

January 2017

Ohio—Top of Ohio Region

Agriculture and Natural Resources Newsletter

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Ohio State University Extension
Miami County
201 West Main Street
Courthouse
Troy, OH 45373-3263



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

OHIO STATE UNIVERSITY EXTENSION
Ag & Natural Resources Staff in Top of Ohio

This newsletter is to highlight upcoming agricultural and natural resources programs for OSU Extension's Top of Ohio region.

If you would like to receive regular communication regarding up-to-date programs and events offered by OSU Extension in your county, contact the corresponding educator below to subscribe to the county email list.

Auglaize County
auglaize.osu.edu
Jeff Stachler
419-739-6580
stachler.1@osu.edu

Logan County
logan.osu.edu
Vacant
937-559-4227

Champaign County
champaign.osu.edu
Amanda Douridas
937-484-1526
douridas.9@osu.edu

Mercer County
mercerc.osu.edu
Dennis Riethman
419-586-2179
riethman.24@osu.edu

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Miami County
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Amanda Bennett
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Darke County
darke.osu.edu
Sam Custer
937-548-5215
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Shelby County
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Deborah Brown
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brown.1522@osu.edu

Hardin County
hardin.osu.edu
Mark Badertscher
419-674-2297
badertscher.4@osu.edu

Union County
union.osu.edu
Wayne Dellinger
937-644-8117 ext.3024
dellinger.6@osu.edu

Resources cont'd...

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 Agriculture Business Management Teams
<http://agnr.osu.edu/programs/business-management>

OSU Extension Horticulture & Specialty Crops Team
<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>

OSU Extension Farm Management

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

Farm managers have access to Enterprise budgets, Data and Statistics, and Decision Tools from the 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 are currently found at:

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

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 and 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.

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 Top of Ohio**

Recertification cost varies per location. Registration is required at all locations. You may register with the county OSU Extension Office or online at the Ohio Pesticide Applicator Site, <http://pested.osu.edu>

January 9

Shelby County 9 am-3:30 pm

West Ohio Agronomy Day
St. Michael's Hall
33 Elm Street, Ft. Loramie, OH 45845
Fertilizer Certification 9-11 am
Pesticide Applicator Recertification 11 am-3:30 pm (Core, 1, 2 & 6)
Contact: Debbie Brown email: brown.1522@osu.edu Phone: 937-498-7239

January 17

Shelby County 5-11 pm

Days Inn Sidney Conference Center
400 Folkerth Ave, Sidney, OH 45365
Pesticide Applicator Recertification 5-8:30 pm (Core, 1, 2 & 6)
Fertilizer Certification 8:30-11 pm
Contact: Debbie Brown email: brown.1522@osu.edu Phone: 937-498-7239

January 23

Auglaize County Agronomy Day (PAT and FACT training)

Featured speaker is Peter Thomison. He will speak about Maximizing Corn production.
9 to 10 AM Peter Thomison; 10 am to 12 FACT; 1-4 PAT
St. Joseph Parish Life Center,* 101 W. Pearl St., Wapakoneta, OH. Enter parking lot from Blackhoof St.
Registration fee \$35 (register at: <http://pested.osu.edu/Recert/topofohio>); preregistration deadline is January 19, 2017. Core, categories 1, 2 and 6 live and 3,4,5 video
Contact: stachler.1@osu.edu or 419-739-6580
***Behind and beside the church, lunch is on your own. Agronomy presentation at 9 a.m.**

Ohioline

Ohioline.osu.edu

Ohioline is an information resource produced by Ohio State University Extension. Ohioline provides access to hundreds of OSU Extension factsheets 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 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 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 fact sheets listed under "Resources" and one-click away from downloading on your electronic device. Our goal is to increase accessibility of our work at OSU to the general public.

Buckeye Yard and Garden onLine

bygl.osu.edu

The BYGL provides timely information about Ohio growing conditions, pest, disease, and cultural problems for backyard gardeners, commercial nurseries, garden centers, landscape business and others with an interest in keeping their yard looking good all summer long. To subscribe, send an email to bygl@osu.edu.

