



CFAES

OHIO STATE UNIVERSITY EXTENSION

**AGRICULTURE AND
NATURAL RESOURCES
NEWSLETTER**

OHIO - NORTHWEST REGION

2019



**THE OHIO STATE
UNIVERSITY**

**COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES**

Ohio State University Extension

Ag & Natural Resources

Staff in Northwest Ohio

The NW Ohio Agriculture newsletter is being mailed to ALL northwest Ohio pesticide applicators and fertilizer certificate holders, regardless of current license/certificate status. ODA sends a letter to applicators needing to renew, a \$30 fee will need to be returned to ODA. The ODA fee is in addition to the fee required by the county for you to attend the classes to renew your license/certificate.

• ***Maumee Valley EERA***

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

Henry County

<http://henry.osu.edu>

Garth Ruff(419) 592-0806
ruff.72@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>

(419) 636-5608

• ***Top of Ohio EERA***

Hardin County

<http://hardin.osu.edu>

Mark Badertscher(419) 674-2297
badertscher.4@osu.edu

• ***Erie Basin EERA***

Crawford County

<http://crawford.osu.edu>

Jason Hartschuh(419) 562-8731
hartschuh.11@osu.edu

Erie County

<http://erie.osu.edu>

Tim Malinich(419) 627-7631
malinich.1@osu.edu

Huron County

<http://huron.osu.edu>

Mike Gastier(419) 668-8219
gastier.3@osu.edu

Sandusky County

<http://sandusky.osu.edu>

Allen Gahler(419) 334-6340
gahler.2@osu.edu

Seneca County

<http://seneca.osu.edu>

Hallie Williams(419) 447-9722
williams.6386@osu.edu





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Ohio Farm Management Enterprise Budgets

are budgets with Ohio statistics for corn, soybeans, wheat, alfalfa hay, alfalfa haylage, and corn silage. Ohio State University Extension also has budgets for beef, dairy, sheep, and swine. All of these budgets are in MS Excel spreadsheets so that you can put your own numbers in to see how things pencil out for your operation.

These are available online at <http://farmoffice.osu.edu>

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 License Re-certification Training (PAT) and Fertilizer Applicator Re-certification Training (FACT) in Northwest Ohio

**Re-certification cost varies per location.
Registration is required at all locations.**

Hancock County • January 22

Fertilizer Re-certification: 9:00 AM-10:00 AM
Pesticide Re-certification: 10:00 AM-1:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** First Presbyterian Church, Great Room, 2330 S. Main St., 2230 S. Main St., Findlay, OH 45840
- **Cost:** \$40 for complete program; \$10 for Fertilizer Re-certification only; \$35 for Pesticide Re-certification only. Pay at door or at the Hancock County Extension Office. No online registration or payment. Register by January 18. Light refreshments provided with registration.
- **Contact:** Ed Lentz, (419) 422-3851, lentz.38@osu.edu

Paulding County • January 29

Fertilizer Re-certification: 8:00 AM-9:00 AM
Pesticide Re-certification: 9:00 AM-12:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Paulding Co. Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$10 for Fertilizer - \$30 for Pesticide until January 23. Register by January 23. Otherwise cost increases for each by \$10. Light refreshments provided with registration. Register at <http://paulding.osu.edu>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

Van Wert County • February 5

Fertilizer Re-certification: 12:30 PM-1:30 PM
Pesticide Re-certification: 9:00 AM-12:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Van Wert County Fairgrounds, Jr. Fair Building, 1055 S. Washington St., Van Wert, OH 45891

- **Cost:** \$40.00 for PAT and Fertilizer Re-certification, Fertilizer only \$10.00. Register by February 1. Light refreshments provided with Registration. Call the OSU Van Wert County Extension Office for reservations or register Online: <https://www.vanwert.osu.edu>
- **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu

Richland County • February 5

Fertilizer Re-certification: 8:30 AM-9:30 AM
Pesticide Re-certification: 9:30 AM-12:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Richland County Longview Center, 1495 W. Longview Ave., Mansfield, OH 44906
- **Cost:** \$40. Register by February 1. No food provided
- **Contact:** Jason Hartschuh, (419)562-8731, hartschuh.11@osu.edu

Putnam County February 11

Fertilizer Re-certification: 5:00 PM-6:00 PM
Pesticide Re-certification: 6:00 PM-9:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Ottawa American Legion Hall, 218 W. Main Street, Ottawa, OH 45875
- **Cost:** FERT \$10, PAT \$30. Light refreshments provided with registration. Register Online: <http://putnam.osu.edu>
- **Contact:** Beth Scheckelhoff, (419)523-6294, scheckelhoff.11@osu.edu





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Pesticide Recertification & Fertilizer Recertification Continued...

Seneca County • February 12

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

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

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7;
plus 1 hour Fertilizer Re-certification
(Category 15)
- **Location:** Attica Fairgrounds, 100
Fairgrounds Road, Attica, OH 44807
- **Cost:** \$40. Register by February 8.
No food provided
- **Contact:** Hallie Williams, (419) 447-9722,
williams.6386@osu.edu

Defiance County • February 18

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

Pesticide Re-certification: 9:00 AM-12:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1
hour Fertilizer Re-certification (Category 15)
- **Location:** Defiance County Extension Office,
06879 Evansport Road, Defiance, OH 43512
- **Cost:** \$40 for the complete program; \$10 for
Fertilizer Re-certification only if registered
before Feb 11. Light refreshments provided
with registration
- **Contact:** Bruce Clevenger, (419) 782-4771,
clevenger.10@osu.edu

Huron County • February 20

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

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

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7;
plus 1 hour Fertilizer Re-certification
(Category 15)
- **Location:** Huron County Extension Office,
180 Milan Avenue, Norwalk, OH 44857
- **Cost:** \$40. Register by February 15. No food
provided
- **Contact:** Mike Gastier, (419) 668-8219,
gastier.3@osu.edu

Fulton County • February 21

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

Pesticide Re-certification: 9:00 AM-12:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7;
plus 1 hour Fertilizer Re-certification
(Category 15)
- **Location:** Fulton County Fairgrounds,
Junior Fair Building, 8514 State Route 108,
Wauseon, OH 43567
- **Cost:** \$40 for the complete program; \$10 for
Fertilizer Re-certification only if registered
before February 14. Light refreshments
provided with registration
- **Contact:** Eric Richer, (419) 337-9210,
richer.5@osu.edu



Seneca County • March 7

Fertilizer Re-certification: 8:30 AM-9:30 AM.
Pesticide Re-certification: 9:30 AM-12:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** New Riegel Community Center, 20 South Street, New Riegel, OH 44853
- **Cost:** \$40. Register by March 1. No food provided
- **Contact:** Hallie Williams, (419) 447-9722, williams.6386@osu.edu

Henry County • March 7

Fertilizer Re-certification: 5:00 PM-6:00 PM.
Pesticide Re-certification: 6:30 PM-9:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Henry County Senior Center, 203 Rohrs St., Napoleon, OH 43545
- **Cost:** \$40 for complete program, \$10 for fertilizer only. Register by March 4. Light refreshments provided with registration
- **Register Online:** <http://henry.osu.edu>
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu

Hardin County • March 8

Fertilizer Re-certification: 1:00 PM-2:00 PM.
Pesticide Re-certification: 9:00 AM-12:00 PM

- **Description:** Pesticide Re-certification will include CORE, 1, 2, 6. Call office for other categories
- **Location:** Plaza Inn Restaurant, 491 S. Main, Mt. Victory, OH 43340
- **Cost:** \$30 for Pesticide Re-certification; \$10 for Fertilizer Re-certification. Register by March 1. Meal Option at an additional cost. Bring your Ohio Pesticide and/or Fertilizer card.
- **Register Online:** <http://pested.osu.edu>
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Putnam County March 11

Fertilizer Re-certification: 8:00 AM-9:00 AM
Pesticide Re-certification: 9:00 AM-12:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Ottawa American Legion Hall, 218 W. Main Street, Ottawa, OH 45875
- **Cost:** FERT \$10, PAT \$30. Light refreshments provided with registration
- **Registration:** Online at <http://pested.osu.edu> or by calling the office
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Richland County • March 12

Fertilizer Re-certification: 8:30 AM-9:30 AM
Pesticide Re-certification: 9:30 AM-12:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Buckeye Community Center, 79 Noble Road, Shiloh, OH 44878
- **Cost:** \$40. Register by March 8. No food provided
- **Contact:** Mike Gastier, (419) 668-8219, gastier.3@osu.edu

Wood County • March 12

Fertilizer Re-certification: 5:30 PM-6:30 PM
Pesticide Re-certification: 6:30 PM-9:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Wood County Fairgrounds, Jr. Fair Building, 13800 W. Poe Rd., Bowling Green, OH 43402
- **Cost:** \$40. Register by March 8. No food provided
- **Contact:** Alan Sundermeier, (419) 334-6340, sundermeier.5@osu.edu

Van Wert County • March 18

Fertilizer Re-certification: 4:30 PM-5:30 PM
Pesticide Re-certification: 6:00 PM-9:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Delphos Fraternal Order of Eagles Hall, 1600 E. 5th St., Delphos, OH 45833
- **Cost:** \$40.00 for Pesticide and Fertilizer Re-certification, \$10.00 for Fertilizer only. Register by March 15. Light refreshments provided with registration
- **Register Online:** www.vanwert.osu.edu
- **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu

Pesticide Recertification & Fertilizer Recertification Continued...

