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OHIO STATE UNIVERSITY EXTENSION

January 2017

Ohio—Northwest Region

Agriculture and Natural Resources Newsletter

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THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

OHIO STATE UNIVERSITY EXTENSION

Ag & Natural Resources Staff in Northwest Ohio

Ag and Natural Resources Extension Educators & Program Coordinators

This newsletter is being mailed to **ALL** northwest Ohio pesticide applicators, regardless of current pesticide license status. **ODA** sends a letter to applicators needing to renew, a \$30 fee will need to be returned to them. The **ODA** fee is in addition to the fee required by the county you attend to renew.

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

NW Ohio Greenhouse
 Systems—Henry County
Beth Scheckelhoff
 419-592-0806
scheckelhoff.10@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>
Position Vacant
 419-523-6294

Van Wert County
<http://vanwert.osu.edu>
Curtis Young
 419-238-1214
young.2@osu.edu

Williams County
<http://williams.osu.edu>
Florian Chirra
 419-636-5608
chirra.1@osu.edu

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

Wood County
<http://wood.osu.edu>
Alan Sundermeier
 419-354-9050
sundermeier.5@osu.edu

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/>

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>

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>

Ohio Nutrient Management Record Keeper App

www.onmrk.com

Ohio Nutrient Management Record Keeper (ONMRK) is a computerized recordkeeping system that syncs 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.

To get started, simply go to the app's website www.onmrk.com. After setting up your account, enter your farm and field information. Download and open the app on your smartphone or tablet and enter your applicator key. All of the data that has been entered on your computer will now synchronize with your smartphone or tablet. The app features drop-down menus and quick entry fields which make it fast and easy to enter the required information.

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, 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 FactSheet database: plantfacts.osu.edu

BYGL is available online at: [bygl.osu.edu], a website created and maintained by Ernest Witney, Systems Manager as part of the "Horticulture in Virtual Perspective" program led by Dr. Tim Rhodus, Professor, Horticulture and Crop Science, Ohio State University. BYGL is also available as a weekly newsletter delivered via email. To subscribe, send an email to bygl@osu.edu

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

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; and tree crops produced for use as Christmas trees or for their utilitarian value; and 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
Recertification (PAT) and Fertilizer Applicator
Certification Training (FACT) in Northwest Ohio**

Recertification cost varies per location. Registration is required at all locations.

January 24 9am-3:30pm Cost: \$35

Hancock County: PAT or PAT & FACT

PAT 9am-noon. PAT Categories; Core,1,2,3,4,5,6.

FACT, 2 hour (must have Pesticide License), 1:30pm-3:30pm. Lunch is on your own. First Presbyterian Church Great Room, 2330 S Main St, Findlay, OH 45840. Registration deadline: 1-23-17. Pre-register by calling 419-422-3851, or lentz.38@osu.edu

January 26 9am-3pm Cost: \$ 50

Wyandot County: PAT and FACT

Sycamore Community Center, 3498 State Route 103, Sycamore, OH 44882. Categories 1,2,3,4,5,6,7 plus 2 hour Fertilizer Certification.

Recertification must have pesticide license or license identification number. RSVP required. Registration Deadline: 1-19-17.

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

February 2 2:30pm-8:30pm Cost: \$35

Hancock County: PAT or PAT & FACT

FACT, 2 hour (must have Pesticide License), 2:30pm-4:30pm.

PAT, 5:30pm-8:30pm. PAT Categories; Core,1,2,3,4,5,6.

First Presbyterian Church Great Room, 2330 S Main St., Findlay, OH 45840. Registration Deadline: 2-1-17. Preregister by calling Hancock County OSU Extension, 419-422-3851, or lentz.38@osu.edu.

February 2 9am-3:30pm Cost: \$50

Sandusky County: PAT and FACT

Northern Ohio Crops Day, Ole Zim's Wagon Shed, 1387 State Route 590, Gibsonburg, OH 43431. PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour Fertilizer Certification. Recertification must have pesticide license or license identification number. Lunch included in registration.

Registration Deadline: 1-27-17. RSVP required.

Contact: Allen Gahler, 419-334-6340, gahler.2@osu.edu

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.

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.

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 Extension Farm Management

<http://aglaw.osu.edu/farm-management-tools/enterprise-budgets>

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.

Cropland Values and Cash Rents, Custom Rate data, and Estate Planning

Resources is currently found at:

<http://aede.osu.edu/research/osu-farm-management/publications>

OSU Agricultural Law & Taxation Website

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

The Agricultural Law & Taxation website is a project of OSU Extension's Agricultural & Resource Law Program. The program conducts research and provides resources on legal issues that affect Ohio agriculture. The website also houses information on OSU's Tax Schools and Agriculture & Natural Resources Tax Issues Workshop, designed to educate tax professionals and farmers on current issues in preparing income tax returns. Peggy Kirk Hall, Director of the Agricultural & Resource Law Program for OSU Extension, is responsible for this website.

Ag Law & Taxation Staff:

Peggy Kirk Hall, J.D., Assistant Professor, Field Specialist, Agricultural & Resource Law, 937-645-3123, hall.673@osu.edu

Julie Moose, Program Assistant, Agriculture Law and Income Tax Schools, 614-292-2433, moose.14@osu.edu

Barry Ward, Director, OSU Extension Income Tax School Program, 614-688-3959, ward.8@osu.edu

OSU Agronomic Crops Team

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

Disciplines included on the Team: Soil Sciences, Agronomy, Plant Pathology, Entomology, Agricultural Engineering, Weed Science.

Certification continued....

February 7 9am-3pm Cost: \$35

Van Wert County: PAT and FACT

Jr. Fair Building on the Van Wert County Fairgrounds, 1055 S. Washington St., Van Wert, OH 45891. PAT, 9am-Noon, PAT Categories; Core,1,2,3,4,5,6,7. FACT, 1pm-3pm, must have a pesticide license. RSVP to office by 2-6-17

Contact: Curtis Young, young.2@osu.edu, 419-238-1214

February 7 9am-3pm Cost: \$ 50

Richland County: PAT and FACT

Richland County Longview Center, 1495 W Longview Ave., Mansfield, OH 44906. PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour FACT.

Recertification must have pesticide license or license identification number. Registration Deadline: 1-31-17. RSVP required.

