January 2018

Top of Ohio Extension Region

Agriculture and Natural Resources Newsletter

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- Fertilizer Certification Training
- Agronomy & Soil Health
- Farm Business Management
- Livestock
- Horticulture
- Wildlife
- Resources
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.

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<thead>
<tr>
<th>County</th>
<th>Email</th>
<th>Phone</th>
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<tr>
<td>Auglaize County</td>
<td>auglaize.osu.edu</td>
<td>419-739-6580</td>
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<tr>
<td>Jeff Stachler</td>
<td><a href="mailto:stachler.1@osu.edu">stachler.1@osu.edu</a></td>
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<tr>
<td>Champaign County</td>
<td>champaign.osu.edu</td>
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<td>Amanda Douridas</td>
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<td>Clark County</td>
<td>clark.osu.edu</td>
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<tr>
<td>Darke County</td>
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<td>Sam Custer</td>
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<td>Mark Badertscher</td>
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<td>Logan County</td>
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<td>Mercer County</td>
<td>mercer.osu.edu</td>
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<td>Dennis Riethman</td>
<td><a href="mailto:riethman.24@osu.edu">riethman.24@osu.edu</a></td>
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<td>Miami County</td>
<td>miami.osu.edu</td>
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<td>Amanda Bennett</td>
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<td>Union County</td>
<td>union.osu.edu</td>
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<td>Wayne Dellinger</td>
<td><a href="mailto:dellinger.6@osu.edu">dellinger.6@osu.edu</a></td>
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The following are the categories in which you can be a licensed private pesticide applicator:

**CORE**—The backbone portion of the pesticide applicator's license. Core teaches you how to apply pesticides correctly and safely. All licensed applicators must receive 1 hour of CORE training to maintain your license.

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**
Application 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 8
Western Ohio Agronomy Day
St. Michael’s Hall, 33 Elm St., Fort Loramie
8:30a - 4p; breakfast starting at 8a, market update at 8:30a, lunch at 11:30a
FertRecert (1 hour)
Private Pesticide Recertification: CORE,1, 2, 6
CCA credits,
Commercial Pesticide Recertification Credits Core and 2C
Other speakers/topics
Costs:   $30 for Pesticide Recertification Credits
$10 for Fertilizer Applicator Recertification Training
$10 for “just attending” this event featuring “Food, Fun, Fellowship and Lots of InFormation”
Contact: Debbie Brown, brown.1522@osu.edu

January 16
Evening Portion of West Ohio Agronomy Day
VFW Post 4239, 2841 Wapakoneta Ave. (CR 25A), Sidney  (Look for the Tank!!)
5p – 10p; Supper and market update at 5p
Private Pesticide Recertification: CORE, 1, 2, 6
Fertilizer Applicator Recertification (1 hour) beginning at 8:45p
Costs:   $30 for Pesticide Recertification Credits
$10 for Fertilizer Applicator Recertification Training
Contact: Debbie Brown, brown.1522@osu.edu

January 22
Pesticide Recertification & Fertilizer Recertification
Mercer County
9:00 a.m. – 2:00 p.m.
$40.00 Preregistration
Celina Eagles Lodge
1400 E. Market Street, Celina, Ohio
Pesticide Recertification (Core, 1, 2 & 6)  9:00 a.m. – 12:00 noon
Fertilizer Recertification 1-2 pm
Contact: Dennis Riethman  email: riehman.24@osu.edu
Phone: 419-586-2179
January 29

Auglaize County Agronomy Day
Meets requirements for Pesticide and Fertilizer recertification
9:00 am – 3:00 pm
St. Joseph Parish Life Center (behind church) – 101 W. Pearl St., Wapakoneta, Ohio 45895
Notes: Enter parking lot from Blackhoof St.; Lunch on your own.
Featured presentation is entitled “Maximizing Soybean Production”
Preregister by January 25 by visiting following website: pested.osu.edu
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