March 18**Farm Safety Day — Hardin County**

9:00 a.m. to 3:00 p.m.

Hardin County Fairgrounds, 14134 Letson, Kenton OH

Free—No RSVP

Youth Tractor Operation Skills for Certification Course, OSU Extension

Grain Safety Cart, and other farm safety demonstrations

More information at hardin.osu.eduContact: Mark Badertscher, badertscher.4@osu.edu or call

419-674-2297

April 4**Utilizing and Protecting Pollinators on Your Farm – Darke County**

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville,
Ohio 45331

\$5 Preregistration (must be postmarked by February 22)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215

Resources

OSU Agricultural Law and Taxation Website<http://aglaw.osu.edu>

The Agricultural Law and Taxation website is a project of the OSU Extension's Agricultural and Resource Law Program that conducts research and provides resources on legal issues that affect Ohio agriculture. Contact: Peggy Kirk Hall, J.D., Assistant Professor, Field Specialist, Agricultural & Tax Resource Law, 937-645-3123, hall.673@osu.edu; Barry Ward, Director, OSU Extension Income Tax School Program, 614-688-3959, ward.8@osu.edu.

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

A monthly electronic newsletter that highlights current and relevant information and articles to assist farm managers to improve efficiency and profitability of their farm enterprise. Issues areas include: finances, labor, legal, marketing, and human resource development.

Pesticide Recertification & Fertilizer**Certification continued...****January 24****Mercer County PAT Recertification and FACT****9 am-3 pm**

Celina Eagles Lodge

1400 E. Market Street, Celina, OH 45822

Pesticide Applicator Recertification 9-12 (Core, 1, 2 & 6)

Fertilizer Certification 1-3 pm

Contact: Dennis Riethman**email: riethman.24@osu.edu Phone: 419-586-2179****January 25****9am – 3pm****Champaign County** Community Center Auditorium

1512 South US Hwy 68, Urbana, OH 43078

Pesticide Applicator Recertification 9-12 (Core, 1,2,3,4,5 &6)

Fertilizer Certification 1-3 pm

For registration, visit <http://go.osu.edu/agevents> or call 937-484-1526***Please bring \$10.00 for lunch if staying for Fertilizer Certification****January 30****2-9 pm****OSU Extension, Logan County**

1100 S. Detroit St., Bellefontaine, OH 43311

Pesticide Recertification 2-5 pm (Core, 1, 2, 3, 4, 5 & 6)

Fertilizer Certification 6-9 pm

Contact: Annie Mead: email: mead.107@osu.edu**Phone: 937-599-4227******Seating Available for 60******January 31****9 am-3 pm****OARDC Western Branch**

7721 S. Charelston Pike, South Charleston, OH 45368

Pesticide Applicator Recertification 9 am-12 pm (Core, 1, 2, 3, 4, 5 & 6)

Fertilizer Certification 1-3 pm

Contact: Pam Bennet email: bennett.27@osu.edu**Phone: 937-521-3860****Lunch is on your own!**

Pesticide Recertification & Fertilizer Certification cont'd...

February 16

1-6:30 pm

Union County Services Center

940 London Ave, Marysville, OH 43040

Pesticide Applicator Recertification 1-4 pm (Core, 1, 2, 3, 4, 5 & 6)

Fertilizer Certification 4:30-6:30

Cost: \$35.00

Contact: Wayne Dellinger email: dellinger.6@osu.edu

Phone: 937-644-8117

February 20 9am-3:00pm Cost: \$35

Darke County: PAT and FACT

9:00am-Noon PAT and 1:00pm-3:00pm FACT (must have a pesticide license for this **FACT 2 hour training**).