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

February 9 9am-3pm Cost: \$35

Putnam County: PAT and FACT

Ottawa American Legion Hall, 218 W Main St, Ottawa, OH 45875, with PAT 9:00am-Noon and FACT 1:00pm-3:00pm (must have a pesticide license for this FACT 2 hour training). PAT Categories; Core,1,2,3,4,5,6 Registration required to the office by 2-6-17.

Contact: Jason Hedrick, hedrick.10@osu.edu, 419-523-6294

February 14 9am-3pm Cost: \$50

Seneca County: PAT and FACT

Attica Fairgrounds, 100 Fairgrounds Road, Attica, OH 44807

PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour Fertilizer Certification Recertification must have pesticide license or license identification Registration Deadline: 2-7-17. RSVP required.

Contact: Mike Gastier, 419-668-8219, gastier.3@osu.edu

February 16 9am-3pm Cost: \$50

Huron County: PAT and FACT

The Ripley Church, 4130 Edwards Rd., Greenwich, OH 44837

PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour Fertilizer Certification Recertification must have pesticide license or license identification number. Registration Deadline: 2-9-17. RSVP required.

Contact: Mike Gastier, 419-668-8219, gastier.3@osu.edu

Pesticide Recertification & Fertilizer Certification continued....

February 20 9am-3:30pm Cost: \$35

Defiance County: PAT and FACT

PAT 9:00am-Noon, FACT 1:30pm-3:30pm (must have a pesticide license for this FACT 2 hour training). Lunch on your own.

PAT Categories; Core,1,2,3,4,5,6,7. Registration required by 2-16-17.

OSU Extension, 06879 Evansport Rd, Defiance, OH 43512

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

February 22 9am-3pm Cost: \$ 50

Sandusky County: PAT and FACT

Luckey Farmers Inc Corporate Office, 1200 W. Main Street, Woodville,

OH 43469. PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour Fertilizer

Certification. Recertification must have pesticide license or license identification number. Lunch included in registration.

Registration Deadline: 2-15-17. RSVP required.

Contact: Al Gahler, 419-334-6340, gahler.2@osu.edu

February 23 9am-3pm Cost: \$50

Huron County: PAT and FACT

Huron County OSU Extension, 180 Milan Ave., Norwalk, OH 44857.

PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour FACT.

Recertification must have pesticide license or license identification number. Lunch included in registration. RSVP required.

Registration Deadline: 2-16-17

Contact: Mike Gastier, 419-668-8219, gastier.3@osu.edu

February 23 9am-3:30pm Cost: \$35 pre-registered, \$50 at the door

Fulton County: PAT and FACT

PAT 9am to Noon; FACT 1:30pm to 3:30pm (for those who currently hold a Pesticide License). Robert Fulton Ag Center, 8770 St Rt 108,

Wauseon, OH 43567. PAT Categories; Core,1,2,3,4,5,6,7. Lunch on your own. Contact: Eric Richer, 419-337-9210, or richer.5@osu.edu

February 28 9am-3:30pm Cost: \$35 by 2-21-17, \$50 after 2-21-17

Paulding County: PAT and FACT

Location: Paulding County Extension Office, 503 Fairground Drive,

Paulding, OH 45879. CORE, 1,2,3,4,5,6,7, 9:00am-12:00pm. Lunch

sponsored by Mercer Landmark. Fertilizer Certification Training-2 hour training (for persons who currently hold a Pesticide Applicator license

ONLY) 1:30 to 3:30 pm. Pre-Registration Cut-Off Date: 2-21-17 (\$35)

Registration after 2-21-17 or walk-ins - \$50

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

ery, animals, pesticides, electricity, confined spaces, and farm chemicals

- **February 22 - Session 4**

6:00-9:00 pm Hardin County Extension, 1021 W Lima, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. The Tractor: Comprehensive overview of the tractor, including but not limited to tractor types, hazards, controls, lightning, and starting and operating a tractor

- **March 1 - Session 5**

6:00-9:00 pm Hardin County Extension, 1021 W Lima, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. Connecting and Using Implements with the Tractor: Various types of implements, such as drawbars, three-point hitches, and how they are connected and used with the tractor

- **March 8 - Session 6**

6:00-9:00 pm Hardin County Extension, 1021 W Lima, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. Materials Handling: Skid steers, all-terrain vehicles (ATVs), and utility vehicles.

- **March 18 - Session 7**

9am-3pm Hardin County Fairgrounds - 14134 Letson, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. Hands-on Skills Day, the youth have to safely operate the tractor, connect an implement, pull a two wheel implement through a series of cones, and back up both a two wheel and four wheel implement into a shed.

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

March 18

Community Farm Safety Day

9am-3pm Hardin County Fairgrounds - 14134 Letson, Kenton, OH Free – No RSVP. OSU Extension Grain Bin Safety Cart, and other farm safety demonstrations for both youth and adults.

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

RSVP – please RSVP by contacting Jessie Schulze at 419-782-4771 or schulze.72@osu.edu and provide your name, county, phone number, date, and AM or PM for your arrival. We will accept farmers on a first come, first served basis in the AM (9-12) and PM (12-3). Questions can also be addressed per contact information above or visit go.osu.edu/nutrientplanners for more information.

Miscellaneous Ag Events

January 19

Commercial Pesticide Applicator Recertification Conference

Kalahari Conference Center, Sandusky, OH

For more information visit the website below:

<http://pested.osu.edu/home>

March 21

Agriculture Appreciation and Hall of Fame Breakfast-Defiance County

8am-10am, Location: Defiance K of C Hall, 111 Elliott Rd, Defiance, OH 43512. Defiance County Ag Hall of Fame Application Deadline Feb.1, application available at <http://defiance.osu.edu/>

RSVP required by 3-15-17 for breakfast count for the caterer.

Contact: Bruce Clevenger, 419-782-4771 or clevenger.10@osu.edu

Tractor Safety & Machinery Operation for Youth

- **February 1 - Session 1**

6:00-9:00 pm Hardin County Extension, 1021 W Lima, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. Introduction: Overview of agriculture, types of risks, and regulations related to agricultural safety and health

- **February 8 - Session 2**

6:00-9:00 pm Hardin County Extension, 1021 W Lima, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. Safety Basics: Youth safety and risk, appropriate clothing and personal protective equipment (PPE), warning signs, hand signals, and basic first aid

- **February 15 - Session 3**

6:00-9:00 pm Hardin County Extension, 1021 W Lima, Kenton, OH \$40 for 7 Week Course, Manual & Refreshments - RSVP by January 18 for the course. Agricultural Hazards: Hazards associated with machin-

Pesticide Recertification & Fertilizer Certification continued....