Hancock County • March 21

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

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

- **Description:** CORE, 1, 2, 3, 4, 5, 6; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Hancock County Agricultural Service Center, 7868 County Road 140, Findlay, OH 45840
- **Cost:** \$40 for the complete program. \$10 for Fertilizer Re-certification only; \$35 for Pesticide Re-certification only. Pay at the door or at the Hancock County Extension Office. Register by March 18. Light refreshments provided with registration. No online registration or payment.
- **Contact:** Ed Lentz, (419) 422-3851, lentz.38@osu.edu

Erie County • March 26

Fertilizer Re-certification: 5:30 PM-6:30 PM.

Pesticide Re-certification: 6:30 PM-9:30 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Ehove Career Center, 316 Mason Rd. W., Milan, OH 44846
- **Cost:** \$40. Register by March 22. No food provided
- **Contact:** Tim Malinich, (419) 627-7631, malinich.1@osu.edu

Sandusky County • March 26

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

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

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Luckey Farmers Inc. Corporate Office, 1200 W. Main St., Woodville, OH 43469
- **Cost:** \$40. Register by March 22. No food provided
- **Contact:** Allen Gahler, (419) 334-6340, gahler.2@osu.edu

Huron County • March 27

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

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

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** North Central Ag Dealer, 100 Industrial Drive, New London, OH 45851
- **Cost:** \$40. Register by March 22. No food provided
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Hardin County • March 29

Fertilizer Re-certification: 11:00 AM-12:00 PM

Pesticide Re-certification: 12:00 PM-3:00 PM

- **Description:** CORE, 1, 2, 3, 4, 5, 6, 7; plus 1 hour Fertilizer Re-certification (Category 15)
- **Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326
- **Cost:** \$10 Fertilizer Re-certification; \$30 for Pesticide Re-certification. Register by March 22. Light refreshments provided with registration. Bring your Ohio Fertilizer and/or Pesticide Applicator card.
- **Register Online:** <http://pested.osu.edu>
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

New Pesticide Applicator Training

Hardin County • January 29

12:30 PM-4:30 PM

- **Description:** Class to help new pesticide applicators prepare for the Ohio Private Pesticide Applicator License. Class will provide instruction in CORE, Grain and Cereal Crops. Books will be included for further study to prepare for test. Register by January 28 at <http://go.osu.edu/hardinpatcrashcourse> to assure adequate supply of books.
- **Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326
- **Cost:** \$25. Register by January 28. Light refreshments provided with registration.
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Wood County • February 1

8:00 AM-12:00 PM

- **Description:** The Ohio Department of Agriculture requires K-12 Schools and Municipal Governments in the State of Ohio to be commercially certified to apply pesticides on public properties. This class will prepare the school and municipal applicator for the passage of the Commercial Pesticide Exams administered by the Ohio Department of Agriculture. Class will cover the use of Pesticides to control unwanted vegetation and insects in turf grass, cemeteries, municipal right of ways, ditch banks, sidewalks, and parking lots. Turf grass includes lawn areas and athletic fields.
- **Location:** Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402
- **Cost:** \$35.00 plus additional cost for study materials if needed. Register by January 25. No food provided.
- **Contact:** Craig Everett, (419) 354-9050, everett.33@osu.edu

Paulding County • February 7

9:30 AM-11:30 AM

- **Description:** Class is designed to prepare new private pesticide applicators to take the test for CORE (general safety for the applicator and the environment) and Category 1 (grain and cereal crops). We will also share with you how to prepare for other categories that are available for certification. Additional personal preparation and study time are suggested. Study material cost separate.
- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$25. Light refreshments provided with registration
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

Crawford County • March 14

1:00 PM-3:00 PM

- **Description:** Are you taking the pesticide test? If so, this class will help you prepare to take the Core and Category one section of the test.
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** No Charge. No food provided Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Van Wert County • March 26

8:00 AM-12:00 PM

- **Description:** New pesticide license applicator's review session for preparing to take ODA pesticide applicator's test for a new license. This review session will cover CORE and Category 1 materials to help reinforce and remind test takers about some of the critical topics that the tests will cover just prior to taking the tests in the afternoon. If planning to take the test in the afternoon, one needs to register with ODA to reserve a seat.
- **Location:** Van Wert County Extension Office, 1055 S. Washington St., Van Wert, OH 45891
- **Cost:** \$25
- **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu



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OHIO STATE UNIVERSITY EXTENSION

New Pesticide Applicator Training Continued...

Wood County • March 27

1:00 PM-5:00 PM

- **Description:** The Ohio Department of Agriculture requires K-12 Schools and Municipal Governments in the State of Ohio to be commercially certified to apply pesticides on public properties. This class will prepare the school and municipal applicator for the passage of the Commercial Pesticide Exams administered by the Ohio Department of Agriculture. Class will cover the use of Pesticides to control unwanted vegetation and insects in turf grass, cemeteries, municipal right of ways, ditch banks, sidewalks, and parking lots. Turf grass includes lawn areas and athletic fields"
- **Location:** Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402
- **Cost:** \$35.00 plus additional charge for study materials if needed. Register by March 18. No food provided.
- **Contact:** Craig Everett, (419) 354-9050, everett.33@osu.edu

Putnam County • April 8

9:00 AM-12:00 PM

- **Description:** Overview of study materials and topics to prepare for the ODA pesticide applicator exam. Interested individuals may also register with ODA to take the exam following the crash course at 1:00 pm at the extension office. Please contact the extension office at least one week in advance of the program to receive appropriate study materials. Study materials need to be purchased separately.
- **Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875
- **Cost:** \$20; No food provided
- **Registration:** Register by April 5
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu





Testing for Private and Commercial Pesticide Applicator License

Pre-register with the Ohio Department of Agriculture (Seating is limited, so please register early.) Web <https://agri.ohio.gov/wps/portal/gov/oda/divisions/plant-health/pesticides/exam-registration> or Phone 1-800-282-1955

Fulton County • January 10 • 10:00 AM

Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567

Wood County • January 14 • 1:00 PM

Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402

Defiance County • January 30 • 10:00 AM

Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

Huron County • February 6 • 1:00 PM

Huron County Extension Office, 180 Milan Avenue, Norwalk, OH 44857

Paulding County • February 14 • 9:00 AM

Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

Wood County • February 25 • 1:00 PM

Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402

Defiance County • February 27 • 10:00 AM

Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

Fulton County • February 28 • 10:00 AM

Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567

Putnam County • February 28 • 9:00 AM

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

Wood County • March 11 • 1:00 PM

Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402

Richland County • March 12 • 1:00 PM

Buckeye Community Center, 79 Noble Road, Shiloh, OH 44878

Fulton County • March 14 • 10:00 AM

Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567

Defiance County • March 20 • 10:00 PM

Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

Wood County • March 25 • 1:00 PM

Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402



***Testing for Private and Commercial Pesticide Applicator License
Continued...***

Paulding County • March 26 • 1:00 PM

Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879

Van Wert County • March 26 • 1:00 PM

Van Wert County Fairgrounds, 1055 S. Washington Street, Van Wert, OH 45891

Crawford County • April 4 • 1:00 PM

Crawford County Courthouse, Lower Level Room 112, 112 East Mansfield St., Bucyrus, OH 44820

Putnam County • April 18 • 1:00 PM

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

Wood County • April 8 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Fulton County • April 18 • 10:00 AM

Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567

Defiance County • April 24 • 10:00 AM

Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512

Wood County • April 29 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Crawford County • May 2 • 1:00 PM

Crawford County Courthouse, Lower Level Room 112, 112 East Mansfield St., Bucyrus, OH 44820

Wood County • May 20 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • June 24 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • July 22 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • August 19 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • September 23 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • October 28 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • November 25 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

Wood County • December 16 • 1:00 PM

Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402

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)

Wood County • March 13

6:00 PM-9:00 PM

- **Description:** 3 Hour Fertilizer Certification
- **Location:** Wood County Fairgrounds, Jr. Fair Building, 13800 W. Poe Rd., Bowling Green, OH 43402
- **Cost:** \$30. Register by March 8. No food provided
- **Contact:** Alan Sundermeier, (419) 334-6340, sundermeier.5@osu.edu

Erie County • March 19

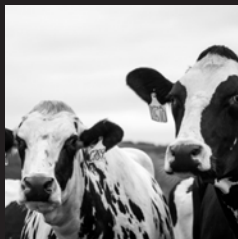
6:00 PM-9:00 PM

- **Description:** 3 Hour Fertilizer Certification
- **Location:** Ehope Career Center, 316 Mason Rd. W., Milan, OH 44846
- **Cost:** \$30. Register by March 15. No food provided
- **Contact:** Tim Malinich, (419) 627-7631, malinich.1@osu.edu