January 30

Fertilizer and Pesticide Recertification
8:00 – 9:00 am Fertilizer Recertification $10
9:00 – 12:30 pm Pesticide Recertification $30
Registration due Jan 23
To register: http://www.cvent.com/d/wtqphz
Contact: Amanda Douridas, Douridas.9@osu.edu or 937-484-1526

February 15

Pesticide Recertification & Fertilizer Recertification
Union County Services Center
940 London Ave, Marysville, OH
1:00pm-4:00pm Private Pesticide Applicator Recertification (Core, 1,2,3,4,5, & 6)
Cost $30
4:00pm-5:00pm Fertilizer Applicator Recertification
Cost: $10
For more information contact Wayne Dellinger
email: dellinger.6@osu.edu or Phone: 937-644-8117

February 19

Pesticide Recertification & Fertilizer Recertification
Darke County
8:30 a.m. -12:30 p.m.
PAT Categories; Core,1,2 and 6 – call in advance for 3, 4 and 5
$40 Preregistration (Must be paid by February 12)
Versailles Schools, 280 Marker Road, Versailles, Ohio
Contact: Sam Custer, custer.2@osu.edu, 937-548-5215
February 23
Pesticide Recertification and Fertilizer Applicator Certification
Evolution Ag – Plain City
13275 US 42 N, Plain City (3 mi north of US 33, 8 mi south of Delaware)
9:00am – 12:00pm Private Pesticide Applicator Recertification (Core, 1,2, & 6)
Limit 100 attendees; Cost $30
1:30pm-2:30pm Fertilizer Applicator Recertification
Cost $10
Limit 100 attendees
For more information contact Wayne Dellinger
email: dellinger.6@osu.edu or Phone: 937-644-8117

February 28
Pesticide Recertification and Fertilizer Recertification
8 am to 9 am Fertilizer recertification - $10.00
9 am to 12:30 pm Pesticide Applicator Recertification—$30.00
Miami County Board of DD/Riverside Gym
1624 Troy Sidney Rd, Troy OH 45373
Register at http://www.cvent.com/d/0tqw5k
Contact: Amanda Bennett, bennett.709@osu.edu or call 937-440-3945

March 1
Pesticide Recertification & Fertilizer Recertification
5:00 p.m. – 9:30 p.m.
$40.00 Preregistration
Celina Eagles Lodge
1400 E. Market Street, Celina, Ohio
Fertilizer Recertification (1 hour) 5:00 p.m. – 6:00 p.m.
Pesticide Recertification (Core, 1, 2 & 6) 6:30 p.m. – 9:30 p.m.
Contact: Dennis Riethman  email: riethman.24@osu.edu
Phone: 419-586-2179

March 13
Pesticide Recertification & Fertilizer Recertification
9:00 am-2:00 pm
Plaza Inn Restaurant – 491 S Main, Mt. Victory, OH 43340
$40 – RSVP at pested.osu.edu, Lunch Available at Extra Cost
Core, 1, 2, and 6
1 Hour Fertilizer Recertification
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297
March 30
Last Chance Pesticide and Fertilizer Applicator Recertification Program
8:30 am – 1:30 pm
Note: Fertilizer Recertification - 8:30 am to 9:30 am Pesticide Recertification (core, 1, 2, 3, 4, 5, 6) - 9:30 am to 1:30 PM
OSU Extension Office – 208 S. Blackhoof St., Wapakoneta, Ohio 45895
Preregister by March 28 by visiting following website: pested.osu.edu
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

March 30
Fertilizer & Pesticide Recertification Specialty/Make-up Video Training
9:00 am-1:00 pm
Hardin County Extension, 1021 W Lima, Kenton, OH 43326
$40 – RSVP (Call 419-674-2297 to request categories needed)
1 Hour Fertilizer Recertification + Core, 1,2,3,4,5, 6 and 7
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

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.
This includes 28% N. If you hire a co-op or other custom applicator, you
do not need certification. Additionally, you must have a fertilizer certifica-
tion OR Ohio Livestock Manager Certification (CLM) to apply manure
from any Concentrated Animal Feeding Facility (CAFF).