March 14 9am-3pm Cost: \$35

Hardin County: PAT and FACT

Plaza Inn Restaurant – 491 S Main, Mt. Victory 43340. Core, Grain & Cereal Crops, Forage Crops & Livestock, and Fumigation + 2 Hour Fertilizer Training for those with an Ohio Pesticide License.

RSVP required at pested.osu.edu

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

March 14 3pm-9pm Cost: \$35

VanWert County: PAT and FACT

Delphos Fraternal Order of Eagles Hall, 1600 E 5th St., Delphos, OH 45833. FACT, 3pm-5pm, must have a pesticide license.

PAT, 6pm-9pm, PAT Categories; Core,1,2,3,4,5,6,7.

RSVP to office by 3-13-17.

Contact: Curtis Young, young.2@osu.edu, 419-238-1214

March 21 3pm-9pm Cost: \$35

Putnam County: PAT and FACT

Ottawa American Legion Hall, 218 W Main St, Ottawa, OH 45875, with PAT 3pm-6pm and FACT 7pm-9pm (must have a pesticide license for this FACT 2 hour training). PAT Categories; Core,1,2,3,4,5,6

Registration is required to the office by 3-16-17.

Contact: Jason Hedrick, 419-523-6294, hedrick.10@osu.edu

March 21 9am-3pm Cost: \$ 50

Ashland, Lorain, and Huron County: PAT and FACT

North Central Ag Dealer, 100 Industrial Drive., New London. OH 44851. PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour FACT

Recertification must have pesticide license or license identification number. Lunch included in registration. RSVP required.

Registration Deadline: 2-16-17

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

March 30 3pm-9pm Cost: \$50

Crawford County: PAT and FACT

Wayside Chapel, 2341 Kersetter Rd, Bucyrus, OH 44820.

PAT Categories; Core,1,2,3,4,5,6,7 plus 2 hour FACT

Recertification must have pesticide license or license identification number. Dinner included in registration. RSVP required.

Registration Deadline: 3-23-17

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

**Private Applicator Pesticide
Recertification Only
No Fertilizer Certification**

March 20 6pm-9pm Cost: \$50

Wood County: PAT

PAT Categories; Core,1,2,3,4,5,6,7 NO FERTILIZER CERTIFICATION

Wood County Fairgrounds Jr. Fair Building. 13800 W Poe Rd., Bowling Green, Ohio 43402. Recertification must have pesticide license or license identification number. Educational bulletin included in registration. RSVP required. Registration Deadline: 3-13-17.

Contact: Alan Sundermeier, 419-354-9050, sundermeier.5@osu.edu

March 21 6pm-9pm Cost: \$35

Williams County: PAT

Williams County Community Services, 1425 E Hight St, Bryan, OH 43506. Core, 1,2,3,4,5,6. Registration required. RSVP by 3-17-17

Contact: Flo Chirra, chirra.1@osu.edu, 419-636-5608

March 22 6pm-9pm Cost: \$50

Erie County: PAT

PAT Categories; Core,1,2,3,4,5,6,7 NO FERTILIZER CERTIFICATION

Ehove Career Center, 316 Mason Rd W., Milan, OH 44846

Recertification must have pesticide license or license identification number. Educational bulletin included in registration.

Registration Deadline: 3-15-17. RSVP required.

Contact: Tim Malinich, 419-627-7631, malinich.1@osu.edu

March 30 8am-4pm Cost: \$20

Van Wert County: Pre-test training 8am-Noon & PAT 1pm-4pm

Van Wert County Extension Office, Extension Meeting Room, Van Wert County Fairgrounds, 1055 S. Washington St., Van Wert, OH

45891. Core,1,2,3,4,5,6,7. RSVP to office by 3-28-17.

Contact: Curtis Young, young.2@osu.edu, 419-238-1214

March 31 9am-2pm Cost: \$35

Hardin County: Pesticide Recertification Specialty & Make-up Video

Training. Hardin County Extension, 1021 W Lima, Kenton, OH

Core, Grain & Cereal Crops, Forage Crops & Livestock, Fumigation, Fruit & Vegetable Crops, Nursery & Forest Crops, Greenhouse Crops & Specialty Uses. RSVP by March 24.

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

County	Location	Dates	Time
Henry	104 E. Washington Street Napoleon	1-25-17 2-15-17	9am – 3pm
Lucas	5434 West Bancroft, Toledo Toledo Botanical Gardens	1-11-17 2-23-17	9am – 3 pm
Ottawa	240 W. Lake Street Oak Harbor	1-12-17 2-16-17	9am – 3pm
Paulding	503 Fairground Dr, Paulding Youth Leadership Building	1-3-17 2-1-17	9am – 3pm
Putnam	1206 East Second St Ottawa	2-9-17 3-15-17	9am – 3pm
Sandusky	2000 Countryside Drive Fremont	1-17-17 2-28-17	9am – 3pm
Seneca	3140 South State Route 100 Tiffin	1-26-17 3-9-17	9am – 3 pm
Van Wert	1055 S. Washington St VanWert	2-21-17 3-8-17	9am- 3pm
Williams	1425 East High Street Bryan	1-18-17 3-7-17	9am – 3pm
Wood	639 S. Dunbridge Rd Bowling Green in Basement	1-19-17 3-1-17	9am – 3pm
Wyandot	109 South Sandusky Ave Upper Sandusky	1-5-17 2-22-17	9am – 3pm

Hancock County please visit a surrounding county due to building renovations. The Western Lake Erie Basin also covers small parts of Shelby, Marion, Richland, and Huron Counties, as well as, the North half of Mercer County. If you reside in one of those areas and would like a plan, please visit us on a surrounding county's program day. Farmers are welcomed at any county program, regardless of your county of residence. Please plan at least one hour for your meeting.