Van Wert County • April 9

6:00 PM-9:00 PM

- **Description:** 3 Hour FACT Training
- **Location:** Van Wert County Extension Office, 1055 S. Washington St., Van Wert, OH 45891
- **Cost:** \$30. Register by April 8. No food provided
- **Register Online:** <http://vanwert.osu.edu>
- **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu



1-Hour Fertilizer Recertification

Van Wert County • April 11

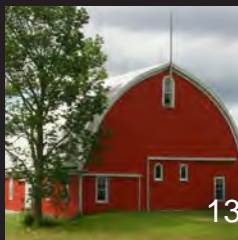
7:00 PM-8:00 PM

- **Description:** 1 Hour Fertilizer Re-certification Only
- **Location:** Van Wert County Fairgrounds, Jr. Fair Building, 1055 S. Washington St., Van Wert, OH 45891
- **Cost:** \$10. Register by April 10. No food provided.
- **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu

Hardin County • May 30

7:00 PM-8:00 PM

- **Description:** Instructor taught fertilizer recertification class
- **Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326
- **Cost:** \$10. Register by May 23. Light refreshments provided with Registration. Bring your Ohio Fertilizer Applicator card.
- **Register Online:** <http://pested.osu.edu>
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu



Agronomy/Soil Health/ Nutrient Management



Hardin County

Conservation Tillage Club Breakfast

7:30 AM-9:00 AM

- January 8: Soybean Weed Management, CCA credits available
- January 22: Grain Marketing Outlook, CCA credits available
- February 5: Corn Diseases, CCA credits available
- February 19: Ag Technology, CCA credits available
- **Location:** Plaza Inn Restaurant, 491 S. Main, Mt. Victory, OH 43340 (Please park in side lot.)
- **Cost:** No Charge. Breakfast included in Registration.
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Paulding County

Cover Crops Roundtable

6:30 PM-8:30 PM

Join the OSU Extension Office for a monthly Regional Cover Crops Roundtable. Monthly there will be a topic selected with a farmer-to-farmer discussion led by OSU Extension. These sessions are not based on selling cover crops but on what practices are working in NW Ohio/ NE Indiana. Attend one or all monthly sessions. Please registered by noon of the day of the event by emailing noggle.17@osu.edu. Sessions will continue into the spring, summer and fall months depending on the group.

- **Dates:** Jan. 8, Feb. 5, March 5, April 2
- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** No Charge. Light refreshments provided with registration
- **Register Online:** <http://paulding.osu.edu> or <http://u.osu.edu/pauldingag>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

Huron County • January 10

Muck Crops School

8:30 AM-3:30 PM

- **Description:** Muck Crops Topics
- **Location:** Willard Moose Lodge, 220 E Walton St. Willard, OH 44890
- **Cost:** No Charge. Lunch included in registration
- **Contact:** Mike Gastier, (419) 668-8219, gastier.3@osu.edu

Putnam County • January 14

Putnam County Agronomy Night

6:00 PM-9:30 PM

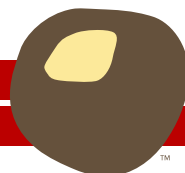
- **Description:** Annual agronomy program featuring topics on farm management, weed control, nutrient management, water quality, and local resources. PAT and CCA credits available.
- **Location:** Kalida K of C Hall, 718 Napoleon Rd., Kalida, OH 45853
- **Cost:** No Charge. Dinner included in registration. (No cost due to generous support from industry sponsors. No RSVP necessary.)
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Crawford County • January 17

eFields on Farm Research Result Review

6:30 PM-8:30 PM

- **Description:** Do you want to know what research shows is improving yields around the state? Join us for a review of the 2018 on-farm research eFields projects to learn what others are trying to improve their yields it may make or save you money.
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** No Charge. Register by January 15. No food provided
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu



Fulton County • January 18 **Corn-Soybean Day**

8:30 AM-4:00 PM

- **Description:** Program will feature Libby Dayton, Elizabeth Hawkins, Sarah Noggle, Bruce Clevenger and farmer panel. Ohio PAT credits: Core, 1, 2, 6 (3 hrs.) and 15 (1 hr.) Michigan PAT credits: 4 hours Commercial PAT credits: Core, 2A, 2C, 10C (2.5 hrs.) and 15 (1 hr.) CCA credits: 4.5 hours CM, IPM, NM, SW
- **Location:** Sauder Village, Founder's Hall, 22611 SR 2, Archbold, OH 43502
- **Cost:** \$35 Pre-registration. Register by January 7. Otherwise cost increases to 50. Lunch included in registration.
- **Register Online:** <http://fulton.osu.edu>
- **Contact:** Eric Richer, (419) 337-9210, richer.5@osu.edu

Wyandot County • January 29 **Wyandot County Ag Day**

9:00 AM-3:30 PM

- **Description:** CCA Credits Applied For. Featured Presenters Include Aaron Wilson Climatologist Ohio State University Byrd Polar and Climate Research Center, and Pierce Paul Plant Disease Specialist in Agronomic Crop Diseases, Ohio State University. Private PAT Credits include Core, 1, 2,3,4,5 and 6, also includes one-hour Fertilizer Recertification credit.
- **Location:** Sycamore Community Center, 3498 SR 103, Sycamore, OH 44882.....
- **Cost:** \$50. Register by January 11. Lunch included in Registration.....
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Hancock County • January 30 **FIC Dealerships Spring Expo and OSU Extension Agronomy Day**

1:00 PM-7:00 PM

- **Description:** Invited speakers to discuss waterhemp management, phosphorus management, farm liability, and grain marketing. Concurrent trade show. Five CCA hours will be offered.
- **Location:** Old Millstream Centre, Hancock County Fairgrounds, 1017 E Sandusky Street, Findlay, OH 45840
- **Cost:** No Charge. Dinner included in registration
- **Contact:** Ed Lentz, (419) 422-3851, lentz.38@osu.edu

Sandusky County • February 7 **Northern Ohio Crops Day**

8:30 AM-4:00 PM

- **Description:** Agronomy program that will include fertilizer and pesticide re-certification (Categories 1, 2, 3, 6). Topics and speakers will include OSU Extension climatologist Aaron Wilson discussing weather trends, atmospheric inversions and useful tips to avoid herbicide drift. The OSU Ag Engineering team will present on planting technology and incorporating Precision Ag into your operation, and local Extension Educators will discuss on farm research trials for cover crops, nitrogen rates, and economics. There will also be an update on the health of Lake Erie and related research.
- **Location:** Old Zim's Wagon Shed, 1387 SR 590, Gibsonburg, OH 43431
- **Cost:** \$40 includes lunch, refreshments, and re-certification credits. Register by January 25. Otherwise cost increases to 50. Lunch included in Registration
- **Register Online:** <https://pested.osu.edu/Recert/eriebasin>
- **Contact:** Allen Gahler, (419) 334-6340, gahler.2@osu.edu

Henry County • February 8 **2019 Northwest Ohio Crops Day**

7:30 AM-3:30 PM

- **Description:** The program has a variety of speakers, featuring Gary Schnitkey, professor of Ag Economics at University of Illinois. Trade show vendors will be present, sharing information on management practices for the 2019 crop production season. Also offered are Pesticide applicator re-certification credits (CORE, 1, 2, 6) plus one hour of re-certification for fertilizer applicators (15) as well as 4 hours of Certified Crop Advisor (CCA) credits.
- **Location:** Bavarian Haus, 3814 SR 18, Deshler, OH 43516
- **Cost:** \$35. Register by February 1; otherwise cost increases to \$45. Lunch included in Registration
- **Registration & trade show** opens at 7:30. Program begins at 8:30. Light breakfast, lunch, materials and recertification credits included in fee.
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu



**Van Wert County
Soil Health Workshop Series**

7:00 AM-9:00 PM

- February 6: Nutrient Recycling and Soil Ecology; and Biology of Soil Compaction.
- February 13: Using Soil Health Practices to Address Water Quality; Beneficial Insects and Cover Crops; and Vole and Slug Issues.

- February 27: It's all about Cover Crops: Managing Grasses, Brassicas and Other Cover Crops.

• **Instructors:** Soil Health Specialist Jim Hoorman with USDA NRCS and Curtis Young OSU Extension

• **Location:** Van Wert County Extension Office, 1055 South Washington Street, Van Wert, OH 45891

• **Cost:** \$5 for each session to cover the cost of refreshments.

• **Contact:** Curtis Young, (419) 238-1214, young.2@osu.edu

**Fulton County • February 20
eFields On Farm Research Review
Northwest Region**

9:00 AM-12:00 PM

- **Description:** Ohio State's eFields initiative is a collaborative effort between OSU Extension and farmers to conduct on farm research across the state and share results in a timely manner for making decisions. Join us for a look at what on farm research taught us in 2018. Hear from local farmers and Extension professionals involved with eFields. CCA credits will be offered.

