7:00 PM-8:15 PM
• Event Type: Virtual
Join OSU Extension in a virtual series of a “Farmer Book/Extension Bulletin Club.” Participants may choose a single session, a combination of sessions, or the entire series. Extension bulletins for session choices will be shipped directly to the participant’s home address. Participants will receive webinar details after registration and payment have been received. An internet connection and access to technology to attend sessions is a must.

Defiance County
Farmer Book/Extension Bulletin Club Information Continued on Following Page
Agronomy/Soil Health/ Nutrient Management Continued...

• **February 22**: Tri-State Fertilizer Recommendations for Corn, Soybean, Wheat, and Alfalfa Bulletin 974, New 2021. When fertilizer first became readily available in the 1930s, university researchers began to conduct field studies, develop soil tests, and make fertilizer recommendations. The Ohio State University, Michigan State University, and Purdue University have repeated research and updated recommendations for today’s crop production to reach high yields, improved profitability, and remain environmentally responsible.

• **March 1**: Identifying Critical Resource Concerns and Best Management Practices for Implementation Bulletin 969. What erosion and nutrient concerns are on your farm? What BMPs can help? Cost-effective solutions are possible. Cost-share dollars to support BMP installation. Help a landowner find solutions that benefit the land and the farmer. This bulletin helps identify the concern and offers BMP details.

• **March 15**: Weed Control Guide Bulletin 789. Weed control is an essential part of all crop production systems. Weeds left uncontrolled reduce yields, reduce profits, and harbor insects and diseases. The guide has recommendations for effective burndown strategies, corn (field, popcorn, and sweet corn), soybean, small grains, forages (legumes/grasses), and permanent grass pastures/CRP/grass hay. Performance ratings of herbicides by weed species(s) preplant/ preemergence and postemergence.

• **March 22**: Midwest Cover Crops Field Guide 2nd Edition Bulletin ID-433. The guide will help effectively select, grow, and use cover crops in a farming system. Producers who want to prevent soil erosion, improve nutrient cycling, sustain their soils, and protect the environment have been returning to an ancient practice: planting cover crops. Choosing species(s) and their characteristics, fitting a cover crop into the rotation, seeding methods, terminating, herbicide carryover, insect, slugs, nematodes, and local incentives and support.

• **March 29**: Corn, Soybean, Wheat, and Forages Field Guide Bulletin 827. Designed to be used in the field by scouts, crop advisers, and farmers. Insect, disease, and weed identification as well as agronomic information valuable when checking fields. Two hundred eighty-two pages and easy to handle in the field. Authored by 26 OSU Extension and Penn State Extension specialists. Valuable for crop assessment, problem-solving, and determining profitable actions.

• **Location**: Online

• **Registration Information**: Deadline, January 15. Sessions can be chosen ala-carte as single sessions or a series. Registration mandatory due to shipping of session materials.

• **Registration link**: [https://go.osu.edu/defianceaer2021](https://go.osu.edu/defianceaer2021)

• **Cost**: February 8 - $16; February 22 - $10; March 1 - $9; March 15 - $16; March 22 - $8; March 29 - $16. If choosing all six sessions, a flat rate of $75 will be charged.

• **Contact**: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

**Webinar • February 23**

Farm Science Review – REWIND 2020 – Agronomy Edition
12:00 PM-1:00 PM

• **Event Type**: Virtual

Farm Science Review was a great experience online for 2020 with over 160,000 online views and 750,000 total impressions with social media accounts. What did everyone view, see, and learn? This session will guide you to find the session related to Agronomy. Join this session and then use your free time to browse, learn, and experience Farm Science Review REWIND.

• **Registration Information**: RSVP deadline, February 12. An internet connection and access to technology to attend sessions is a must. Participants will receive a copy of the newly updated OSU Extension instructors. Critical parts of the publication will be highlighted, including soil sampling, N, P, K, and Sulfur recommendations. This class qualifies for ODA Fertilizer Re-certification (commercial and private), also known as Category 15.

• **Registration Information**: Early Bird RSVP deadline, February 9. Late Registration deadline, February 12. An internet connection and access to technology to attend sessions is a must. Participants will receive a copy of the newly updated Tri-State Fertilizer Recommendations publication.