Nutrient Management Plan Development Program

The following programs are open to any grain, vegetable, hay or non-CAFO livestock producer who lives in the Western Lake Erie Basin (WLEB) and would like to have a free Nutrient Management Plan (NMP) written for their farm. Producers need to provide the following information in order to have a successful meeting with one of our four

NMP Writers:

- Soil tests from no later than 2014 in less than 25 acre zones**
- Complete farm maps and/or FSA maps**
- Fertilizer program, complete with amounts and N-P-K products
- Implement details and information, and operation timelines
- Crop rotations and yield goals for 2016-2022
- Water locations in operation, artificial drainage practices, and type of surface drainage
- Manure: storage capacity, acres to spread on, number of animals, feed information
- NRCS EQIP program information (if planning to apply, or already applied)

**bring with you printed copies or electronic we can save

County	Location	Dates	Time
Allen	2750 Harding Highway, Lima Youth Activity Building	3-21-17 3-28-17	9am – 3pm
Auglaize	208 S. Blackhoof Street Wapakoneta	2-8-17 3-22-17	9am – 3pm
Crawford	112 East Mansfield Street Bucyrus	2-2-17 3-14-17	9am – 3pm
Defiance	6879 Evansport Rd Defiance	1-24-17 3-29-17	9am – 3pm
Erie	2900 Columbus Ave Sandusky	1-31-17 3-16-17	9am – 3pm
Fulton	8770 State Route 108 Wauseon	1-10-17 2-7-17	9am – 3pm
Hardin	1021 W. Lima Street Kenton	2-14-17 3-30-17	9m – 3pm

**3 Hour FACT (Fertilizer Applicator
Certification Training)**

January 10 6pm-10pm Cost: \$0
 Van Wert County: FACT
 Delphos Eagles Club, 1600 E 5th, Van Wert, OH 45891
 RSVP to office by 1-9-17
 Contact: Curtis Young, young.2@osu.edu, 419-238-1214

January 19 5:30pm-8:30pm Cost: \$0
 Hancock County: FACT
 First Presbyterian Church Great Room, 2330 S Main St., Findlay, OH 45840. Preregister by calling Hancock County OSU Extension 419-422-3851, or lentz.38@osu.edu.
 Registration Deadline: 1-18-17

January 20 1:30pm-4:30pm
 Fulton County: FACT
 Founder's Hall at Sauder Village, 22611 SR 2, Archbold, OH 43502.
 Pre-register by 1-11-17
 Contact: Eric Richer 419-337-9210 or richer.5@osu.edu

January 26 1pm-4pm Cost: \$0
 Van Wert County: FACT
 Jr. Fair Building on the Van Wert County Fairgrounds, 1055 S. Washington St., Van Wert, OH 45891. Registration is required to the office by 1-25-17.
 Contact: Curtis Young, young.2@osu.edu, 419-238-1214

January 26 1pm-4pm Cost: \$0
 Wyandot County: FACT
 Sycamore Community Center, 3498 State Route 103. Sycamore, Ohio 44882. Registration Deadline: 1-19-17
 Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

February 7 1pm-4pm Cost: \$0
 Richland County: FACT
 Richland County Longview Center, 1495 W Longview Ave., Mansfield, OH 44906. Registration Deadline: 1-31-17
 Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

February 14 1pm-4pm Cost: \$0

Seneca County: FACT

Attica Fairgrounds, 100 Fairgrounds Road, Attica, OH 44807

Registration Deadline: 2-7-17

Contact: Mike Gastier, 419-668-8219, gastier.3@osu.edu

February 16 1pm-4pm Cost: \$0

Huron County: FACT

The Ripley Church, 4130 Edwards Rd., Greenwich, OH 44837

Registration Deadline: 2-9-17

Contact: Mike Gastier, 419-668-8219, gastier.3@osu.edu

February 22 1pm-4pm Cost: \$0

Sandusky County: FACT

Luckey Farmers Inc Corporate Office, 1200 W. Main Street, Woodville, OH 43469. Registration Deadline: 2-15-17

Contact: Al Gahler, 419-334-6340, gahler.2@osu.edu

February 23 1pm-4pm Cost: \$0

Huron County: FACT

Huron County OSU Extension, 180 Milan Ave., Norwalk, OH 44857

Registration Deadline: 2-16-17

Contact: Mike Gastier, 419-668-8219, gastier.3@osu.edu

March 6 6pm-9pm Cost: \$0

Hardin County: FACT

The Inn at ONU, 401 W College, Ada, OH.

3 Hour Fertilizer Training for those with or without an Ohio Pesticide License. RSVP at nutrienteducation.osu.edu

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

March 17 9am-Noon Cost: \$0

Defiance County: FACT

OSU Extension , 06879 Evansport Rd, Defiance, OH 43512

Registration Deadline: 3-13-17

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

March 21 1pm-4pm Cost: \$0

Ashland, Lorain, and Huron County: Fertilizer Certification

North Central Ag Dealer, 100 Industrial Drive., New London. Ohio 44851. Registration Deadline: 2-16-17

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

February 8

Ohio Beef Short Course—Wood County

6pm-9:30pm, Wood County Fairgrounds Jr. Fair Building, 13800 W Poe Rd., Bowling Green, Ohio 43402. RSVP by 2-2-17

Contact: Al Gahler, 419-334-6340, gahler.2@osu.edu

February 8

Northwest Ohio Livestock Producer's (NWOLP) Meetings

Noon-2:30pm, cost is free, lunch provided.

Topic: Mortality Composting (Attendees will become certified)

Location: Youth Leadership Center, 503 Fairground Drive, Paulding,

OH 45879. Attend one or all of the series of meetings. A series of

meetings with a focus on livestock production, livestock health and

environmental stewardship for Livestock Producers and Agribusinesses

in Northwest Ohio. Certified Livestock Manager (CLM) credits applied

for: 2 hours per event. Pre-registration is required by calling

(419)399-8225 or by emailing noggle.17@osu.edu to reserve a space

and a free meal. RSVP due 2/2/17 .

February 9

6:00-9:00 pm

Grazing, Cover Crops and Pasture Management for Cow/Calf Producers

Robert Fulton Ag Center, 8770 State Route 108, Wauseon, OH 43567.

Topics to be covered: rotational grazing and species selection;

stockpiling pasture; crop stovers & cover crops; baling vs grazing.

No cost but RSVP to 419-337-9210.

March 22

Northwest Ohio Livestock Producer's (NWOLP) Meetings

Noon-2:30pm, cost is free, lunch provided.

Topic: TBA

Location: Youth Leadership Center, 503 Fairground Drive, Paulding,

OH 45879. Attend one or all of the series of meetings. A series of

meetings with a focus on livestock production, livestock health and

environmental stewardship for Livestock Producers and Agribusinesses

in Northwest Ohio. Certified Livestock Manager (CLM) credits applied

for: 2 hours per event. Pre-registration is required by calling

(419)399-8225 or by emailing noggle.17@osu.edu to reserve a space

and a free meal. RSVP by 3/14/17.