• **Location:** Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567

• **Cost:** No Charge. Light refreshments provided with Registration

Please email or call to RSVP by February 13. Check in/on-site registration begins at 8:30 am. A light lunch (optional) will be served for \$10 (payment received on site).

• **Register Online:** www.go.osu.edu/efields

• **Contact:** Eric Richer, (419) 337-9210, richer.5@osu.edu

Hardin County • February 21 **Ohio Intensive Soybean** **Management Workshop**

9:00 AM-3:30 PM

- **Description:** Hands-on, intensive soybean management workshop for Ohio Crop Producers that will help you become a more profitable soybean producer. State OSU Extension specialists will teach topics such as soybean growth and development, insects, fertility, diseases, and weed control. CCA and other continuing education credits available. Call for details.
- **Location:** Hardin County Extension Office, 1021 W. Lima, Kenton, OH 43326
- **Cost:** \$35. Register by February 14. Lunch included in Registration
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Putnam County • February 25 **Nutrient Decisions for** **High Yield Wheat**

6:00 PM-7:30 PM

- **Description:** Speaker: Dr. Ed Lentz from OSUE Hancock County. CCA credits available for Nutrient Management.
- **Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875
- **Cost:** No Charge. Register by February 22. Light refreshments provided with Registration
- **Registration:** Please RSVP by calling the office.
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Crawford County • February 26 **Crawford County Ag Day**

3:30 PM-8:30 PM

- **Description:** CCA Credits Applied For. Featured Presenters Include Mark Loux Ph.D. Specialist in Weed Management in Field Crops Ohio State University, and John Fulton Ph.D. Precision Agriculture and Machinery Automation. Ohio State University. Private PAT Credits include Core, 1, 2,3,4,5 and 6, also includes one-hour Fertilizer Recertification credit.
- **Location:** Wayside Chapel, 2341 Kersetter Rd., Bucyrus, OH 44820
- **Cost:** \$50. Register by February 19. Dinner included in Registration
- **Contact:** Jason Hartschuh, (419)562-8731, hartschuh.11@osu.edu

Defiance County **Smart Rates for Fertilizer Workshop**

12:00 PM-2:30 PM (*Times will vary*)

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 recommendation for lime, phosphorus, potassium and nitrogen. Optional: bring a laptop or tablet. Each class is a repeat of the same agenda. Instructor: Bruce Clevenger, OSU Extension Educator, Certified Crop Adviser. Each class is limited to 12.

- **Dates:** February 26, March 28 (6:00 PM – 8:30 PM), April 12 (12:00 – 2:30 PM)
- **Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
- **Cost:** No Charge. Pre-registration required one week prior to each workshop. Lunch included in Registration
- **Contact:** Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Hardin County • March 5 and 6 **Conservation Tillage Conference (CTC)**

8:00 AM-6:00 PM

The CTC is an annual 2-day educational program with ~60 speakers in concurrent sessions. Session titles typically are: Corn University, Soybean school, cover crops, nutrient management, soil and water quality, precision agriculture, soil health, on-farm research and decisions, conservation planning, and no-till systems with CCA and CLM credits available.

- **Location:** Ohio Northern University, McIntosh Center, 402 W. College, Ada, OH 45810
- **Cost:** \$65 per day or \$85 both days. Register by February 21. Otherwise cost increases to \$80 per day or \$105 both days. Lunch included in Registration
- **Register Online:** <http://ctc.osu.edu>
- **Contact:** Mark Badertscher, (419)674-2297, badertscher.4@osu.edu

*Agronomy/Soil Health/
Nutrient Management Continued...*

**Paulding County • March 12
Advanced Soil Health Training**

9:30 AM-2:30 PM

- **Description:** Please join OSU Extension, local Soil and Water Districts and NRCS groups in a regional Advanced Soil Health training by Jim Hoorman, regional Soil Health Specialist. The class is open to farmers, CCAs, SWCD/NRCS employees or anyone with an interest in Soil Health. Please note: This class is for people who have some previous training in soil, nutrient management and cover crop topics. Basics will not be covered in this class. CCA credits will be offered.
- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$50. Register by March 1. Otherwise cost increases to \$75. Lunch included in Registration
- **Register Online:** <http://paulding.osu.edu> or <http://u.osu.edu/pauldingag>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

**Paulding County
Agronomy Series**

9:30 AM-11:30 AM

- March 15: Weed Identification and Management. CCA credits will be offered.
- March 29: Precision Agriculture/ Nutrient Management practices in NW Ohio
- April 5: Equipment calibration, online data referencing and preparing for the upcoming planting season.
- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$50 for all 3 sessions or ala cart sessions are \$20 each. Lunch included in registration
- **Registration** for the event is due 2 days prior to each session. This series is replacing the previously held Paulding County Agronomy Day/Night.
- **Register Online:** <http://paulding.osu.edu> or <http://u.osu.edu/pauldingag>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

**Putnam County • March 25
Importance of Nitrogen Stabilizers,
Starters, Micros, Sulfur, and Nutrient
Enhancers in Corn Production**

6:00 PM-7:30 PM

- **Description:** Speaker: Dr. Ed Lentz from OSUE Hancock County. CCA credits available for Nutrient Management.
- **Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875
- **Cost:** No Charge. Register by March 22. Light refreshments provided with registration
- **Registration:** Please RSVP by calling the office.
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu





Farm Business Management

Fulton County

First Friday

Farm Management Breakfasts

8:00 AM-9:30 AM

The First Friday Farm Mgmt. Breakfasts are open to all farmers, agribusinesses and interested persons. There is no cost and no RSVP to attend but the breakfast is on your own.

- January 4: Retailer Roundtable – Join local retailers for a discussion of input trends, fertility recommendations and soil sampling.
- February 8: (2nd Friday exception) Store vs. Deliver – A discussion with University of Illinois' Gary Schnitkey.
- March 1: Is it about the yield per acre or about the profit per acre? Join us for a cost of production discussion, only if you are ready to talk variable costs.
- April 5: Farm Financial Stress Strategies - How will you tackle 2019?
- **Location:** Blue Ribbon Diner, 8198 OH-108, Wauseon, OH 43567
- **Cost:** No cost except for your breakfast.
- **Contact:** Eric Richer, (419) 337-9210, richer.5@osu.edu

Hardin County

Ag Council Breakfast

7:30 AM-9:00 AM

Roundtable discussion of county agricultural news and information

Dates: January 4, February 1, March 1, April 5, May 3, June 14, July 12, August 2, September 13, October 4, November 8, December 6

- **Location:** Hardin County Extension Office, 1021 W. Lima Road, Kenton, OH 43326
- **Cost:** No Charge. Meal Option at an additional cost
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Paulding County

Grain Marketing Series

9:00 AM-12:00 PM

Learn better skills to help market your grain crops. Topics will include Risk Tolerance, Risk Capacity, Crop Insurance Role in Marketing, Basis, Hedging and Cash Contracts, Futures, Options and Spreads, Building a Grain Market Plan. All sessions in the series are included in the registration Dates: January 8, January 15, January 22

- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$45 per person or \$60 per Farm (Two attendees). Register by January 4. Light refreshments provided with Registration
- **Register Online:** <http://go.osu.edu/grainplan>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu



EYE ON
Profitability



Farm Business Management Continued...

Henry County Improving Grain Marketing Plans

6:00 PM-9:00 PM

- January 8: Topics include Risk Tolerance and Risk Capacity, Crop Insurance Role in Marketing.
- January 15: Topics include Basis, Hedging, and Cash Contracts in addition to Futures, Options and Spreads.
- January 22: Topics include: Building a Grain Marketing Plan
- **Location:** Northwest State Community College 2600 State Route 34 Archbold, Ohio 43502 Room TBD
- **Cost:** \$45 per individual or \$60 per farm for the series. Register by January 4. Light refreshments provided with Registration.
- **Register Online:** <http://go.osu.edu/grainplan> Limited to first 30 registrations.
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu

Putnam County Annie's Project - Putnam County

5:30 PM-9:00 PM

- **Dates:** Jan. 22, 29, Feb. 5, 19, 26 and March 5
- **Location:** Putnam County Extension Office, 1206 East Second Street, Ottawa, OH 45875 ..
- **Cost:** \$65. Register by January 18. Dinner included in registration.
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Huron County • January 24 Huron County Outlook Meeting

9:00 AM-12:00 PM

- **Description:** Agricultural Outlook Topics
- **Location:** St. Mary's Parish Hall, 46 E Main Street, Wakeman, OH 44889
- **Cost:** No Charge. Register by January 17. Otherwise cost increases to \$20. Light refreshments provided with registration
- **Contact:** Mike Gastier, (419) 668-8219, gastier.3@osu.edu