• **Registration link**: [http://go.osu.edu/fultonagprograms2021](http://go.osu.edu/fultonagprograms2021)

• **Location**: Virtual

• **Contact**: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Webinar • February 23
A Virtual Walk thru the updated Tri-State Fertilizer Recommendations
8:30 AM-10:00 AM

• **Event Type**: Virtual

Page through the newly updated OSU/ Tri-State Fertilizer Recommendations in the comfort of your home with online OSU Extension instructors. Critical parts of the publication will be highlighted, including soil sampling, N, P, K, and Sulfur recommendations. This class qualifies for ODA Fertilizer Re-certification (commercial and private), also known as Category 15.

• **Registration Information**: Early Bird RSVP deadline, February 9. Late Registration deadline, February 12. An internet connection and access to technology to attend sessions is a must. Participants will receive a copy of the newly updated Tri-State Fertilizer Recommendations publication.

• **Registration link**: [http://go.osu.edu/defianceaer2021](http://go.osu.edu/defianceaer2021)

• **Cost**: $10 if postmarked or completed online by the early bird deadline. $15 if postmarked or completed online by February 12. Class fees are used to cover the cost of the publication and shipping.

• **Contact**: Eric Richer, (419)337-9210, richer.5@osu.edu or Ed Lentz, phone, (419) 422-3851, lentz.38@osu.edu
Defiance County • February 26
Smart Rates for Fertilizer Workshop
12:00 PM-3:00 PM
• Event Type: In-Person
Work directly with the New OSU / Tri-State University Fertilizer Recommendations. See what’s new and see what is the same. Bring a soil test report from your field. Write your own recommendations for lime, phosphorus, potassium, and nitrogen. Optional: bring a laptop or tablet. Each class is a repeat of the same agenda. Instructor: Wm. Bruce Clevenger, OSU Extension Educator, Certified Crop Adviser. Each class is limited to 9. Registration Information: RSVP deadline, February 19. Registration mandatory and space is limited for in-person sessions. No walk-ins are available. Boxed meal included in registration.
• Registration link: https://go.osu.edu/defianceanr2021
• Location: Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
• Cost: No Charge.
• Contact: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Defiance County • March 16
Smart Rates for Fertilizer Workshop
12:00 PM-3:00 PM
• Event Type: In-Person
Work directly with the New OSU / Tri-State University Fertilizer Recommendations. See what’s new and see what is the same. Bring a soil test report from your field. Write your own recommendations for lime, phosphorus, potassium, and nitrogen. Optional: bring a laptop or tablet. Each class is a repeat of the same agenda. Instructor: Wm. Bruce Clevenger, OSU Extension Educator, Certified Crop Adviser. Each class is limited to 9. Registration Information: RSVP deadline, March 9. Registration mandatory and space is limited for in-person sessions. No walk-ins are available. Boxed meal included in registration.
• Registration link: https://go.osu.edu/defianceanr2021
• Location: Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
• Cost: No Charge.
• Contact: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Defiance County • March 26
Transition to Organic
5:30 PM-8:30 PM
• Event Type: In-Person
Interested in transitioning some acres to organic production? This day-long program will provide information on how to transition to organic, including requirements, inputs, marketing organic crops, and a roundtable of organic farmers.
• Registration Information: RSVP deadline, March 26. Registration mandatory and space is limited for in-person sessions. No walk-ins are available. Boxed meal included in registration.
• Registration link: http://putnam.osu.edu
• Location: Putnam County Educational Services Center, 124 Putnam Parkway, Ottawa, OH 45875
• Cost: $20
• Contact: Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Putnam County • March 30
Transition to Organic
8:00 AM-3:00 PM
• Event Type: In-Person
• Description: Join in on this informal discussion of organic grain opportunities and challenges. Open to current, transitional, and interested organic farmers. Interested in transitioning some acres to organic production? This day-long program will provide information on how to transition to organic, including requirements, inputs, marketing organic crops, and a roundtable of organic farmers.
• Registration Information: RSVP deadline, March 26. Registration mandatory and space is limited for in-person sessions. No walk-ins are available. Boxed meal included in registration.
• Registration link: http://putnam.osu.edu
• Location: Putnam County Educational Services Center, 124 Putnam Parkway, Ottawa, OH 45875
• Cost: $20
• Contact: Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Defiance County April 8
Smart Rates for Fertilizer Workshop
6:30 PM-8:30 PM
• Event Type: In-Person
Work directly with the New OSU / Tri-State University Fertilizer Recommendations. See what’s new and see what is the same. Bring a soil test report from your field. Write your own recommendations for lime, phosphorus, potassium, and nitrogen. Optional: bring a laptop or tablet. Each class is a repeat of the same agenda. Instructor: Wm. Bruce Clevenger, OSU Extension Educator, Certified Crop Adviser. Each class is limited to 9. Registration Information: RSVP deadline, April 1. Registration mandatory and space is limited for in-person sessions. No walk-ins are available. Boxed meal included in registration.
• Registration link: https://go.osu.edu/defianceanr2021
• Location: Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
• Cost: No Charge.
• Contact: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Statewide/Regional
Virtual Programming