Lunch will be available for \$10

PAT Categories; Core,1,2 and 6 – call in advance for 3, 4 and 5

Versailles Schools, 280 Marker Road, Versailles, Ohio

Contact: Sam Custer, custer.2@osu.edu, 937-548-5215

February 22

Pesticide Recertification and Fertilizer Applicator Certification

Evolution Ag – Plain City

13275 US 42 N, Plain City (3 miles north of US 33, 8 miles south of Delaware)

9:00am – 12:00pm Private Pesticide Applicator Recertification (Core, 1,2, & 6)

Limit 30 attendees

1:30pm-4:30pm Fertilizer Applicator Certification

No limit on attendees

For more information contact Wayne Dellinger

email: dellinger.6@osu.edu or Phone: 937-644-8117

February 28

Pesticide Recertification and Fertilizer Applicator Certification

10 am to 12 Noon Fertilizer Certification (for current pesticide license holders only)

1 pm to 4 pm Pesticide Applicator Recertification

Upper Valley Adult Technology Center

8811 Career Drive, Piqua OH 45356

Register at <http://pested.osu.edu/PrivateApplicator/testing>

Contact: Amanda Bennett, bennett.709@osu.edu or call

937-440-3945

***Lunch is on your own!**

Miscellaneous Ag Events

January 19

Intro to Beekeeping

Cost: \$5

6:30-8:30 pm

Champaign County Community Center Auditorium

1512 South US Hwy 68, Urbana, OH 43078

For registration, visit <http://go.osu.edu/agevents> or call 937-484-1526

Are you interested in keeping honeybees or would like more information to make that decision? Learn from an experienced beekeeper what you need to know about starting your own bee business.

Wednesdays: February 1—March 8

Tractor Safety & Machinery Operation for Youth— Hardin County

6:00—9:00 p.m.

Hardin County Extension, 2021 W. Main, Kenton OH

\$40.00 for 7 week course, manual & Refreshments—RSVP by Jan. 18

More information at hardin.osu.edu

Contact: Mark Badertscher, badertscher.4@osu.edu or call

419-674-2297

February 8

Using Aerial Imagery to make Agronomic Decisions – Darke County

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by February 1)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

February 8

Enhancing Social Media for Farmers Markets

8:30 a.m. to 11:30 a.m.

Hobart Center for Local Government, 510 Water St, Troy, OH

Focus on tip for enhancing social media currently used to promote your business. RSVP to bennett.709@osu.edu or 937-440-3945

March 16

Growing Hops in Ohio

7:00 pm —8:30 pm

First Baptist Church, 53 S Norwich Rd, Troy, OH 45373

\$5 pre-registration required by March 10. More information at

go.osu.edu/miamihops. Contact: bennett.709@osu.edu or 937-440-3945

January 17, February 7, and 28

Ohio Beef Cattle School Webinar—Auglaize County

Three weeks about production practices from breeding to the feedlot
7:00 to 9:00 PM, social time 6:30 PM
Auglaize County Administration Building downstairs room, 209 South
Blackhoof St., Wapakoneta, OH 45895
Preregistration due by January 16, 2017; no registration fee
Contact: stachler.1@osu.edu or 419-739-6580

January 17, February 7, February 28

Ohio Beef Cattle School—Hardin County

7:00—8:30 pm
Hardin County Extension, 1021 W Lima, Kenton
Free—RSVP one week before program date
Statewide Webinar on current Beef Cattle Topics

January 18, February 15, and March 15

Dairy Luncheon Series

Description: Topics to be presented include Dairy Economics, Animal
Welfare and Audits, and Feeding Cows in This Economic Environment
12:00 PM to 1:00 PM. Come for buffet lunch at 11:30 AM (attendee
pays for lunch)
Pizza Hut, 4575 State Route 66, New Bremen, Ohio 45869
No registration required
Contact: stachler.1@osu.edu or 419-739-6580

February 7

Ohio Beef Cattle School – Darke County

7:00 p.m.
OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio
45331
\$5 Preregistration (must be postmarked by February 1)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

February 28

Ohio Beef Cattle School – Darke County

7:00 p.m.
OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio
45331
\$5 Preregistration (must be postmarked by February 21)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 14