Defiance County • January 28 2019 Farm Outlook Meeting

6:00 PM-9:00 PM

- **Description:** Grain Markets and Ag Policy Outlook - Ben Brown, OSU AEDE; Weather and Agriculture - Aaron Wilson, OSU Byrd Polar & Climate Research Center; World Trade and Global Economy - Ian Sheldon - OSU AEDE. CCA Credits Available.
- **Location:** Jewel Community Center, 7900 Independence Road, Defiance, OH 43512
- **Cost:** \$10. Register by January 22. Otherwise cost increases to \$20. Dinner included in Registration Payment to OSU Extension Defiance County Office; check, cash or credit card.
- **Registration:** <https://defiance.osu.edu>
- **Contact:** Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Crawford County • January 31
Enterprise Budgeting & Marketing Tools
to Improve your Bottom Line

6:00 PM-8:00 PM

- **Description:** In times of tight margins where status quo is never good enough, learn more about enterprise budgets to determine what makes you profitable and tools that can help you become a better marketer.
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** No Charge. Register by January 29. Otherwise cost increases to \$10. No food provided
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Crawford County • February 13
Crawford County Ag Outlook Night

5:30 PM-9:15 PM

- **Description:** Wish you had a magic 8 ball to predict the future, sorry we don't either, but join us to hear from Ben Brown- covering Commodity and Policy updates; Ian Sheldon- Global Trade Matters; Barry Ward- Farm economy update, rental rates, and inputs . Maybe this will at least give you a glimpse into the year ahead.
- **Location:** Wayside Chapel, 2341 Kersetter Rd., Bucyrus, OH 44820
- **Cost:** \$15. Register by February 5. Dinner included in Registration
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Defiance County • March 1 and 8
Computerized Farm Record Keeping
Workshop with Quicken

1:00 PM-3:30 PM

Are you a farmer looking for a better way to keep your farm records? As farm size, income or debt increases, many farmers and lenders look for computer programs that allow fast data entry, have internal checks for accuracy and allow summarizing of data. Most farmers begin their search by asking "Is there a simple computer program that will keep my records like the farm account books?" Participants will learn about Quicken® using an OSU Computer Lab provided during workshop with Quicken® software installed. A workshop manual/home reference will be provided.

- **March 1** Quicken® overview, Data entry that makes useful Reports.
- **March 8** - Reports, Income & Expenses by Enterprise, Farm and Across Years, Reconcile Data Management and Analysis.

- **Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
- **Cost:** \$75 per farm (up to 2 people). Register by February 22. No food provided. Class space is limited to 20 people/10 farms. Please call with additional questions.
- **Contact:** Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu

Henry County • March 16
Seeds for Success: 2019 Northwest
Ohio Small Farms Conference and
Trade Show

8:00 AM-4:00 PM

- **Description:** Day long, family friendly, educational event and trade show. 20+ breakout sessions led by experienced producers and Extension personnel in the areas of Farm Management, Livestock Production, Horticulture, Specialty Enterprises, and Youth Education.
- **Location:** Northwest State Community College, Voinovich Auditorium, 22600 SR 34, Archbold, OH 43502
- **Cost:** \$60 per adult/\$30 per youth (under 18). Register by March 1. Lunch included in Registration. Attendees will be able to select 4 sessions to attend. Continental breakfast, lunch, materials included in registration fee.
- **Register Online:** <http://agnr.osu.edu/small-farm-programs> and <http://henry.osu.edu>
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu

Crawford County • March 21
Women in Ag Social
and Education Night

6:00 PM-8:45 PM

- **Description:** Are you looking to network with like-minded Women who have a passion about agriculture? If so, join is for some social time and learn more about Direct Marketing you farm products and tools that are available to keep better Records and Budgets.
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** \$10. Register by March 18. Dinner included in Registration
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Livestock Production



Henry County • January 10 *Pork Quality Assurance (PQA+) Certification*

6:00 PM-8:00 PM

- **Description:** Adult PQA+ training and exam. Open to any independent or contract swine grower needing new or re-certification for 2019.
- **Location:** Henry County Extension Office, Hahn Center, Suite 302, 104 E. Washington Street, Napoleon, OH 43545
- **Cost:** No Charge. Register by January 9. No food provided
- **Register Online:** <http://henry.osu.edu>
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu

Crawford County • January 15 *Livestock Mortality Composting Certification*

6:30 PM-8:00 PM

- **Description:** If you have livestock, you will have an occasional mortality. Composting is one great way to dispose of these mortalities, but you must be certified, even if you only compost one every few years. Attend this program to become certified.
- **Location:** Crawford County Courthouse, Lower Level Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** \$10. Register by January 14. No food provided
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Sandusky County • January 15 *Beef Quality Assurance Certification*

7:00 PM-9:00 PM

- **Description:** Beef Quality Assurance training and certification for beef producers. This program will give producers a 3-year BQA certification, which may be required in order to sell cattle to specific markets beginning in 2019.
- **Location:** Luckey Farmers Inc., Corporate Office, 1200 W. Main St., Woodville, OH 43469
- **Cost:** No Charge. Register by January 10. Light refreshments provided with Registration
- **Register Online:** <http://u.osu.edu/beefteam/events-programs/>
- **Contact:** Allen Gahler, (419) 334-6340, gahler.2@osu.edu

Paulding County *Northwest Ohio Livestock Producers (NWOLP)*

12:00 PM-2:30 PM

- **Description:** Northwest Ohio Livestock Producers is a series of monthly meetings offered on current livestock topics. Early bird registration is free if enrolling by a deadline. Classes will offer 2 hours of Certified Livestock Manager (CLM) credit each month. Choose one or all events to attend. Meal provide free of charge if enrolling two days prior to event.
- **Dates:** January 16, February 13, March 13
- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** No Charge.
Lunch included in Registration
- **Register Online:** <http://paulding.osu.edu> or <http://u.osu.edu/pauldingag>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

Wood County *Great Lakes Professional Cattle Feeding and Marketing Short Course*

6:00 PM-9:30 PM

- **January 23:** Feeding cattle for consumer markets is a challenging business. Profitability is sporadic. To survive continued implementation of new technology and management ideas are needed. The purpose of this short course is to provide information to assist managers in decision-making. The first session will address previous management on cattle performance, the sourcing of feedlot cattle, and raising dairy calves for beef - start to finish.
- **February 6:** The second session will address the status of cattle and corn markets, use of cover crops as alternative forages, and further economic analysis of the industry.
- **Location:** Wood County Fairgrounds, Jr. Fair Building, 13800 W. Poe Rd., Bowling Green, OH 43402
- **Cost:** \$35. Register by January 17. Light refreshments provided with Registration
- **Contact:** Allen Gahler, (419) 334-6340, gahler.2@osu.edu



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YOUR
LOCAL
FARMER**



Livestock Production Continued...

Fulton County

Small Ruminants 101 Series

5:30 PM-8:30 PM

- **February 5:** Basic Sheep & Goat Production: nutrition, breeding and lambing/kidding, pasture management and facilities. This session will count for Fulton County Quality Assurance for youth with sheep & goat projects; no cost for youth. Other counties please consult your local 4-H Educator.
- **February 19:** Marketing Small Ruminant Livestock: calendar based management, identifying your market, carcass fabrication and use at the table.
- **Location:** Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567
- **Cost:** \$20 for the series or \$10 for one session. Register by February 1; otherwise cost increases to \$30 for the series or \$15 for one session. Light refreshments provided with Registration
- **Register Online:** <http://fulton.osu.edu>
- **Contact:** Eric Richer, (419) 337-9210, richer.5@osu.edu

Crawford County • February 14 Maximizing Manure Utilization

6:00 PM-8:30 PM

- **Description:** Manure is an important nutrient for many livestock and non-livestock farmers. Learn more about applying liquid manure to a growing crop, Understand how chicken manure fits your operation including balancing with commercial fertilizer. Ohio application law update and Nuisance liability.
- **Location:** Crawford County Courthouse, Lower Level Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** No Charge. Register by February 8. Otherwise cost increases to \$5. Dinner included in Registration
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Fulton County • March 12 Livestock Mortality Composting Workshop

12:00 PM-2:00 PM

- **Description:** Those seeking the Livestock Mortality Composting certificate for new or existing livestock facilities may want to consider this 2 hr. workshop.