Due to the COVID-19 pandemic, many of the OSU Extension educational programs have become virtual in format. To streamline where the agriculture event information is located, OSUE uses one online location for many regional and statewide programs. While many programs are free to the public, some programs will require a program fee. At times, these programs will offer Certified Crop Advisor (CCA) credits, Commercial Livestock Manager (CLM) credits, Private or Commercial Pesticide or Fertilizer credits, or Master Gardener Volunteer (MGV) credits for a fee.

Programming is divided into the categories:
• Agricultural Safety
• Fruit, Vegetable, and Specialty Crops
• Livestock and Dairy
• Farm Markets and Direct Markets
• Agronomic Crops
• Commercial Green Industry/Home Yard and Garden
• Farm Office
• Digital Agriculture
• New and Small Farms
• Natural Resources
• Nutrient Management and Water Quality
• Urban Agriculture
• Pesticide and Fertilizer Applications

The link to the programming is: http://agnr.osu.edu/programming
If you would like to view the programs in all areas by date, please use: https://agnr.osu.edu/events/calendar
Steuben County (Indiana) Annie’s Project
5:30 PM-9:00 PM
• Event Type: In-Person
• Description: This six-week course is a discussion-based workshop bringing women together to learn from experts in production, financial management, human resources, marketing, and the legal field. There’s plenty of time for questions, sharing, reacting, and connecting with your presenters and fellow participants. It’s a relaxed, fun, and dynamic way to learn, grow, and meet other farm women.
• Dates: February 18, February 25, March 4, March 11, March 18, March 25
• Location: Stoy Farms, 6517 S. 400 W, Ashley, IN 46705
• Registration Information: Registration mandatory for in-person programming. Space is limited. Access to the internet is a must for the virtual option.
• RSVP Deadline: February 4.
• Cost: No charge.
• Registration Link: http://bit.ly/NEINAnnies
• Contact: Stephanie Karhoff, (419) 636-5608, karhoff.41@osu.edu or Crystal Van Pelt, (260) 688-1000 ext. 1400, cvanpelt@purdue.edu

Fulton County • March 23
Lady Landlord
9:00 AM-12:00 PM
• Event Type: In-Person or Virtual Option
• Description: Join attorney Peggy Hall and Beth Scheckelhoff as they discuss best management practices for farmland leasing. What should be in writing? How do I incorporate conservation practices? Is there a leasing checklist? What land characteristics help determine value? What is the landlord-tenant risk-reward continuum? Get these questions answered, plus your own. Open to all.
• Location: Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567
• Cost: $20 per landowner or farm family.
• Registration Information: Registration mandatory for in-person programming. Space is limited. Boxed meal included in registration.
• RSVP Deadline: March 16.
• Registration Link: http://go.osu.edu/fultonagprograms2021
• Contact: Eric Richer, (419) 337-9210, richer.5@osu.edu
Beef Quality Assurance (BQA) training is for beef cattle producers needing to certify for the first time or recertify, to sell cattle at auctions and other markets. BQA does more than just help beef producers capture more value from their market cattle. BQA also reflects a positive public image and instills consumer confidence in the beef industry. When producers implement the best management practices of a BQA program, they assure their market steers, heifers, cows, and bulls are the best they can be. Today, the stakes are even higher because of increased public attention on animal welfare. BQA is valuable to all beef and dairy producers because it:

- Demonstrates commitment to food safety and quality
- Safeguards the public image of the beef industry
- Upholds consumer confidence in valuable beef products
- Improves the sale value of marketed beef cattle