Beef Cattle School Webinar series– Hancock County

Detailed program and speakers to be announced later.

Dates include:

January 17 7pm-9pm

February 7 7pm-9pm

February 28 7pm-9pm

Hancock County OSU Extension small conference room, 7868 County Road 140, Ste. B, Findlay, OH 45840.

This webinar based program will take a close look at each of the three primary areas of production: cow calf, backgrounding and the feedlot.

Contact: Ed Lentz, 419-422-3851, or lentz.38@osu.edu

Beef Cattle School Webinar series– Hardin County

Detailed program and speakers to be announced later.

Dates include:

January 17 7pm-9pm

February 7 7pm-9pm

February 28 7pm-9pm

Hardin County Extension, 1021 W Lima, Kenton, OH. Free-RSVP one week before program date. This webinar based program will take a close look at each of the three primary areas of production: cow calf, backgrounding and the feedlot.

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

January 24**Mortality Composting Certification—Crawford County**

6:00 pm Cost: \$10.00 RSVP by 1-19-17

Crawford County Courthouse Lower Level Conference room 112
112 East Mansfield Street Bucyrus Ohio 44820.

Anyone who has livestock knows that every once and a while one dies. In order to compost these mortalities you need to be certified in Ohio.

Attending this program will meet your certification requirements

Contact: Jason Hartschuh, 419-562-8731, Hartschuh.11@osu.edu

January 25**Ohio Beef Short Course—Wood County**

6pm-9:30pm, Wood County Fairgrounds Jr. Fair Building,
13800 W Poe Rd., Bowling Green, Ohio 43402. RSVP by 1-19-17

Contact: Al Gahler, 419-334-6340, gahler.2@osu.edu

March 22 6pm-9pm Cost: \$0

Wood County: FACT

Wood County Fairgrounds Jr. Fair Building, 13800 W Poe Rd., Bowling Green, Ohio 43402. Registration Deadline: 3-13-17

Contact: Alan Sundermeier, 419-354-9050, sundermeier.5@osu.edu

March 28 6pm-9pm Cost: \$0

Williams County: FACT

Williams County Community Services, 1425 E Hight St, Bryan, OH 43506. Registration required. RSVP by 3-24-17

Contact: Flo Chirra, chirra.1@osu.edu, 419-636-5608

March 29 6pm-9pm Cost: \$0

Erie County: Fertilizer Certification

Ehove Career Center, 316 Mason Rd W., Milan, OH 44846

Registration Deadline: 3-15-17

Contact: Tim Malinich, 419-627-7631, malinich.1@osu.edu

March 30 7pm-10pm Cost: \$0

Crawford County: FACT

Wayside Chapel 2341 Kerstetter Rd. . Bucyrus, OH 44820

Registration Deadline: 3-23-17

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

April 3 9am-Noon Cost: \$0

Allen County: FACT

OSU Lima Campus, Life & Physical Science Bldg, Room 100,
4240 Campus Dr, Lima, OH 45804. RSVP Required by 3-30-17

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

April 4 6pm-9pm Cost: \$0

Defiance County: FACT

OSU Extension , 06879 Evansport Rd, Defiance, OH 43512

RSVP Required. Registration Deadline: 3-30-17

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

April 5 1pm-4pm Cost: \$0

Henry County: FACT

Napoleon American Legion Post 300, 500 Glenwood Ave,

Napoleon, OH 43545. RSVP Required. Registration deadline 3-30-17.

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

April 6 6pm-9pm Cost: \$0
Fulton County: FACT
Robert Fulton Ag Center, 8770 St Rt 108, Wauseon – for those without pesticide licenses. RSVP encouraged.
Contact: Eric Richer, 419-337-9210, richer.5@osu.edu

April 11 1pm-4pm Cost: \$0
Putnam County: FACT
OSU Extension, 1206 E Second St, Ottawa, OH 45875
RSVP to the office by 4-7-17
Contact: Jason Hedrick, hedrick.10@osu.edu, 419-523-6294

April 12 12:30pm-3:30pm Cost: \$0
Paulding County: FACT
Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879. Registration is due by 4-3-17.
Contact: Sarah Noggle, 419-399-8225, noggle.17@osu.edu

2 Hour FACT Training

March 22 6pm-8pm Cost: 0
Wood County: Fertilizer Certification
Wood County Fairgrounds Jr. Fair Building, 13800 W Poe Rd., Bowling Green, Ohio 43402. Recertification must have pesticide license or license identification number. Educational bulletin included in registration. Registration Deadline: 3-13-17
Contact: Alan Sundermeier, 419-354-9050, sundermeier.5@osu.edu

March 29 6pm-8pm Cost: \$0
Erie County: Fertilizer Certification
Ehove Career Center, 316 Mason Rd W., Milan, OH 44846
Recertification must have pesticide license or license identification number. Educational bulletin included in registration.
Registration Deadline: 3-15-17
Contact: Tim Malinich, 419-627-7631 malinich.1@osu.edu

May 19 & May 20
Paulding County Master Gardener Plant Sale
Open: Friday 7:30 AM – 5:00 PM
Open: Saturday 7:30 AM – 12:00 PM
Location: Paulding County Fairgrounds, 503 Fairground Drive, Paulding, OH 45879 (Sale in the Block Building)
Join the Paulding County Master Gardener Volunteers at their 16th annual plant sale. For sale: annuals, perennials, vegetables, house plants, ornamentals, flowers, herbs and shrubs grown locally by our volunteers.

Livestock Production

January 11
Northwest Ohio Livestock Producer's (NWOLP) Meetings
Noon-2:30pm, cost is free, lunch provided.
Topic: Veterinary Feed Directive
Location: OSU Extension Paulding, 503 Fairground Drive, Paulding, OH 45879. Attend one or all of the series of meetings. A series of meetings with a focus on livestock production, livestock health and environmental stewardship for Livestock Producers and Agribusinesses in Northwest Ohio. Certified Livestock Manager (CLM) credits applied for: 2 hours per event. Pre-registration is required by calling (419)399-8225 or by emailing noggle.17@osu.edu to reserve a space and a free meal. RSVP due 1/6/17.

Beef Cattle School Webinar series– Crawford County
Detailed program and speakers to be announced later.
Dates include:

January 17 7pm-9pm

February 7 7pm-9pm

February 28 7pm-9pm

Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield Street, Bucyrus Ohio 44820.