**Hardin County: Pesticide Recertification and Fertilizer Applicator
Certification Training**

9:00 am to 3 p.m.
Cost: \$35.00
Plaza Inn Restaurant, 491 S. Main, Mt. Victory
RSVP: pested.osu.edu
Pesticide Applicator Recertification 9-12 (Core, 1,2 & 6)
Fertilizer Certification 1—3 pm
Contact: Mark Badertscher email: badertscher.4@osu.edu
Phone: 419-674-2297

March 31

**Hardin County: Pesticide Recertification Specialty and
Make Up Video Training**

9:00 am to 2 p.m.
Cost: 35.00 RSVP by March 24
Hardin County Extension, 1021 W. Lima, Kenton
Core, Grain & Cereal Crops, Forage Crops & Livestock, Fumigation,
Fruit and Vegetable Crops, Nursery and Forest Crops, Greenhouse Crops
& Specialty Uses

March 31

Auglaize County
Pesticide Applicator Training – **Last Opportunity**
Core and Categories 1, 2, 3, 4, 5, and 6 will be offered, mostly by video
9 AM to 1:30 PM
208 S. Blackhoof St., Wapakoneta, OH 45895
Preregistration deadline March 28, 2017; space limited to 10 people; Reg-
istration fee \$35 (register at: <http://pested.osu.edu/Recert/topofohio>)
Contact: stachler.1@osu.edu or 419-739-6580

March 31

Miami County
Pesticide Applicator Training – **Last Opportunity**
Core and Categories 1, 2, 3, 4, 5, and 6 will be offered, mostly by video
9 AM to 1:30 PM
201 W Main St, Troy, OH 45373
Preregistration deadline March 29, 2017; space limited to 15 people; Reg-
istration fee \$35.
Contact: bennett.709@osu.edu or 937-440-3945

Fertilizer Applicator Certification

Do I need agricultural fertilizer certification?

The certification is required if you apply fertilizer (other than manure) to more than 50 acres of agricultural production grown primarily for sale. If you hire a co-op or other custom applicator, you do not need certification. Additionally, you must have a fertilizer certification OR Ohio Livestock Manager Certification (CLM) to apply manure from any Concentrated Animal Feeding Facility (CAFF).

How many hours do I need?

If you currently hold an Ohio Private Pesticide Applicators License, you must obtain **two** hours of fertilizer certification training. If you **DO NOT** hold an Ohio Private Pesticide Applicators License, you must obtain **three** hours of fertilizer certification training.

The deadline to be certified for agricultural fertilizer applications is September 30, 2017. A test will likely be required after this date to receive your certificate.

3 Hour FACT Training

March 6

Fertilizer Applicator Certification Training, Hardin County

6:00—9:00 pm

The Inn at ONU, 401 W. College, Ada

Free—RSVP at nutrienteducation.osu.edu

3 Hour Fertilizer Training for those with or without an Ohio Pesticide License

March 17

3 hour Fertilizer Applicator Certification Training and Chamber Ag Day – Darke County

8:30 a.m. – 2:30 p.m.

Romers, 118 E Main, Greenville, Ohio 45331

Free – Lunch Included -(must be postmarked by March 10)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 20

3 hour Fertilizer Certification

Palazzo

309 S. Main St., Botkins, OH 45895

Fertilizer Certification 2-5 pm or 6:15-9:15 pm

Light supper provided from 5-6 pm for both groups

Contact: Jeff Stachler email: stachler.1@osu.edu Phone: 419-739-6580

or Debbie Brown email: brown.1522@osu.edu Phone: 937-498-7239

Horticulture cont'd...

February 28

Plant Diagnostics First Detector Training

(For Master Gardeners, Extension Educators, Horticulture Industry Professionals)

9:30 a.m. to 1:00 p.m.

Central Services Building

1st Floor Conference Room

220 W. Livingston St.

Celina, OH

No Cost

To register for the class contact Denny Riethman

email: Riethman.24@osu.edu or Phone: 419-586-2179

March 2— April 27

Master Gardener Volunteer Training Program—Shelby County

9:00 a.m. —4:30 p.m.

\$150.00 with a \$50.00 refundable deposit due upon return of the application, plus background check. Includes presenters, a comprehensive training manual, handouts, a shirt, and light snacks.