- **Location:** Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567
- **Cost:** \$15. Register by March 8. Lunch included in Registration
- **Register Online:** www.ocamm.osu.edu
- **Contact:** Eric Richer, (419) 337-9210, richer.5@osu.edu

Henry County

2019 Henry Co. Beef School: Improving Quality and Profitability

6:30 PM-8:00 PM

- **March 25:** In the first night of the series, the focus will be on maximizing forage potential. Discussion will focus on forage management, storage, and quality evaluation. Attendees are welcome to bring forage analysis results.
- **April 1:** Genetic improvement will be the focus of week two. Learn how genetic decisions have direct effects on your cattle and the beef supply.
- **April 8:** Feedlot management will be the topic of week three. The focus will be on nutrition, feed bunk management, and implant strategies for fed beef.
- **April 15:** In the final part of the series, we will discuss marketing strategies for all sizes of operations and work to better understand value based pricing on the grid/rail.
- **Location:** Crossroads Church, 601 Bonaparte Drive, Napoleon, OH 43545
- **Cost:** No Charge. Register by March 20. Light refreshments provided with registration. Can attend entire series or individual meetings. Open to the world.
- **Register Online:** <http://henry.osu.edu>
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu

Fulton County • March 19 Beef Quality Assurance Certification

7:00 PM-9:00 PM

- **Description:** Beef Quality Assurance training and certification for beef producers. This program will give producers a 3-year BQA certification, which may be required in order to sell cattle to specific markets beginning in 2019.
- **Location:** Fulton County OSU Extension Office, 8770 St Rt 108, Wauseon, OH 43567
- **Cost:** No Charge. Register by March 15. Light refreshments provided with Registration
- **Register Online:** <http://u.osu.edu/beefteam/events-programs>
- **Contact:** Eric Richer, (419) 337-9210, richer.5@osu.edu

Natural Resources, Horticulture, Master Gardeners



Defiance County Black Swamp Beekeepers Association

7:00 PM-9:00 PM

- **Dates:** January 8, February 12, March 12, April 9, May 14, June 11, July 9, August 13, September 10, October 8, November 12, December 10
- **Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
- **Cost:** No Charge. No food provided
- **Contact:** Jamie Walters, (419) 438-7335, j.walters1054@yahoo.com

Lucas County Winter Greenhouse Conference • January 10

8:30 AM-3:30 PM

- **Description:** Local greenhouse management workshop featuring timely topics for owners, growers and retail employees. PAT credits are pending.
- **Location:** Brodbeck Greenhouse, 702 Wenz Road, Toledo, OH 43615
- **Cost:** No charge for MVGA members. Lunch included in Registration
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Defiance County Beginner Beekeepers 101 Class • January 12

9:00 AM-3:00 PM

- **Description:** Beginner students will receive handouts of resources and area clubs, 1-year free membership to Ohio State Beekeepers Association, opportunity to receive Apiary Diagnostic Kit (\$49.99 value) free of charge.
- **Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512
- **Cost:** \$5.00 per person. No food provided. Walk-in's welcome.
- **Contact:** Jamie Walters, (419) 438-7335, j.walters1054@yahoo.com

Paulding County Beginner Beekeepers 101 Class • January 26

9:00 AM-3:00 PM

- **Description:** Beginner students will receive handouts of resources and area clubs, 1-year free membership to Ohio State Beekeepers Association, opportunity to receive Apiary Diagnostic Kit (\$49.99 value) free of charge.
- **Location:** Youth Leadership Building, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$5.00 per person. No food provided. Walk-in's welcome.
- **Contact:** Jamie Walters, (419) 438-7335, j.walters1054@yahoo.com

Defiance County Advanced Beekeepers Internship

8:30 AM-12:30 PM

- **Description:** Interns will receive 1-year free membership to Ohio State Beekeepers Association, beekeepers book: Beginners - The Backyard Beekeeper / Advanced - Increase Essentials, opportunity to receive Apiary Diagnostic Kit (\$49.99 value) for free, and hands on training at the Pollinator Sanctuary. Sessions will be held at OSU Extension unless noted by date.
- **Dates:** February 2 (EMA), March 2, April 6, May 4, June 1, July 6, August 3, Sept. 7, Oct. 5 (EMA), Nov. 1 (EMA)
- **Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512 or Defiance County EMA, 22491 Mill Street, Defiance, OH 43512
- **Cost:** Internships are \$175.00 individual or \$250 couple (1 book per individual or couple). Registration deadline by January 26. No food provided
- **Contact:** Jamie Walters, (419) 438-7335, j.walters1054@yahoo.com





Horticulture, Master Gardeners Continued...

Hancock County Master Gardener Volunteer Training

9:00 AM-4:00 PM

- **Dates:** February 6 – March 27 (Every Wednesday)
- **Location:** Hancock County Agricultural Service Center, 7868 CR 140, Findlay, OH 45840
- **Cost:** \$150 includes book, handouts and speaker costs. Register by January 16. No food provided
An Orientation Meeting will be held January 16, 4:00 - 5:00 p.m.
- **Location:** Hancock County Agricultural Service Center, 7868 CR 140, Findlay, OH.
- **Contact:** Ed Lentz, (419) 422-3851, lentz.38@osu.edu

Defiance County Beginner Beekeeper Internship

8:30 AM-12:30 PM

- **Description:** Interns will receive 1-year free membership to Ohio State Beekeepers Association, beekeepers book: Beginners - The Backyard Beekeeper / Advanced - Increase Essentials, opportunity to receive Apiary Diagnostic Kit (\$49.99 value) for free, and hands on training at the Pollinator Sanctuary. Sessions will be held at OSU Extension unless noted by date.
- **Dates:** February 9 (EMA), March 9, April 13 (EMA), May 11, June 8, July 13, August 10, September 14, October 12, November 9
- **Location:** Defiance County Extension Office, 06879 Evansport Road, Defiance, OH 43512 or Defiance County EMA, 22491 Mill Street, Defiance, OH 43512
- **Cost:** Internships are \$175.00 individual or \$250 couple (1 book per individual or couple). Registration deadline by January 26. No food provided
- **Contact:** Jamie Walters, (419) 438-7335, j.walters1054@yahoo.com

Crawford County • February 28

Your Woodland: Management Options and Legal Responsibilities

6:00 PM-8:30 PM

- **Description:** This program will be put together by the OSU Woodland stewards focusing on managing your woods for your needs and profits. Evin Bachelor will be covering hunting liability, recreational user laws, and line fence laws
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** TBD. Register by February 26. No food provided
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Allen County Master Gardener Volunteer Training

6:00 PM-9:00 PM

Specialists from the Ohio State University Extension and experienced Master Gardener Volunteers will be teaching sessions along with some local experts. Some topics include botany, soils, entomology, plant pathology, plant propagation, herbaceous and woody ornamentals, lawns, vegetables, herbs, fruit, pollinators, integrated pest management, pesticide safety, backyard wildlife, houseplants, and therapeutic horticulture. The program requires 50 hours of classroom training and a commitment of 50 hours volunteer time to become a certified Master Gardener Volunteer. Registration includes training manual and course materials. Student will also be required to attend a daylong gardening seminar on Saturday, March 16 in Lima.

- **Dates:** March 5, March 7, March 12, March 14, March 19, March 21, March 26, March 28, April 2, April 4, April 9, April 11, April 16, April 18, April 23, April 25
- **Location:** OSU - Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH 45801
- **Cost:** \$150 enrollment fee plus background check. Register by February 21. Light refreshments provided with registration
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Crawford County Home Grape and Wine Production • March 13

6:00 PM-8:30 PM

- **Description:** Come learn from the OSU enology program to learn the secrets to making great wine at home. Also, learn how to produce a better grape crop to make your wine, include disease control and pruning techniques.
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** \$10. Register by March 6. Otherwise cost increases to 15.
Light refreshments provided with registration
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Paulding County Master Gardener Volunteer Training Class

9:00 AM-4:00 PM

Want to become a certified Master Gardener Volunteer? Paulding County is pleased to host a Master Gardener training class to become certified MGVS in any county in Ohio that has an active Master Gardener program. All sessions are required to complete the inter Master Gardener status. Orientation will be held on March 13, 2019 at the Extension Office from 9:00-10:30 AM. The program requires 50 hours of classroom training and a commitment of 50 hours volunteer time to become a certified Master Gardener Volunteer. Registration includes training manual and course materials.

- **Dates:** March 27, April 3, 10, 17, 24, May 1, 8
- **Location:** Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879
- **Cost:** \$150. Register by March 1. Light refreshments provided with registration
- **Register Online:** <http://paulding.osu.edu> or <http://u.osu.edu/pauldingag>
- **Contact:** Sarah Noggle, (419) 399-8225, noggle.17@osu.edu

Hardin County • March 21 MGVS Spring Garden Workshop

8:30 AM-3:30 PM

- **Description:** Spring is the time to brush up on your gardening skills while there is still time. Hardin County MGVS Spring Garden Workshop is available to all gardeners, whether they are Master Gardeners or not. Topics in 2019 will include Weeds, Native Plants, Monarchs, and Pollinators. Five hours of MGVS continuing education credit is available.
- **Location:** Mid-Ohio Energy Cooperative, 1210 W Lima Street, Kenton, OH 43326
- **Cost:** \$40 (\$30 for OSU Extension Master Gardener Volunteers). Register by March 14. Lunch included in registration.
- **Contact:** Mark Badertscher, (419) 674-2297, badertscher.4@osu.edu

Henry County • March 30 Horticulture Happenings Workshop

8:00 AM-12:00 PM

- **Description:** Join Henry County Master Gardeners for a hands-on workshop on topics such as plant propagation, controlling invasive insects, and variety selection.
- **Location:** Henry County Senior Center, 203 Rohrs St., Napoleon, OH 43545
- **Cost:** \$10. Register by March 25. Light refreshments provided with Registration. Registration at 8:00, Program at 8:30.
- **Register Online:** <http://henry.osu.edu>
- **Contact:** Garth Ruff, (419) 592-0806, ruff.72@osu.edu



Horticulture, Master Gardeners Continued...