Training enhances herd profitability through better management. Ohio State University Extension, in cooperation with the Ohio Beef Council, the Ohio Cattlemen’s Association, and Ohio’s cattle auction markets, is working to offer Ohio’s cattle producers several opportunities to become Beef Quality Assurance Certified.
Virtual Book Club, Botany for Gardens (Author - Brian Capon)

- **Event Type:** Virtual
- **Description:** Amy Stone will be leading this weekly virtual book club for gardeners. Participants should register and have purchased the book, Botany for Gardens (Revised Edition), 2005, Author-Brian Capon.
  - January 4, Part One-Growth.
  - January 18, Part Four-Functions.
  - January 25, Part Five-Reproduction.
- **Location:** Online
- **Cost:** No Charge. Must purchase the book separately on own.
- **Registration Information:** Deadline, January 1. Registration mandatory. Participants should register and have purchased the book, Botany for Gardens (Revised Edition), 2005, Author-Brian Capon.
- **Registration link:** For More Information: https://lucas.osu.edu/events; Online Registration https://osu.zoom.us/meeting/register/tJEvduCurDojGNeekfLvQd7JXD8Ty9DLTjR6.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu

Virtual Book Club, Richness and Rarity

- **The Natural History in Lucas County (Author: Elliot Tramer)**
  12:00 PM-1:00 PM
- **Event Type:** Virtual
- **Description:** Amy Stone will be leading this virtual book club. Participants will discuss specific chapters in the book each week. Participants must purchase the book on their own.
  - January 8, January 15, January 22, and January 29. Location: Online
- **Cost:** No Charge. Must purchase the book separately on own.
- **Registration Information:** Deadline, January 4. Registration mandatory. Participants should register and have purchased the book, Botany for Gardens (Revised Edition), 2005, Author-Brian Capon.
- **Registration link:** For More Information: https://lucas.osu.edu/events; Online Registration in advance for this meeting: https://osu.zoom.us/meeting/register/tJEvduCurDojGNeekfLvQd7JXD8Ty9DLTjR6.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu

Webinar: Lucas County • Lunch and Learn

12:00 PM-1:00 PM
- **Event Type:** Virtual
- **Description:** Amy Stone will be leading this virtual lunch and learn. Participants will discuss specific topics monthly. Participants must have access to the internet and a viewing device.
  - January 20 - Garden Efforts to Get You Through the Winter Months - Planning, Preparation, and Practices.
  - February 17 - Invasive Species - What Are They, and What Can I Do.
  - March 17 - There is Victory in Gardening - Helpful Hints for Edible Garden Success.
  - April 21 - Best Practices Lead to Healthy Trees - Proper Tree Planting and Young Tree Training.
- **Location:** Online
- **Cost:** No Charge.
- **Registration Information:** Deadline, one day before the event. Registration mandatory. After registering, you will receive a confirmation email containing information about joining the meeting.
- **Registration link:** For More Information: https://lucas.osu.edu/events; Register in advance for this meeting: https://osu.zoom.us/meeting/register/tJEvduCurDojGNeekfLvQd7JXD8Ty9DLTjR6.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu
Natural Resources, Horticulture, Master Gardeners Continued...

Webinar: Virtual Book Club, Bringing Nature Home (Author: Doug Tallamy)

- **Registration Information:** Deadline, January 25. Registration mandatory. Participants should register and have purchased the book before the class starts. This is a virtual book club. Participants will be covering specific chapters each session to cover the entire book in a month.
- **Registration link:** For More Information: https://lucas.osu.edu/events; Online Registration in advance for this meeting at https://osu.zoom.us/meeting/register/tJwucumspzqoEDtmwrS-BaZT91F75Y2TGE. After registering, you will receive a confirmation email containing information about joining the sessions.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu

Lucas County • Master Gardener Volunteer Training

- **Event Type:** In-Person with a potential virtual option
- **Description:** Do you want to join the Ohio State University Master Gardener Volunteer Program? Lucas County will be hosting a Master Gardener Volunteer Training Class featuring a variety of horticultural topics. The program requires 50 hours of classroom training and a commitment of 50 hours of volunteer time to become a certified Master Gardener Volunteer. Registration includes a training manual and course materials. This is the initial training for the Master Gardener Volunteer Program. Training will be on Tuesdays from 9 AM - 4 PM. Plans are to meet in person, but not being allowed to be in person for the event is a potential. There will be a virtual alternative depending on the situation in 2021.
  - **Location:** Metroparks Toledo, Toledo Botanical Garden, Conference Center, 5403 Elmer Drive, Toledo, Ohio 43615
  - **Cost:** $235.
  - **Registration Information:** Deadline, January 8. Registration mandatory. Participation limited. No walk-ins are available. The intent is for a participant to attend all sessions to become certified. A volunteer packet can be mailed to interested individuals and available on the Lucas County website. Participants are required to volunteer as part of this program. Participants should register and have purchased the book before the class starts. This is a virtual book club. Participants will be covering specific chapters each session to cover the entire book in a month.
  - **Registration link:** https://lucas.osu.edu/program-areas/master-gardener-volunteers
  - **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu

Webinar: Ohio Woodland Stewards - Woodland, Water, and Wildlife Virtual Conference

- **Event Type:** Virtual
- **Description:** The conference is an opportunity for natural resource land managers across the state to learn more about what issues are impacting our resources and how to approach dealing with them. There are three concurrent sessions - and the talks are grouped around three topic areas: woodlands (trees), water (lakes, streams, and ponds), and wildlife. Continuing education credits are offered where applicable but usually include ISA, SAF-CFE, and pesticide credits.
  - **Monday, March 1 -- woodland topics**
  - **Tuesday, March 2 -- Water Topics**
  - **Wednesday, March 3 -- Wildlife Topics**
- **Cost:** $40 for the three-day virtual conference.
- **Registration Information:** Deadline, February 28. Registration mandatory.
- **Registration link:** For More Information: https://woodlandstewards.osu.edu/events/workshops/ohio-woodland-water-and-wildlife-conference After registering, you will receive a confirmation email containing information about joining the sessions.
- **Contact:** Kathy Smith, (614) 688-3136, smith.81@osu.edu

Webinar: Virtual Book Club, Nature’s Best Hope: A New Approach to Conservation that Starts in Your Backyard (Author Doug Tallamy)

- **Event Type:** Virtual
- **Description:** Amy Stone will be leading this virtual book club. Participants will discuss specific chapters in the book each week. Participants must purchase the book on their own.
  - **March 1, March 8, March 15, March 22, March 29 Location:** Online
  - **Cost:** No Charge. Must purchase the book separately on own.
- **Registration Information:** Deadline, February 22. Registration mandatory. Participants should register and have purchased the book before the class starts. This is a virtual book club. Participants will be covering specific chapters each session to cover the entire book in a month.
- **Registration link:** For More Information: https://lucas.osu.edu/events; Register in advance for this meeting: https://osu.zoom.us/meeting/register/tJwucumspzqoEDtmwrS-BaZT91F75Y2TGE. After registering, participants will receive a confirmation email containing information about joining the meeting.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu

Lucas County • Woodlawn Cemetery and Arboretum Tree Walk

- **Event Type:** In-Person
- **Description:** This is an outdoor tree walk in the cemetery held on the fourth Tuesday of the month. If we are not able to meet in person, the program will be held virtually using Zoom.
  - **Location:** Woodlawn Cemetery and Arboretum, 1502 Central Avenue, Toledo, Ohio 43606
  - **Cost:** No Charge.
- **Registration Information:** Deadline, one day before the event. Space is limited for the in-person event. No walk-ins are allowed. (Fall times will be adjusted if we are outside to account for day length. If we are virtual, the 7:00 PM time-frame will remain). Contact Amy Stone for more information and to RSVP.
- **Registration link:** If the event is required to be virtual, register online at https://osu.zoom.us/meeting/register/tJclde-hrzwuHNgulN7aBmoh1c47x94y15HR. Registration confirmation and online virtual link will be emailed to participants.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu

Lucas County • Virtual Invasive Species Series

- **Event Type:** Virtual
- **Description:** April is Invasive Species Month. Join Extension Educator Amy Stone in this virtual session on invasive species in Ohio. Internet and viewing device is required for these sessions.
  - **April 1 -- General Overview of Invasive Species.**
  - **April 8 -- Gypsy Moth.**
  - **April 15 -- Spotted Lanternfly.**
  - **April 22 -- Invasive Plants.**
- **Location:** Woodlawn Cemetery and Arboretum, 1502 Central Avenue, Toledo, Ohio 43606
- **Cost:** No Charge.
- **Registration Information:** Deadline, one day before the event. Registration mandatory. Internet and viewing device is required for these sessions.
- **Registration link:** https://osu.zoom.us/meeting/register/UAFujuisRT0pE92xXPmPEvmQFW7BbTzix. Registration confirmation and online virtual link will be emailed to participants.
- **Contact:** Amy Stone, (419) 574-0986, stone.91@osu.edu
Natural Resources, Horticulture, Master Gardeners Continued...