Registration deadline: January 13, 2017

For more information or to obtain a registration packet, call 937-498-7239 or email shalby.mastergardeners@gmail.com

March 2— April 20

Master Gardener Volunteer Training Program—Hardin County

Tuesdays and Thursdays 6:00—9:00 p.m.

OSU Lima Campus, 124 Galvini Hall, 4240 Campus Drive, Lima

\$150.00 for 8 week course, RSVP by February 16

More information at hardin.osu.edu

Contact: Mark Badertscher, badertscher.4@osu.edu or call

419-674-2297

Livestock Production

January 17

Ohio Beef Cattle School – Darke County

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by January 10)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

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://go.osu.edu/farmbudgets>

Horticulture

January—December

Coffee with the Master Gardeners—Miami County

First Friday of the Month 10:00 a.m.—11:30 a.m.

Workshops and lectures presented on a different horticulture topic each month. Locations vary in Miami County. \$10-15 pre-registration required. See go.osu.edu/mgvcoffeeseries for complete schedule and registration information.

February 2—March 30

Master Gardener Volunteer Training Program—Miami County

Thursdays 8:30 a.m.—4:00 p.m.

Extension Meeting Room, 201 W Main St, Troy, OH 45373

\$200 due by January 13. More information at go.osu.edu/mgvmiami

Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

February 22—March 22

Hands-on Pruning Workshop

Wednesdays 1 pm—3 pm

Extension Meeting Room, 201 W Main St, Troy, OH 45373

\$40 due by February 17. More information at go.osu.edu/mgvmiami

Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

February 25

Fruit and Ornamental Tree Pruning Short Course

10 a.m. to 3 p.m.

Hands-on pruning and instruction offered onsite.

Location and cost to be announced. Visit miami.osu.edu/pruningshort

Contact Amanda Bennett, bennett.709@osu.edu or 937-440-3945

New Pesticide Applicator Training

January 4

Pesticide Exam Preparation – Darke County

10 a.m. to 12:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$10 Preregistration (must be postmarked by December 28)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

January 20

Pesticide Exam Preparation Workshop (Core) – Miami County

10 a.m. to 12:30 p.m.

Hobart Center for County Govt, 510 Water St, Troy, OH 45373

\$10 Preregistration - if paid on or before January 13,

ter January 13, registration fee is \$25.00 per person

For more information: www.miami.osu.edu

Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

March 1

Pesticide Exam Preparation Workshop – Darke County

10 a.m. to 12:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$10 Preregistration (must be postmarked by February 22)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 1

Pesticide Exam Preparation Workshop – Darke County

7:00 - 9 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$10 Preregistration (must be postmarked by February 22)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 28

Pesticide Exam Preparation Workshop (Core) - Mercer County

10:00 a.m. to 12:00 Noon

Central Services Building

2nd Floor Conference Room

220 W. Livingston St.

Celina, OH

No Cost

To register for the class contact Denny Riethman

email: Riethman.24@osu.edu or Phone: 419-586-2179

March 28

Pesticide Exam Preparation Workshop (Category 1 & 2) - Mercer County

1:00 p.m. to 3:00 p.m.

Central Services Building

2nd Floor Conference Room

220 W. Livingston St.

Celina, OH

No Cost

To register for the class contact Denny Riethman

email: Riethman.24@osu.edu or Phone: 419-586-2179

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 pro-
grams, then Pesticide and Fertilizer) or**

Phone 1-800-282-1955

January 11

Pesticide Applicator Licensure Exam – Darke County

9:00 a.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio
45331

Register at <http://pested.osu.edu/PrivateApplicator/testing>

Contact: Sam Custer, custer.2@osu.edu or 937.548.5215

January 24

Logan County

10:00 a.m.

Ohio High Point Career Center—check in at Front Desk

February 21

Logan County

10:00 a.m.

Ohio High Point Career Center—check in at Front Desk

Farm Business Management cont'd...

February 15

Planning for the Future of Your Farm – Darke County

Two day Workshop – February 15 and 22

9:30 a.m. – 4:00 p.m.