Wood County Ohio Certified Volunteer Naturalist Program

9:00 AM-4:00 PM

The Ohio Certified Volunteer Naturalist program (OCVN) is a volunteer program which provides an extensive course in the natural sciences in exchange for a donation of volunteer hours to share your skills and knowledge with others through OCVN sponsored activities. The Wood County OCVN program is a cooperative venture between Ohio State University Extension Wood County, and the Wood County Park District. To become an Ohio Certified Volunteer Naturalist, you must attend all the training sessions, pass examinations and volunteer 40 hours to projects designed for the skills learned via programs through the Wood County Park District. All Applicants must fill out a volunteer application, have satisfactory references, and pass a mandatory Ohio criminal background check

- **Dates:** April 6, April 13, April 15, April 27, April 29, May 4, May 6, May 13, May 20, June 8

- **Location:** Wood County Park District Parks

- **Cost:** \$200. Register by January 25. No food provided

- **Contact:** Craig Everett, (419) 354-9050, everett.33@osu.edu

Wood County Master Gardener's Plant Exchange • April 27

8:30 AM-10:00 AM

- **Description:** Bring a plant and swap a plant. This event is open to the public. Primary plants that will be available include various perennials and other small landscape plants

- **Location:** Wood County Fairgrounds, Home and Garden World Building, 13800 W. Poe Road, Bowling Green, Ohio 43402

- **Cost:** No Charge. No food provided

- **Contact:** Gail Ritzler, (419) 354-9050, ritzler.2@osu.edu

Lucas County Tree Series Walkabouts

7:00 pm – 8:30 pm (unless otherwise noted)

- **Dates:** March 28 (6:00-7:30 pm), April 25, May 23, June 27, July 25, August 22, September 26 (6:00-7:30 pm), October 24 (2:00-3:30 pm), November 28 (2:00-3:30 pm)

- **Location:** Woodlawn Cemetery and Arboretum, 1502 West Central Ave., Toledo, OH 43606

- **Cost:** Free event. No food provided. No registration required.

- **Contact:** Amy Stone, (419) 213-4254, stone.91@osu.edu

Paulding County Master Gardener Plant Sale

Friday 7:30 AM – 5:00 PM, Sat. 7:30 AM – 12:00 PM

- **Dates:** May 17 & May 18

Join the Paulding County Master Gardener Volunteers at their 18th annual plant sale. For sale: annuals, perennials, vegetables, houseplants, ornamentals, flowers, herbs and shrubs grown locally by our volunteers.

- **Location:** Paulding County Fairgrounds, 503 Fairground Drive, Paulding, OH 45879 (Sale in the Block Building)

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



Miscellaneous Ag Events

Hancock County

Hancock County Ag Council

7:00 AM-8:00 AM

- **Dates:** Jan. 14, Feb. 11, March 11, April 8
- **Location:** The January meeting will be at the Hancock County Agricultural Service Center, 7868 CR 140, Findlay, OH 45840. All other meetings at 50 North Senior Center, 339 E Melrose Avenue, Findlay, OH 45840.
- **Cost:** No Charge.
Meal Option at an additional cost.
- **Contact:** Ed Lentz, (419) 422-3851, lentz.38@osu.edu

Putnam County

Putnam County Agriculture Council

8:00 AM-9:00 AM

Informal meeting to discuss current issues in agriculture on the fourth Friday of each month. All are welcome.

- **Dates:** February 22, March 22, April 26, May 24, June: no meeting, July 26, August 23, September 27, October 25, November 22, December 27
- **Location:** Schnipke Inn, 202 W. Main Street, Ottawa, OH
- **Cost:** No Charge. No food provided
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Wood County

Million Hearts

5:00 PM-7:00 PM

Classes discuss heart disease, improving cardiovascular health, recipes, and coping with stress. Learn about heart disease, how to use heart healthy fats, herbs and spices in place of salt, and the opportunity to taste many heart healthy recipes.

- **Dates:** January 30, February 6, February 14
- **Location:** Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402
- **Cost:** \$30.00 Non Wood County Residents, No Charge Wood County Residents. Register by January 25. No food provided.
- **Contact:** Shannon Smith, (419) 354-9050, smith.11604@osu.edu

Putnam County Putnam • January 30 *County Cattlemen's Association Beef Banquet*

6:30 PM-9:00 PM

- **Description:** Annual beef banquet recognizing livestock producers in Putnam County. Come join the Cattlemen's Association for a meal and entertainment.
- **Location:** Kalida K of C Hall, 718 Napoleon Rd., Kalida, OH 45853
- **Cost:** \$10. Dinner included in Registration Tickets can be purchased at the Extension office or from association members.
- **Registration:** Online: <http://putnam.osu.edu>
- **Contact:** Beth Scheckelhoff, (419) 523-6294, scheckelhoff.11@osu.edu

Wood County *Dining with Diabetes*

5:00 PM-7:00 PM

Dining with Diabetes is a cooking school and nutrition education program designed for people with diabetes and their family members or caregivers. In a series of four classes, cooking demonstrations will help you learn healthy techniques to use in your own kitchen. The program includes sampling healthy foods and discussion with a dietitian, plus a follow-up reunion class held at a later date.

- **Dates:** January 31, February 7, February 14, February 21
- **Location:** Wood County Extension Office, 639 S, Dunbridge Road, Suite 1, Bowling Green, OH 43402
- **Cost:** \$40.00 Non Wood County Residents, No Charge Wood County Residents. Register by January 25. No food provided
- **Contact:** Shannon Smith, (419) 354-9050, smith.11604@osu.edu

Miscellaneous Ag Events Continued...

Crawford County • February 5 Hops, Barley, and Home Brewing

6:00 PM-8:30 AM

- **Description:** Have you ever thought about trying to make a home brew with local ingredients? Learn some of the basics of brewing at home with local ingredients. Also learn about growing some of your own Hops and Barley for your brew.
- **Location:** Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield St., Bucyrus, OH 44820
- **Cost:** \$10. Register by February 18. Otherwise cost increases to 15. No food provided
- **Contact:** Jason Hartschuh, (419) 562-8731, hartschuh.11@osu.edu

Fulton County Food Safety Managers Training (Level 2 Certification)

8:00 AM-5:00 PM

ServSafe Manager is the industry standard in food safety training and is accepted in almost all United States jurisdictions that require employee certification. This 16-hour training program provides accurate and up-to-date information for all levels of food service employees in all aspects of food handling, from receiving to storing and from preparing to serving. Upon successful completion of the course and exam, participants receive a certificate from the National Restaurant Association and Level 2 Certification in Food Protection from the Ohio Department of Health.

- **February 6-7:** Full class offered with registration beginning at 7:30 am on first day. Exam on second day.
- **April 10-11:** Full class offered with registration beginning at 7:30 am on first day. Exam on second day.
- **June 26-27:** Full class offered with registration beginning at 7:30 am on first day. Exam on second day.
- **September 25-26:** Full class offered with registration beginning at 7:30 am on first day. Exam on second day.

- **November 20-21:** Full class offered with registration beginning at 7:30 am on first day. Exam on second day.
- **Location:** Fulton County Extension Office, 8870 SR 108, Suite A, Wauseon, OH 43567
- **Cost:** \$200 per person. Pre-registration one week in advance of each class is required. Maximum occupancy is 20. Lunch is provided on day 2. Light refreshments provided with Registration
- **Register Online:** www.go.osu.edu/fultonservsafe
- **Contact:** Melissa Rupp, (419) 337-9210, rupp.26@osu.edu

Hancock County • March 14 Farmer's Share Breakfast

Agriculture Hall of Fame Ceremony
7:30 AM-9:00 AM

- **Description:** Program will include the Hancock County Agriculture Hall of Fame recognition ceremony, short speech by the District FFA public speaking winner, and an update on the local agriculture economy.
- **Location:** Old Mill Centre, Hancock County Fairgrounds, 1017 E. Sandusky St., Findlay, OH 45840
- **Cost:** \$5 ticket purchase. Tickets available at the Hancock County Extension Office and the Findlay-Hancock Chamber of Commerce. Breakfast included in registration.
- **Contact:** Ed Lentz, (419) 422-3851, lentz.38@osu.edu

Defiance County • March 26 Agriculture Appreciation & Hall of Fame Breakfast

8:00 AM-10:00 AM

- **Description:** Defiance County Ag Hall of Fame Application Deadline is Feb 1st with applications available at <https://defiance.osu.edu>. Breakfast and program open to the public. Guest Speaker: Fred Whitford, Purdue Extension Professor speaking on Putting the Sprayer on the Road - Operating agricultural equipment on highways.
- **Location:** Defiance Knights of Columbus, 111 Elliott Rd., Defiance, OH 43512
- **Cost:** \$4. Register by March 19. Breakfast included in Registration
- **Contact:** Bruce Clevenger, (419) 782-4771, clevenger.10@osu.edu



Wood County • March 29

Women in Agriculture Northwest Ohio

8:00 AM-3:00 PM

- **Description:** This one-day conference is a great place to learn, share and network. Be surrounded by other women who are facing the same day-to-day ups, downs, adventures and dilemmas as you. This year's keynote speaker is Katie Dilse of North Dakota. Katie Dilse, a national keynote speaker, invigorates audiences with a heartfelt message creating a powerful impact. Her words empower leadership, cooperation, and community.
- **Location:** Nazareth Hall, 21211 W. River Rd., Grand Rapids, OH 43522
- **Cost:** \$45. Register by March 15. Lunch included in Registration
- **Register Online:** <https://www.facebook.com/Womeninagnwo/>
- **Contact:** Kelly Gonyer, (419) 354-9050, gonyer.1@osu.edu

Wood County

We Grill

5:15 PM-7:15 PM

Ohio State University Extension, Wood County is offering a free program that brings fathers and their child (ages 10-16) together around a grill to learn basic nutrition, food safety and other life skills that can strengthen their relationships. This program consists of 8 sessions. At each session, fathers and youth learn about food safety and nutrition in a large group prior to breaking off to grill a healthy meal together. Once the food is done cooking families gather around tables to enjoy their meal and conversation. Discussions about food and eating myths are also led during this time.