How do I obtain the certification?
You must attend a three hour fertilizer applicator certification training.
These are usually offered in the winter or, in some counties, during sum-
mer field days. Ohio Department of Agriculture has announced they will
be developing a test option to obtain the fertilizer applicator certification
but details were not available at press time.

March 26
Fertilizer Applicator Certification Training (3 hours)
2 pm – 5 pm OR 6:15 pm – 9:15 pm
The Palazzo - 309 S. Main St., Botkins, OH 45306
Preregister before March 20
Free meal between 5:00 pm and 6:15 pm
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580
New Pesticide Applicator Training

January 9
Pesticide Exam Preparation – Darke County
Core and Category 1
9:00 – 3:00 – Lunch on your own
OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331
$10 Preregistration (must be postmarked by January 2)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

January 31
Pesticide Exam Preparation—Hardin County
Core and Category 1
12:30-4:30 pm
Hardin County Extension, 1021 W Lima, Kenton, OH 43326
$25 – Includes Books & Refreshments - RSVP
Pesticide Core, Grain & Cereal Crops Exam Preparation Class – Dennis Riethman & Jeff Stachler, OSU Extension
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

February 22
Pesticide Exam Preparation – Mercer County
Core and Category 1
10:00 a.m. to 3:00 p.m. - Lunch provided
Central Services Building – Second Floor Classroom
220 W. Livingston St., Celina, Ohio
Contact: Dennis Riethman email: riehman.24@osu.edu
Phone: 419-586-2179

March 13
Pesticide Exam Preparation—Miami County
Core and Category 1
9:00 a.m.—3 p.m.—Lunch on your own
Extension Meeting Room, Old Courthouse, 201 W Main St, Troy, Ohio
$10 before or on March 7; $25 after March 7
Contact: Amanda Bennett, bennett.709@osu.edu

March 22
Pesticide Exam Preparation—Auglaize County
Core and Category 1
8:30 am – 12:30 pm
Auglaize County Administration Building – 209 S. Blackhoof St., Wapakoneta, Ohio 45895
Preregister before March 19
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580
For Private Pesticide License Testing, 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

January 17
ODA Pesticide Exam
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

March 5
ODA Pesticide Exam
Central Services Building – First Floor Conference Room
220 W. Livingston St., Celina, Ohio
Register at: https://pested.osu.edu/PrivateApplicator/testing
Contact: Dennis Riethman email: riehman.24@osu.edu
Phone: 419-586-2179

March 14
ODA Pesticide Exam
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

March 29
ODA Pesticide Exam
10:00 am – 2:30 pm
Auglaize County Administration Building – 209 S. Blackhoof St., Wapakoneta, Ohio 45895
Preregister before March 27 using the following website: https://pested.osu.edu/PrivateApplicator/testing
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580
January 9
Conservation Tillage Club Breakfast
CAUV Changes, Hardin, Logan and Union County Auditor Panel
7:30am-9:00am
Plaza Inn Restaurant
491 South Main Street, Mt. Victory, OH 43340
Cost: Free, No RSVP
CCA credits
Contact Wayne Dellinger
email: dellinger.6@osu.edu or Phone: 937-644-8117
Or Mark Badertscher, Badertscher.4@osu.edu or 419-674-2297

January 11
Precision University: Nutrient Technology
9:00 – 3:00
Beck’s Hybrids PFR, London
$50 due January 5
For more information or to register: http://go.osu.edu/PrecisionU

January 12
Farmers’ Breakfast Series
Maximizing Your Farm’s Soybean Yield, Laura Lindsey
8:30am-10:00am
Der Dutchman Banquet Room
445 S. Jefferson Ave, Plain City, OH
Cost: Free
Pre-registration is required.
To Register: Call 740-852-0975 or Email griffith.483@osu.edu

January 19
West Central Ohio Weed Science Day
10:00 am – 2:30 pm
The Palazzo – 309 S. Main St., Botkins, OH 45306
Preregister before January 15
Contact: Jeff Stachler, stachler.1@osu.edu or 419.739.6580