Romers, 118 E Main, Greenville, Ohio 45331

\$40 Preregistration – Lunch included-(must be postmarked by January
27)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

February 23

Farm Succession Planning

1:00—4:00 pm

53 S Norwich Rd, Troy, OH 45373

FREE. Must register by February 17.

More information at go.osu.edu/miamisuccession

Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

March 30

“Growing Women in Agriculture, An Empowerment Celebration”

Thursday, March 30

6:00—9:00 p.m.

St. Michael's Hall, 33 Elm Street, Fort Loramie, OH

Keynote Speaker: Shelley Tobe, Wendy's International

Breakout Sessions:

Repurposing: From Old to New

Cooking Demo, Spicy Olive

Succession Planning

4th Session being planned

Mix & Mingle Time with Heavy Hors d'Oeuvres and Wine

Goodie Bags with chocolate, Wine, other gifts

Registration by March 1st

Cost: \$20.00; a portion of this fee will support women in crisis.

Contact Debbie Brown: brown.1522@osu.edu or 937-498-7239

April 7

Ag Council

7:00—8:30 a.m.

Henry's Restaurant, 995 N. Detroit, Kenton

Free—RSVP to Hardin County Farm Bureau at 800-260-3499

Roundtable discussion of County Agriculture & Farm Bureau Ag policy

Farm Business Management cont'd...

January 19, 26, February 2, 9, 16, 23, March 2, 9, and 16 (make up date) New and Small Farm College

8 week course with topics relating to starting a new farm or developing an appropriate use for small farm acreage.

6:30 to 9:00 PM program; meal at 6:00 PM

Room GA124, Galvin Hall, OSU-Lima Campus, 4240 Campus Drive,
Lima, OH 45804

Registration fee \$150 and \$100 for second family member)

Contact: Tony Nye nye.1@osu.edu or 937-382-0901 to see if registration is still being accepted.

January 23, 30, and February 6 Advanced Farm Management School

6:30—8:30 pm

Hobart Center for County Govt., 510 Water St, Troy, OH 45373

\$30 Pre-registration required by January 18, 2017

More information at Miami.osu.edu

Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

January 27

Outlook Meeting

Grain Outlook Breakfast

8:30am-12:00pm

Der Dutchman Banquet Room

445 S. Jefferson Ave, Plain City, OH

Cost: \$10 per Union; \$15.00 per Champaign County

Registration Deadline 1/20 to the Union County Extension Office

For more information contact Wayne Dellinger

email: dellinger.6@osu.edu or Phone: 937-644-8117

February 3

2017 Ag Outlook – Darke County

12:00 p.m.

Romers, 118 E Main, Greenville, Ohio 45331

\$20 Preregistration – Lunch Included -(must be postmarked by Jan. 27)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

February 9 and 16

Computerized Farm Record Keeping Using Quicken

6:30-9pm

Champaign County Community Center Auditorium

1512 South US Hwy 68, Urbana, OH 43078

For registration, visit <http://go.osu.edu/agevents> or call 937-484-1526

Quicken software offers a simple, inexpensive cash system to electronically keep farm records. Registration limited to 10.

Testing for Private and Commercial Applicator License cont'd ...

March 15

Pesticide Applicator Licensure Exam – Darke County

9:00 a.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

Register at <http://pested.osu.edu/PrivateApplicator/testing>

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

April 3

Pesticide Applicator Licensure Exam – Mercer County

9:00 a.m.

Central Services Building

1st Floor Conference Room

220 W. Livingston St.

Celina, OH

Register at: pested.osu.edu

Contact: Denny Riethman email: Riethman.24@osu.edu or Phone: 419-586-2179

April 11

Pesticide Applicator Licensure Exam—Logan County

10:00 a.m.

Ohio High Point Career Center—check in at Front Desk

Agronomy & Soil Health

January 9

West Ohio Agronomy Day 9 am—3:30 pm

St. Michael's Hall

33 Elms Street, Ft. Loramie, OH 45845

Fertilizer Certification 9-11 am

Pesticide Applicator Recertification 11 am –3:30 pm (Core 1, 2, & 6)

Contact: Debbie Brown email: brown.1522@osu.edu

Phone: 937-498-7239

January 10

Conservation Tillage Club Breakfast

7:30-9:00 a.m.