This webinar based program will take a close look at each of the three primary areas of production: cow calf, backgrounding and the feedlot.
Contact: Jason Hartschuh, 419-562-8731, Hartschuh.11@osu.edu

April—June 2017

Ohio Certified Volunteer Naturalist Training—Wood County Chapter

Monday evenings and some Saturdays; Must be age 18 or older to complete application, and criminal background check; Cost \$200
Application deadline February 15, 2017
Contact: Craig Everett, 419-354-9050, everett.33@osu.edu

Horticulture

Master Gardener Volunteer Training-Lucas County

Tuesdays – February 7-March 28; 9am – 4pm, cost \$260.
RSVP by contacting Amy Stone, 419-578-6783, stone.91@osu.edu

Master Gardener Training – Hardin County

Tuesday & Thursday— March 2 thru April 20 6pm-9pm
OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH
\$150 for 8 Week Course, Refreshments & Seminar - RSVP by 2/16/17
for course. Orientation to Master Gardener Volunteer program
Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

New Master Gardener Class-Defiance County

March 2-April 27

9am-4pm, one day per week (Thursday) for nine weeks, cost \$100.
OSU Extension , 06879 Evansport Rd, Defiance, OH 43512
Registration Deadline: 1-18-17
Contact: Bruce Clevenger, 419-782-4771, clevenger.10@osu.edu

March 17 8:30 am to 4 pm

Northwest Ohio Fruit Growers Workshop

Northwest State Community College – Voinovich Auditorium,
22600 St Rt 34, Archbold, OH 43502. Program for hobby, backyard
and commercial growers. Topics covered: pears, peaches, apples,
strawberries, blackberries, hops, alternative fruits, pruning as well as
Food Safety Modernization Act and direct marketing. Cost \$50 by
March 7th or \$60 after or at the door. Download flyer and registra-
tion form at fulton.osu.edu or williams.osu.edu
Contact: Florian Chirra, chirra.1@osu.edu 419-636-5608; Eric Richer,
richer.5@osu.edu 419-337-9210

February 1 1:00-3:30 pm

New Pesticide Applicator “Crash Course” Training Session

Robert Fulton Ag Center, 8770 St Rt 108, Wauseon, OH 43567
\$20 if preregistered by 1/26/2017; \$25 at the door. Attendees are
encouraged to purchase study materials (approx. \$26) at your local
Extension office prior to the class. Course is designed to prepare new
applicators for the private CORE and Category I (grain crops) exams.
Additional personal preparation and study time is suggested.
Class limited to 20 seats.
Contact: Eric Richer, 419-337-9210, or richer.5@osu.edu

February 9 9:30am-12pm

New Pesticide Applicator “Crash Course” Training Session

Location: Youth Leadership Center, 503 Fairground Drive, Paulding,
OH 45879. \$20 if preregistered by 1/31/17; \$35 at the door.
Attendees are encouraged to purchase study materials at your local
OSU Extension office prior to the class. Course is designed to
prepare new applicators for the private CORE and Category I (grain
crops) exams. Additional personal preparation and study time is
suggested. Limited to 40 seats.
Contact: Sarah Noggle, 419-399-8225, noggle.17@osu.edu

Testing for Private and Commercial Applicator License

**Pre-register with the Ohio Department of
Agriculture (Seating is limited, so please register
early.) Web site-<http://www.agri.ohio.gov> (then
click Programs, then Pesticide and Fertilizer) Or
Phone 1-800-282-1955**

Jan. 12	OSU Extension Fulton County 8770 St Rt 108, Wauseon, OH 43567	10am
Jan. 23	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1pm
Jan. 25	OSU Extension Defiance County 06879 Evansport Rd, Suite B, Defiance, OH 43512	10am

Testing for Private and Commercial Applicator License continued ...

Feb. 8	OSU Extension Fulton County 8770 St Rt 108, Wauseon, OH 43567	10am
Feb. 27	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I. Bowling Green, OH 43402	1pm
Feb. 22	OSU Extension Defiance County 06879 Evansport Rd, Suite B, Defiance, OH 43512	10am
Mar. 6	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I. Bowling Green, OH 43402	1pm
Mar. 8	OSU Extension Fulton County 8770 St Rt 108, Wauseon, OH 43567	10am
Mar. 27	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I. Bowling Green, OH 43402	1pm
Mar. 22	OSU Extension Defiance County 06879 Evansport Rd, Suite B, Defiance, OH 43512	10am
Apr. 3	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I. Bowling Green, OH 43402	1pm
Apr. 13	OSU Extension Fulton County 8770 St. Rt. 108, Wauseon, OH 43567	10am
Apr. 24	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I. Bowling Green, OH 43402	1pm
Apr. 26	OSU Extension Defiance County 06879 Evansport Rd, Suite B, Defiance, OH 43512	10am
May 22	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I, Bowling Green, OH 43402	1pm
June 26	OSU Extension Wood County 639 S. Dunbridge Rd. Suite I. Bowling Green, OH 43402	1pm

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://aglaw.osu.edu/farm-management-tools/enterprise-budgets>

Natural Resources

February 6

Profitable Woodland Management

6pm Cost: \$15
Crawford County Courthouse, Lower Level Conference Room 112,
112 East Mansfield Street, Bucyrus, Ohio 44820
Woodlands management strategies will be discussed on making your
wood lot profitable. RSVP by 2-1-17
Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

March 1

Ohio Woodland, Water and Wildlife Conference

Ohio Woodland Stewards Program
Mid-Ohio Conference Center, Mansfield, Ohio
For more information visit the website below:
<http://woodlandstewards.osu.edu/events/workshops/ohio-woodland-water-and-wildlife-conference>

March 14

Woodland Workshop

9am-4pm Cost: \$35
Held in Collaboration-OSU Extension, Fulton and Lucas Counties;
ODNR, Division of Forestry; and the Swanton Tree Commission.
Swanton Community Center, 217 Chestnut Street, Swanton, OH
43558. Tree Diversity; Tree ID (indoors and outdoors); Wildlife: By
Invitation and Conflict; What Can You Do With Your Woods;
Sustainable Management Goals; Management of Invasives; and
Thinning the Woods. More information coming soon online at
www.woodlandstewards.osu.edu or contact Amy Stone,
419-578-6783, stone.91@osu.edu

registered by February 1, 2017; Lunch included; Registration after 2/1/17 and at the door \$75; Paulding County Scholarships to cover the cost of this event are available for local participants.
Contact: Sarah Noggle 419-399-8225, noggle.17@osu.edu

March 2

"Planning for the Future of Your Farm"

9:30am-4pm

Vanguard Career and Tech Center, 1306 Cedar Street, Fremont, OH 43420. Topics include farm succession and estate planning, transferring skills and assets, and how to have conversations on farm planning. Speakers Robert Moore, Wright and Moore Law Company, and David Marrison, OSU Extension. \$20.00 includes lunch and handouts. Reservations by 2/15/17
Contact: Al Gahler, 419-334-6340, gahler.2@osu.edu

March 6 & March 20

Crawford County Grain Marketing and Farm Management

6:30 pm

Cost: Register by February 27th \$5.00 and Registrations after that will cost \$15.00. Crawford County Courthouse, Lower Level Conference Room 112, 112 East Mansfield Street Bucyrus Ohio 44820.