**Wood County • Ohio Certified Volunteer Naturalist Training**
9:00 AM-4:00 PM

- **Event Type:** In-Person with Potential to become virtual
- **Description:** Join Wood County Extension and Wood County Park District in their Ohio Certified Volunteer Naturalist (OCVN) Training with the Wood County Chapter. The OCVN program is a research-based education program of The Ohio State University in partnership with several host locations, such as park districts and various environmental organizations. The OCVN program’s mission is to promote awareness and citizen stewardship of Ohio’s natural resources through science-based education and community service. The OCVN program emphasizes hands-on natural resource and environmental education, coupled with volunteer service. Participants in the OCVN program receive 40 hours of combined classroom and field instruction. Upon completing the OCVN course, participants provide 40 hours of volunteer service at any Ohio organization with a compatible program mission.

  - **Dates:** April 10, April 17, April 19, April 24, April 26, May 1, May 3, May 10, May 24, June 5
  - **Location:** Wood County Park District 29530 White Rd, Perrysburg, OH 43551
  - **Cost:** $200.
  - **Registration Information:** Application deadline, February 12. Registration mandatory. In-Person spots are limited. Walk-ins are not allowed. Must be age 18 or older to complete the application. Criminal Background Check Required for participation in the program. Sessions are held Monday evenings and some Saturdays. Open to the general public. No prior training is required to participate in these sessions. There is a chance that some programming will be virtual-only for 2021.

- **Contact:** Jim Witter at (419) 661-1697, jwitter@wcparks.org or Everett Everett at (419) 661-1697, twitter@wcparks.org.

*Webinar: Farm Science Review • April 16 – REWIND 2020 – Gardening Edition*
12:00 PM-1:00 PM

- **Event Type:** Virtual
- **Description:** Farm Science Review was a great success online for 2020 with over 160,000 online views and 750,000 total impressions with social media accounts. What did everyone view, see, and learn? This session will guide you to find the sessions related to Gardening. Join this session and then use your free time to browse, learn, and experience Farm Science Review REWIND.

- **Cost:** No Charge.

- **Registration Information:** RSVP deadline, April 9. An Internet connection and access to technology to attend sessions is a must.

- **Registration link:** [https://go.osu.edu/DefianceANR2021](https://go.osu.edu/DefianceANR2021)

- **Contact:** Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

**Miscellaneous Ag Events**

**Putnam County Small Farm College Series**
6:00 PM-9:00 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. Sessions are held every Thursday evening from January 14 through February 18, 2021.

  - **Dates:** January 14, 21, 28, February 4, 11, 18
  - **Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875
  - **Cost:** $100 per person, $75 for additional family members.

- **Registration Information:** Deadline, January 8. Registration mandatory, and space is limited. No walk-ins are available. Boxed meal included in registration.

- **Registration link:** [http://putnam.osu.edu](http://putnam.osu.edu)

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

**Paulding County Monthly Virtual Coffee Shop**
7:30 AM-8:30 AM

- **Event Type:** Virtual
- **Description:** Join area farmers, agribusiness, and groups in a monthly hot topics update about farm management, livestock, and crop topics on the last Friday of the month. Guest speakers include local entities, local agriculture groups, SWCD, NRCS, ODA, and OSU Extension Educators. Choose one or all sessions to join. Guest speakers and topics announced via flyer for the event. Virtual event for 2021. All are welcome.

  - **Dates:** January 29, February 26, March 26, April 30, May 28, June 28, July 30, August 27, September 24, October 29, November 19, December 17.
  - **Location:** Online
  - **Cost:** No Charge.

- **Registration Information:** Deadline, one day before each session. Meeting requires access to the internet, and a viewing or listening device. Registration is mandatory. Upon registration, the meeting link will be emailed to participants.

- **Registration link:** [http://putnam.osu.edu](http://putnam.osu.edu)

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

**Fulton County Food Safety Managers Training (Level 2 Certification)**
8:00 AM-5:00 PM

- **Event Type:** In-person
- **Description:** The ServSafe® program for Food Safety Manager provides accurate, up-to-date information for all employees’ levels on handling food, from receiving and storing to preparing and serving. These updated principles can easily be applied and practiced by all food service workers. The exam is given on the second day. A participant MUST attend two (2) consecutive days to be eligible to take the certification exam.