Plaza Inn Restaurant, 491 S. Main, Mt. Victory

Free—No RSVP

Precision AG—John Fulton

CCA credits

Agronomy and Soil continued ...

January 11

Welcome to the Jungle – Weed Management 101

Weed Identification, Herbicide site of action and Managing Tough Weeds will be discussed. Featured speaker is Mark Loux.

Times: 2 sessions: 1:15 to 4:00 pm with lunch at 12:30 PM;

6:15 PM to 9:00 PM with meal at 5:30 PM

Dicke Auditorium, Wright State University – Lake Campus, 7600 Lake Campus Drive, Celina, OH

Preregistration due by January 3, 2017 and program is free, however space is limited, contact Riethman.24@osu.edu or 419-586-2179

January 17

West Ohio Agronomy Day, Evening Portion

5-8:30 pm

Days Inn Sidney Conference Center

400 Folkerth Ave., Sidney OH 45365

Pesticide Applicator Recertification 5—8:30 pm (Core 1, 2, & 6)

Fertilizer Certification 8:30—11 p.m.

Contact: Debbie Brown email: brown.1522@osu.edu

Phone: 937-498-7239

January 24

Precision Agriculture Webinar

Featured speakers John Fulton and Elizabeth Hawkins

7 to 9 pm

Auglaize County Administration Building downstairs room (enter on west side of building), 209 S. Blackhoof St., Wapakoneta, OH 45895

Preregistration deadline January 23, 2017; no registration fee

contact: stachler.1@osu.edu or 419-739-6580

January 24

Conservation Tillage Club Breakfast

7:30-9:00 a.m.

Plaza Inn Restaurant, 491 S. Main, Mt. Victory

Free—No RSVP

Weed Control—Jeff Stachler

CCA Credits

January 24

Corn, Soybean and Wheat Connection – Precision Agriculture Webinar – Darke County

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by January 17)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937.548.5215

Agronomy and Soil continued ...

April 3

Making Hay: From Seeding to Harvesting Workshop

6:30-9:00 pm

Hardin County Extension, 1021 W Lima, Kenton

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

badertscher.4@osu.edu

\$15 for Workshop, Refreshments and Forage Field Guide

Seed selection, soil prep, planting, monitoring, growth stages, harvest steps, dry-down, bale sizes, storage tips, quality hay, nutritional content and market value – Jason Hartschuh

July 11

Western Ohio Precision Ag Field Day – Darke and Miami County

8:00 a.m. – 3:00 p.m.

Location TBD. Fertilizer Certification will be offered.

For more information or to register: go.osu.edu/wohprecision

Contact: Sam Custer, custer.2@osu.edu or 937-548-5215 or Amanda

Bennett, bennett.709@osu.edu or 937-440-3945

August 17

Precision Ag Day: Fertilizer Technology

Location TBD in Champaign County

This event will feature the latest information in fertilizer technology and application. Fertilizer Certification will also be offered. Visit: <http://go.osu.edu/agevents>

for updated information.

Farm Business Management

January 5

Farm Management School – Darke County

Thursdays, January 5, 12, 19, 26 and February 2

7:00 p.m.

Andersons Marathon Ethanol

5728 Sebring Warner Road, Greenville, Ohio 45331

\$50 Preregistration (must be postmarked by December 27)

For more information or to register: www.darke.osu.edu

Contact: Sam Custer, custer.2@osu.edu or 937.548.5215

January 13, February 3, March 3

Ag Council—Hardin County

7:00—8:30 a.m.

Henry's Restaurant, 995 N. Detroit, Kenton

Breakfast cost—No RSVP

Roundtable discussion of County Agriculture

Agronomy and Soil continued ...