This two part program can be attended as a series or if your schedule only allows for one night you won't be lost. One night we will have a corn market outlook and the other will be a soybean market outlook. Mixed in with these two will be discussing types of grain marketing programs and how to determine what your risk capacity is.

Contact: Jason Hartschuh, 419-562-8731, hartschuh.11@osu.edu

March 31

Women in Ag Conference—Wood County

8am-3pm, Nazareth Hall, 21211 W. River Rd., Grand Rapids, OH 43522. Registration fee \$45 includes morning continental breakfast and lunch. Registration deadline March 10.

Contact: Kelly Gonyer, 419-354-9050 or gonyer.1@osu.edu

Link: <https://www.facebook.com/Womeninagnwo>

Testing for Private and Commercial Applicator License continued ...

July 24	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1 pm
Aug. 28	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1 pm
Sep. 25	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1 pm
Oct. 23	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1 pm
Nov. 27	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1 pm
Dec. 18	OSU Extension Wood County 639 S. Dunbridge Rd. Suite 1. Bowling Green, OH 43402	1 pm

Agronomy & Soil Health

January 10, 24 & February 7, 21

Conservation Tillage Club Breakfast Series-Hardin County

7:30am-9am

Plaza Inn Restaurant, 491 S Main Street, Mount Victory, OH 43340
Topics in 2017 are: Precision Ag (John Fulton), Weed Control (Jeff Stachler), Grain Marketing Outlook (Cal Whewell), Soil Health (Steve Baker). CCA Credits will be offered. Free breakfast.
Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

Ag Council-Hardin County

January 13

February 3

March 3

April 7

7a-8:30 am Henry's Restaurant, 995 N Detroit, Kenton, OH

Breakfast Cost – No RSVP

Roundtable Discussion of County Agriculture

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

January 19

Putnam County Agronomy Night-Putnam County

6:30pm-9:30pm

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

RSVP to office by 1-16-17

Contact: Jason Hedrick, hedrick.10@osu.edu, 419-523-6294

January 20

Corn/Soybean Day – Fulton County

8:30am-4:30 pm

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

\$40 Preregistration (postmarked by January 11th)

\$60 after January 11th, or at the door, space permitting.

OH PAT credits: 1.5 hrs Category I only

MI PAT credits: 5 hours

Commercial PAT credits: 1.0 hr Category 2A, .5 hr Category 2D

FACT credits (1:30-4:30 pm): 3 hr certification for any farmer

CCA credits: 5.5 hours IPM, SW, CM, NM, and MM

Contact: Eric Richer, richer.5@osu.edu or 419-337-9210

January 25

Agronomy Day – Paulding County

9:30am-3:30pm

Location: Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879. This event will focus on crop updates, research review, weed management and precision agriculture. Vendors will be onsite for options for technology and new products. Speakers: John Fulton, Mark Loux, Sarah Noggle. PAT & CCA Credits Applied for. \$35 Pre-registration (postmarked by January 13th). \$60 at the door or for registration after January 13, 2017.

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

January 31

Agronomy Webinar

7pm-8:30pm, Hardin County Extension, 1021 W Lima, Kenton, OH
Corn Production – Peter Thomison, and Corn Diseases – Pierce Paul
Free-RSVP by January 24

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

\$60. Includes box lunches, workbook, and computer simulator. No take-home software provided. Contact: Eric Richer, richer.5@osu.edu, www.fulton.osu.edu or 419-337-9210 for more information.

January 26

2017 Farm Outlook Meeting-Defiance County

6pm-9pm

Topics: Speculation on President Trump's Policy Agenda and What are Grain Markets Telling Us?, Carl Zulauf, Emeriti OSU Extension. Examining Land Values, Rents, Crop Input Costs & Margins 2017, Barry Ward, Assistant Professor & Leader Production Business Management, OSU Extension, AEDE. Farm & Estate Tax Laws-Planning for an Uncertain Future, David Marrison, OSU Extension, Associate Professor & Extension Educator for Agriculture & Nat. Resources. Location: Jewell Community Center, 7900 Independence Rd, Defiance, OH 43512. Cost \$15/person or \$30 at the door (includes dinner). Payment to OSU Extension Defiance County office: check, cash or credit card. <http://defiance.osu.edu/>
RSVP by Jan. 19, call 419-782-4771.

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

February 7, 14, 21, 28 - Tuesday evenings, 6:30pm-9pm

Farm Management Series - Fulton County

Robert Fulton Ag Center, 8770 St. Rt. 108, Wauseon, OH 43567
For farms/farmers who want to better know and analyze their numbers for profitability. Registration form can be downloaded at www.fulton.osu.edu Cost is \$40 for the 4-night series.
Content to be covered: Grain marketing, crop insurance basics, farm financial statements, cost of production, accrual accounting vs. cash accounting, and enterprise record keeping.
Contact: Eric Richer, richer.5@osu.edu, 419-337-9210

February 15

AgricultuHER; Women in Agriculture-Paulding County

9:30am-2:30pm – Lunch Provided

Location: Paulding County Extension Office, 503 Fairground Drive, Paulding, OH 45879. One-day intensive educational program intended for the female producer or farm wife. This class will be tailored toward farm financial management including cash rental agreements, Microsoft Excel basics, and balancing farm and family life. A laptop computer or tablet would be helpful to be brought to this meeting. Cost \$50 pre-

- **January 26 - Session 2**

6:00-9:00 pm OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP
Appropriate Land Use – Walk the Farm

- **February 2 - Session 3**

6:00-9:00 pm OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP
Sources of Assistance: Overview of County resources; OSU Extension, government agencies and programs, (i.e. CAUV, EQIP, Grants)

- **February 9 - Session 4**

6:00-9:00 pm OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP
Legal, Insurance, Business Structure: Fence laws, liabilities, insurance needs.