  - **Dates:** February 10, 11 • April 7, 8
  - **Location:** Fulton County Extension Office, 1206 East Second Street, Ottawa, OH 45875
  - **Cost:** $200 per person.

*Continued on Following Page...*
Our rural and farm communities need our support in understanding and breaking down stigmas in the communities. Many times, resources to understanding are lacking.

Becoming “trauma-informed” means recognizing that people often have many different types of trauma in their lives. People who have been traumatized need support and understanding from those around them. Often, trauma survivors can be re-traumatized by well-meaning caregivers and community service providers. The Ohio Trauma-Informed Care Approach project seeks to educate our communities about the impact of trauma on clients, coworkers, friends, family, and even ourselves. Understanding the effects of trauma is an essential first step in becoming a compassionate and supportive community.

• Registration Information: Deadline 48 hours prior to the event. Registration mandatory, and space is limited. No walk-ins are available. Registration time 7:30 AM class begins 8:00 AM; The exam is given on the second day. Pre-registration one week in advance of each class is required. Maximum occupancy is 10. Lunch is provided on day two. Light refreshments are provided with registration.
• Registration link: www.go.osu.edu/2021fcservsafe2
• Contact: Melissa Rupp, (419) 337-9210, nupp.26@osu.edu

Trauma-Informed Care Approach (Virtual) • February 23
1:00 PM-3:30 PM
• Event Type: Virtual
• Description: Farm families live with change and stress because of the intertwined nature of their business and family life. Stress comes from the constant weight of responsibilities, weariness, and loneliness, juggling off- and on-farm work, illness or injury, tensions between multiple generations, or a combination of ordinary stressors. Recent downturns in the agricultural economy and increasing weather uncertainties related to climate change produce extraordinary distress, despair, diminished decision-making ability, opioid use, and suicide.

Public policy actions to support farm families can address access to care through health insurance, promoting the availability of rural primary, behavioral, and mental health care, teaching risk management and resiliency-building strategies to farmers and community partners, investing in research to prevent and mitigate stressors and encouraging stress reduction and direction from the perspectives of family and farm economics, health, and well-being.

Virtual Mental Health, First Aid Training (Youth Track) • March 19
9:00 AM-1:30 PM
• Event Type: Virtual
• Description: Farmers can become stressed by a range of challenges—low commodity prices, debt, weather events, animal and crop issues, illness, injuries, and other problems. This stress can carry over into farmers’ personal lives and families. As a result, youth may experience stress from their family’s farm conditions.

Youth may experience stressful feelings due to their family’s farm circumstances, but most children are resilient. If youth are supported in the short-term, they are more likely than adults to regain normalcy reasonably quickly. In the long term, supported youth are more likely to reach out for help to trained adults. If youth are well balanced and supported, they may become a resource for their parents experiencing stress.

While most of us would know how to help if we saw someone having a heart attack—we would start CPR, or at the very least, call 9-1-1. But too few of us would know how to respond if we saw someone having a panic attack or were concerned that a friend or co-worker might show signs of alcoholism. Many times, in our rural communities, misunderstanding and stigmas are prevalent. The resources for these services are, at times, lacking in our rural communities. Youth Mental Health First Aid is primarily designed for adults who regularly interact with young people. The course introduces common mental health challenges for youth, reviews typical adolescent development, and teaches a 5-step action plan to help young people in crisis and non-crisis situations. Topics covered include anxiety, depression, substance use, disorders in which psychosis may occur, disruptive behavior disorders (including AD/HD), and eating disorders.

When more people are equipped with the tools they need to start a dialogue, more people can get their help. Mental Health First Aiders can even save lives. Designed to teach parents, family members, caregivers, teachers, school staff, peers, neighbors, health and human services workers, and other caring citizens how to help an adolescent (age 12-18) who is experiencing mental health, addiction challenge, or is in crisis. Often we don’t realize that one in five teens and young adults lives with a mental health condition.