February 28**Corn, Soybean and Wheat Connection – Soybean Production – Darke County**

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by February 21)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215**February 28****Planter University**

8am – 4:30pm

Beck's Hybrids

720 US 40, London, OH 43140

This event is designed to help farmers and agronomists take planting to the next level. For registration (available after January 1), visit <http://go.osu.edu/agevents> or call 937-484-1526

March 7-8**Conservation Tillage Conference (CTC)**

8:00 a.m.—6:00 p.m.

McIntosh Center at ONU, 402 W. College, Ada

\$65.00 per day, \$85.00 both days (early bird) or

\$80.00 per day, \$105.00 both days

RSVP at ctc.osu.edu

CCA and CLM Credits

Do you subscribe to the CORN Newsletter? C.O.R.N. is a summary of crop observations, related information, and appropriate recommendations for Ohio Crop Producers and Industry. C.O.R.N. is produced by the Ohio State University Extension Agronomy Team, State Specialists at The Ohio State University and Ohio Agricultural Research and Development Center and sent to over 4,000 and online readership up to 30,000 per month. To subscribe visit corn.osu.edu.

Agronomy and Soil continued ...

January 31**Corn, Soybean and Wheat Connection—Corn Production and Diseases**

7:00—8:30 p.m.

Hardin County Extension, 1021 W. Lima, Kenton

Free—RSVP by January 24

Corn Production—Peter Thomison

Corn Diseases—Pierce Paul

January 31**Corn, Soybean and Wheat Connection – Corn Production and Diseases**

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio

\$5 Preregistration (must be postmarked by January 24)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215**February 1****Manure Management - Darke County****1:00 p.m.**

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by January 24)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215**February 1****Manure Management - Darke County****6:00 p.m.**

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by January 24)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215**February 7****Soybean College – Darke County**

8:00 a.m. – 4:00 p.m.

Andersons Marathon Ethanol, 5728 Sebring Warner, Greenville

\$50 Preregistration - Light Breakfast and Lunch included-(must be postmarked by February 1)

CCA credits will be available

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215

February 7**Conservation Tillage Club Breakfast**

7:30—9:00 a.m.

Plaza Inn Restaurant, 491 S. Main, Mt. Victory

Free—No RSVP

Grain Marketing Outlook—Cal Whewell

CCA credits

February 7**Waterhemp – Time to Take Action - Darke County**

6:00 p.m.

Andersons Marathon Ethanol

5728 Sebring Warner, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by February 1)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937.548.5215**February 8 & March 22****Nutrient Management Plan Writing Workshop**

9:00 a.m.—3:00 p.m.

Auglaize County Extension, 208 S. Blackhoof St., Wapakoneta

Free—RSVP to Jesse Schulze 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 be addressed per contact information above or visit go.osu.edu/nutrientplanners for more information.

February 10**Cover Crop Workshop**

8:30 a.m.—3:30 p.m.

Plaza Inn Restaurant, 491 S. Main, Mt. Victory

\$25.00 for workshop, Lunch, Snacks, Materials—

RSVP by January 27

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

February 14 & March 30**Nutrient Management Plan Writing Workshop**

9:00 a.m.—3:00 p.m.

Hardin County Extension, 1021 W. Lima, Kenton

Free—RSVP to Jesse Schulze 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 be addressed per contact information above or visit go.osu.edu/nutrientplanners for more information.

February 21**Corn, Soybean and Wheat Connection—Cover Crops and Soil Health Webinar**

7:00 p.m.

Central Services Building

1st Floor Conference Room

220 W. Livingston St., Celina, OH

No Cost

To register for the class contact Denny Riethman

email: Riethman.24@osu.edu or Phone: 419-586-2179**February 21****Conservation Tillage Club Breakfast**

7:30—9:00 a.m.

Plaza Inn Restaurant, 491 S. Main, Mt. Victory

Free—No RSVP

Soil Health—Steve Baker

CCA Credits

February 21**Corn, Soybean and Wheat Connection – Cover Crops and Soil Health – Darke County**

7:00 p.m.

OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331

\$5 Preregistration (must be postmarked by February 14)

For more information or to register: www.darke.osu.eduContact: Sam Custer, custer.2@osu.edu or 937-548-5215