- **Dates:** April 3, April 10, April 11, April 24, April 25, May 1, May 2, May 8, May 9
- **Location:** Wood County Extension Office, 639 S. Dunbridge Road, Suite 1, Bowling Green, OH 43402
- **Cost:** \$50.00 Non-Wood County Residents; No Charge Wood County Residents. Register by March 25. No food provided
- **Contact:** Shannon Smith, (419) 354-9050, smith.11604@osu.edu

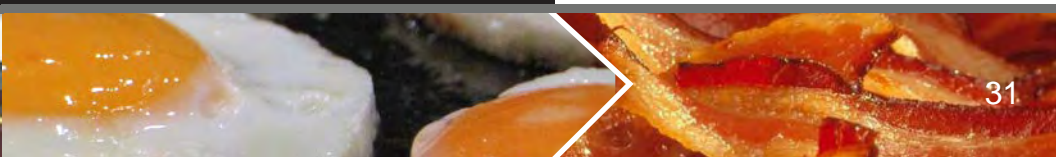


Fulton County • June 15

Breakfast On The Farm

9:00 AM-1:00 PM

- **Description:** Save-the-date for this consumer focused event on June 15, 2019. The second Fulton County Breakfast on the Farm will be held at the Henricks & Krieger Dairy. This is a great family-fun event where you will get to visit a modern, working dairy farm, all while enjoying a free breakfast. Be sure to like us on Facebook, Twitter and Instagram by searching #FultonBOTF. Details on registration for this FREE event will follow on social media.
- **Location:** Henricks & Krieger Dairy Farm, 14692 County Road 16-3, Fayette, OH 43521
- **Cost:** No Charge. Breakfast included in Registration
- **Registration:** Online at www.go.osu.edu/fultonbotf2019register to register individuals or groups.
- **Contact:** Eric Richer, (419)337-9210, richer.5@osu.edu



Helpful Resources

OSU Extension Farm Management • <http://farmoffice.osu.edu/>

Farm managers have access to Enterprise budgets, Data and Statistics, and Decision Tools from this OSU Extension Farm Management website. Enterprise Budgets are available for 2017 and prior for crops, forages, livestock and dairy. Data and Statistics are links to agencies and organizations that have historical data related to agriculture. Decision Tools include: Cash Lease Calculator, Crop Share Calculator, Value of Manure Worksheet, Manure Rate Calculator, Machinery Rental Rates Calculator, and Estimation of the Costs of Operating Farm Equipment.

Ohio Ag Manager • <http://u.osu.edu/ohioagmanager>

A monthly electronic newsletter that highlights current and relevant information and articles to assist farm managers be successful and 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.

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 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, Weed Science.

Healthy Soils — Healthy Environment • <http://soilhealth.osu.edu>

The Healthy Soils – Healthy Environment is an Ohio State University Extension Signature Program that will create a Soil Health Education and Outreach Network comprised of OSU researchers, Extension educators and 4-H educators. The program's long-term goal is to help Improve Ohio's Soil Health and Environment by educating farmers, youth and the general public.

The Crop Observation and Recommendation Network (C.O.R.N.) Newsletter • <http://corn.osu.edu>

To provide accurate and timely information, provide educational opportunities and conduct research projects addressing the needs of Ohio's agronomic crop industry.

Weed Science/Management Information from Ohio State • <http://u.osu.edu/osuweeds/>

Get help with field crop weeds questions and answers. Find help with weed identification. Get the latest information on critical questions with herbicides from Dr. Mark Loux's blog.

Buckeye Yard & Garden Online • <http://bygl.osu.edu>

Buckeye Yard and Garden Online provides timely information about Ohio growing conditions, pest, disease, and cultural problems. Articles and supporting photos are created by members of the Extension, Nursery, Landscape, and Turf (ENLT) team to benefit those who are managing a commercial nursery, garden center, or landscape business or someone who just wants to keep their yard looking good all summer. Additional fact sheet information on any of these articles may be found through the OSU Factsheets database: plantfacts.osu.edu

AgBMPs • <http://agbmps.osu.edu>

Private and public dollars available to address erosion and nutrient loss concerns from agricultural production fields are limited. A cost effective way to reach conservation goals to reduce erosion and nutrient losses is to identify field situations with potentially higher risk Critical Concerns, then match potential Best Management Practices (BMP's) for implementation with the field situation and management used. Resources are limited for professionals from Soil and Water Conservation Districts (SWCDs), State Agencies and the Natural Resources Conservation Service (NRCS) to cover the landscape identifying critical concerns for farmers/landowners. The intent of this website is to empower farmers/landowners with the knowledge necessary to identify the high-risk situations that exist in their farm fields and the ability to know when to seek professional help for implementing cost effective conservation.

Ohio Nutrient Management Record Keeper App • www.onmrk.com

Ohio Nutrient Management Record Keeper (ONMRK) is a computerized recordkeeping system that synchronizes with your smartphone or tablet to create a simple, easy, and quick way to record all of your fertilizer and manure applications from the field. The free app works on tablets, iPads, and smartphones. It can be downloaded from the Google Play Store for Android devices and App Store for Apple devices.

OSU Extension Grape and Wine Research • <http://ohiograpeweb.cfaes.ohio-state.edu>

If you are novice to this cash crop or wanting to refresh your knowledge about commercial grape and wine production in Ohio, please visit the "Grape Growing" and "Wine Making" pages. To keep abreast of the current situation in Ohio vineyards, learn about research updates from the OSU Team; check out the "Newsletter" page. Our Team has also developed several Extension bulletins and factsheets listed under "Resources" and one-click away for downloading on your electronic device. Our goal is to increase accessibility of our work at OSU to the general public.

• AQUACULTURE TEAM

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

• AG LAW & TAXATION

<http://aglaw.osu.edu>

• BEEF TEAM

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

• DAIRY TEAM

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

• MEAT GOAT TEAM

<http://ohioline.osu.edu/factsheet/14>

• POULTRY TEAM

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

• SHEEP TEAM

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

• SWINE EDUCATORS TEAM

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

• OSU EXTENSION AGRICULTURE BUSINESS MANAGEMENT TEAMS

<http://agnr.osu.edu/programs/business-management>

• OSU EXTENSION HORTICULTURE & SPECIALTY CROPS TEAMS

<http://agnr.osu.edu/programs/horticulture-specialty-crops>

• OHIO WOMEN IN AGRICULTURE

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

• OSU EXTENSION SMALL FARM PROGRAMS

<http://agnr.osu.edu/small-farm-programs>

• OSU EXTENSION NATURAL RESOURCES & ENVIRONMENTAL TEAMS

<http://agnr.osu.edu/programs/natural-resources-environmental>

• OSU EXTENSION VEGETABLE TEAM

<https://hcs.osu.edu/extensionoutreach/vegetable-team>

• OSU MASTER GARDENER WEBSITE

<http://mastergardener.osu.edu>

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AGRONOMY AND FARM MANAGEMENT PODCAST

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Amanda Douridas and Elizabeth Hawkins

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FARM SCIENCE REVIEW – SAVE THE DATE!

SEPTEMBER 17-19, 2019

The Molly Caren Agricultural Center (MCAC) near London, Ohio is home to the Farm Science Review and attracts upwards of 140,000 visitors from all over the United States and Canada, who 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.





Farm Business Analysis

Ohio Farm Business Analysis and Benchmarking Program

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.

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. To fill in the year between the balance sheets, all purchases, sales, and enterprise information are used to create an Income Statement.

- **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 Technician is located at the Defiance County Extension office and will work with any farm in the region. Contact us today to get started! Call 419-782-4771.

Email clevenger.10@osu.edu or visit <https://farmprofitability.osu.edu>

This work is supported by the "Growing profit and risk management potential for Ohio and NY crop and livestock farms by expanding access to farm business analysis and benchmarking programs and resources" (GRT00047395) Grant from the USDA National Institute of Food and Agriculture.



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