• Location: Online
• Cost: No charge due to secured grant funds.
• Registration Information: Deadline, March 5.
• Registration mandatory. Meeting requires internet access and a viewing or listening device. Join from the comfort of your own home as the class is virtual. Attendees will receive a certification in Mental Health First Aid for Youth. Participants must be over 18 years old. The value of this course is $225 but is free due to grant funding.
• Registration link: https://go.osu.edu/pauldinganr2021
• Contact: Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

Webinar: Farm Science Review • March 19
REWIND 2020 – Small Farm Edition
12:00 PM-1:00 PM
• Event Type: Virtual
• Description: Farm Science Review was a great success online for 2020, with over 160,000 online views and 750,000 total impressions with social media accounts. What did everyone view, see, and learn? This session will guide you to find the sessions related to Small Farms. Join this session and then use your free time to browse, learn, and experience Farm Science Review REWIND.

• Location: Online
• Cost: No Charge
• Registration Information: RSVP deadline, March 12. An Internet connection and access to technology to attend sessions is a must.
• Registration link: https://go.osu.edu/DefianceANR2021
• Contact: Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu
Helpful Resources

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 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 and 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 seed, 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.

Ohio Ag Manager • http://u.osu.edu/ohiogamanager

Ohio Ag Manager is a monthly electronic newsletter highlighting current and relevant information and articles to help farm managers succeed and be profitable. The goal of the Ohio Ag Manager Team is to provide agricultural businesses with timely management information dedicated to improving the efficiency and profitability of their farm enterprise. Focal issues areas discussed in the monthly electronic newsletter include financial, labor, legal, marketing, and human resource development.

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 (ENTL) team, the group’s key role is to develop articles and supporting photos. This website benefits the commercial nursery, garden center, landscape business managers, or consumer that wants to keep their yard or garden looking good all summer. Additional fact sheet information may be found through the OSU Fact Sheets database: plantfacts.osu.edu.

Helpful Resources Continued...

Ohioine • http://ohioline.osu.edu

Ohioine is an information resource produced by Ohio State University Extension. Through Ohioine, 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 Ohioine 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 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.

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/osuwveeds

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.

AgBMPs • http://agbmps.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 (BMP’s) 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 the high-risk situations in their farm fields and know when to seek professional help for implementing cost-effective conservation.

On-Field Ohio • http://nutrientmanagement.osu.edu

On-Field Ohio provides farmers 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.
Farm Science Review - Save the Date!

September 21-23, 2021

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.

eFields - Coming Soon!

Expected release Mid-January 2021

Interested in improving decision-making on your farm?

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

For more Information:
Contact Dr. Elizabeth Hawkins at hawkins.301@osu.edu or digitalag@osu.edu

Agronomy and Farm Management Podcast

Hosted by OSU Extension’s Amanda Douridas and Elizabeth Hawkins

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 released every other Wednesday. Listen and subscribe at: www.go.osu.edu/iTunesAFM or www.go.osu.edu/StitcherAFM

Scan here for iTunes!
Scan here for Stitcher!
What makes a farm business successful? Is it record-breaking yields, the highest producing cows, or using the most up-to-date technology? The real key to operating a successful farm business is knowing where you stand financially. Farm business analysis is a tool that can be applied to any farm, regardless of size, crop, or livestock enterprises.

By working with the Ohio Farm Benchmarking Program, OSU Extension will complete a financial analysis of your farming operation. Our goal is to help producers understand all the numbers behind your profits and losses. We want to help you further your success and improve your business based on your analysis. Finally, you will be able to compare your farm business to similar businesses across Ohio to see how you stack up to the competition.

OSU Extension can help interpret the numbers behind your profits and losses and show you how to improve your business decisions based on your farm’s analysis. To complete your analysis, we start with your beginning and ending balance sheets from the most recent business year. These give us a snapshot of what your farm looked like at the beginning and end of your analysis. To fill in the year rest of the year, we provide input forms that cover all purchases, sales, and any other enterprise information.

**What is in it for you?**
- Whole-Farm Analysis
- Personalized Benchmark Reports
- Annual Summaries
- Enterprise Analysis
- Cost of Production per acre, bushel, ton, head, cwt
- Machinery Cost per Acre

A Farm Business Analysis technicians located across the state will work with any farm in the region. Contact us today to get started! Please visit [https://farmprofitability.osu.edu](https://farmprofitability.osu.edu) to make an appointment.

This work is supported by the USDA National Institute of Food and Agriculture “Northern Plains Regional Farm Business Management and Benchmarking” grant.