- **February 16 - Session 5**

6:00-9:00 pm OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP
Natural Resources: Forestry, timber marketing, wildlife, ponds, etc.

- **February 23 - Session 6**

6:00-9:00 pm OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP
Financial & Production Record -Keeping and Taxes: Balance sheet and record keeping.

- **March 2 - Session 7**

6:00-9:00 pm OSU-Lima Campus, 60 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP
Marketing: Direct marketing, cooperatives, agri-tourism, bed & breakfast, niche markets.

- **March 9 - Session 8**

6:00-9:00 pm OSU-Lima Campus, 60 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP by January 2. Extension/ Table Top Discussion: Ask the Extension expert, enterprise exploration of livestock and horticulture opportunities.
Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

January 26 and 31 9am-3pm

Data Management with SMS Software Series

Robert Fulton Ag Center, 8770 St. Rt. 108, Wauseon, OH 43567
Don't know what to do with that harvested data? Want to write simple prescriptions? Need to export data? All this plus queries, soil survey data, field boundaries, reports, and more at this 2 day series. Must be preregistered by January 20th. Class limited to 10 seats. Cost

February 2

Northern Ohio Crops Day—Sandusky County

9am-4pm, “Ole Zim’s” Wagon Shed, 1375 N. SR 590, Gibsonburg OH 43431. Intended for farmers, CCAs and industry personnel; \$15 fee—includes lunch. RSVP to the office by 1-26-17 (Private Pesticide Applicator credits for additional \$35 fee)
Credits available for Certified Crop Advisors
Contact: Al Gahler, 419-334-6340, gahler.2@osu.edu

February 10

Cover Crop Workshop

8:30am–3:30pm
Plaza Inn Restaurant – 491 S Main, Mt. Victory, OH
\$25 for Workshop, Lunch, Snacks & Materials - RSVP
Cover Crops Part II: Benefits, what to plant, when to plant, how to plant, how to terminate, mixes, voles, moles, and slugs – Jim Hoorman & Alan Sundermeier. RSVP by January 27
Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

February 16

Agronomy Day—VanWert County

8:30am-3:30pm
Van Wert County Fairgrounds, Jr Fair Building, 1055 S Washington St, Van Wert, OH 45891. Cost \$15. RSVP to office by 2-13-17.
Contact: Curtis Young, young.2@osu.edu, 419-238-1214

February 22

Good Agriculture Practices (GAP) Training

6:00 – 9:00 pm
Toledo GROWs
Robert J. Anderson Agriculture Training Center, 900 Oneida Street, Toledo, Ohio 43608. Cost \$20
RSVP by contacting Amy Stone, 419-578-6783, stone.91@osu.edu

Mar 7 & 8

Conservation Tillage Conference (CTC)

8am- 6pm (All Day Event)
McIntosh Center at ONU, 402 W College, Ada, OH
\$65 per day, \$85 for both days (early bird) or \$80 per day, \$105 both days. – RSVP at ctc.osu.edu - Advanced Cover Crops, Corn

University, Manure Management, Technologies to Support On-Farm Decisions, Quantifying Soil Health, Soybean School, Conducting On-Farm Research, Transition to No-Till, and Conservation Planning CCA and CLM Credits

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu

April 3

Making Hay: From Seeding to Harvesting Workshop

6:30-9:00 pm

Hardin County Extension, 1021 W Lima, Kenton, OH

\$15 for Workshop, Refreshments and Forage Field Guide

What type of seed to plant, soil preparation, planting dates, crop monitoring, growth stages, harvest steps, dry-down, bale sizes, storage tips, quality hay, numbers & abbreviations, nutritional content and market value – Jason Hartschuh

RSVP by March 20 to Mark Badertscher, 419-674-2297,

badertscher.4@osu.edu

Farm Business Management

Women in Agriculture – Putnam County

All sessions will be held at the OSU Extension, Putnam County office located at 1206 E. 2nd St., Ottawa, OH 45875.

Each session begins at 5:30 pm with a light dinner, followed by the educational program from 6:00 to 9:00 pm. Each class is \$10 or register for all for \$50. Sessions are:

- **December 12** – Expanding Agricultural Opportunities – Contract Growing, Manure Management and More
- **January 9** – Computer Security and Smart Uses for Social Media
- **February 13** – IPM, Business Health and Legal Issues
- **March 13** – Insurance and Marketing Best Practices
- **April 10** – Beyond the Balance Sheet with Bruce Clevenger
- **May 8** – Living Wreaths and Fairy Gardens

For questions, and to RSVP, please contact Beth Scheckelhoff at: scheckelhoff.11@osu.edu, 419-592-0806

January 10

1 pm-4pm

Basic Microsoft Excel® Applications for Agriculture Workshop

Robert Fulton Ag Center, 8770 St. Rt. 108, Wauseon, OH 43567

For those with limited or no experience using spreadsheets such as MS Excel®. Space limited to 20 participants. This is a Bring Your Own Laptop (BYOL) event and you must have MS Excel® pre-loaded (version not important). Register by January 6th to 419-337-9210, www.fulton.osu.edu Cost is \$10 at the door.

Contact: Eric Richer, richer.5@osu.edu, 419-337-9210

January 17 & 24

1 pm-3:30pm each day

2 Day Computerized Farm Record Keeping with Quicken

OSU Extension Defiance County, 06879 Evansport Rd, Suite B, Defiance, OH 43512. \$50 per couple. RSVP by 1/12/17

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

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6:30pm-9pm each day

2 Day Computerized Farm Record Keeping with Quicken

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

January 25

Crawford County Annie's Project

5:30pm-9pm Cost: \$80.00

Location: Pickwick Place, 1875 N Sandusky Ave, Bucyrus, OH 44820

Program will be held every Wednesday for *6 weeks; January 25, February 1, February 8, February 15, February 22, and March 1.* This is a 6 week program specially designed to empower farm women to be better business partner through networks and by managing and organizing critical information. For more information visit crawford.osu.edu or call 419-562-8731.

Registration deadline: January 18, 2017

New & Small Farm College

• **January 19 - Session I**

6:00-9:00 pm OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH. \$150 for 8 Week Course, Meals & Tour - RSVP

Getting Started: Goal setting, family matters, business planning, budgeting, resources.

Contact: Mark Badertscher, 419-674-2297, badertscher.4@osu.edu