January 30
Mercer County Soil Nutrients Workshop
7:00 p.m.
Central Services Building – First Floor Conference Room
220 W. Livingston St., Celina, Ohio
Contact: Dennis Riethman email: riethman.24@osu.edu
Phone: 419-586-2179
Feb 6
Conservation Tillage Club Breakfast
Climate and Weather, Aaron Wilson, OSU Byrd Polar & Climate Research Center
7:30am-9:00am
Plaza Inn Restaurant
491 South Main Street
Mt. Victory, OH 43340
Cost: Free
No RSVP
Contact Wayne Dellinger
e-mail: dellinger.6@osu.edu or Phone: 937-644-8117
Or Mark Badertscher, Badertscher.4@osu.edu or 419-674-2297

February 13
Darke County On-Farm Research and Manure Management Update
9:00 – 12:00
OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331
$5 Preregistration (must be postmarked by February 6)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

February 20
Conservation Tillage Club Breakfast
Soybean Populations, Elizabeth Hawkins, OSU Extension Agronomist
7:30am-9:00am
Plaza Inn Restaurant
491 South Main Street, Mt. Victory, OH 43340
Cost: Free, No RSVP
CCA Credits
Contact Wayne Dellinger
e-mail: dellinger.6@osu.edu or Phone: 937-644-8117
Or Mark Badertscher, Badertscher.4@osu.edu or 419-674-2297

February 21
Considering Organic Production?
6:30 – 8:30 PM
Champaign County Community Center Room B
Panel of Organic producers and overview of regulations
Free to attend, please RSVP for refreshments by Feb 19
Contact: Amanda Douridas, Douridas.9@osu.edu or 937-484-1526
February 26  
Waterhemp, Palmer Amaranth and Giant Ragweed Update  
6:00 p.m.  
Andersons Marathon Ethanol  
5728 Sebring Warner, Greenville, Ohio 45331  
$5 Preregistration (must be postmarked by February 19)  
For more information or to register: www.darke.osu.edu  
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 6-7  
Conservation Tillage Conference (CTC)  
8:00 am- 6:00 pm  
McIntosh Center at ONU, 402 W College, Ada, OH 45810  
$65 per day, $85 for both days (early bird) or $80 per day, $105 both days – RSVP at ctc.osu.edu  
Healthy Soils for Healthy Water, Regenerative Ag, Building Soil Health, Corn University, Manure Management, Precision Nutrient Management, Water Resource Optimization, Healthy Foods, Soybean School, Precision Conservation Management Techniques (compaction, precision applicators, tillage solutions for conservation), Alternative Crops, Conservation BMPS  
CCA and CLM Credits  
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

March 13  
Improving Your Bottom Line with Nutrients and Cover Crops  
9:15 am – 3:45 pm  
Eagles – 25 East Auglaize St., Wapakoneta, OH 45895  
Preregister before March 8  
Meal provided  
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

July 11, 12 or 13  
Western Ohio Precision Ag Field Day – Darke and Miami County  
9:00 a.m. – 3:00 p.m.  
Location TBD  
For more information or to register: www.darke.osu.edu  
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

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.
Farm Business Management

January 4, 18 and February 1
Farm Management Series
9:00 – 3:00 – Lunch provided
OSU Extension Learning Center - 603 Wagner Avenue, Greenville
$50 Preregistration (must be postmarked by December 22)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

January 5
Ag Council
7:00-8:30 am
Henry’s Restaurant, 995 N Detroit, Kenton, OH 43326
Breakfast Cost – No RSVP
Roundtable Discussion of County Agriculture
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

January 12
Ag Outlook
9:30 am - 1:00 pm (lunch provided)
Eagles – 25 East Auglaize St., Wapakoneta, OH 45895
Preregister before January 5
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

January 18
Farm Succession Workshop, Chris Bruynis, Russell Cunningham, and Richard Shirer
1:00pm-4:00pm
Union County Services Center
940 London Ave, Marysville, OH
Cost: Free
Pre-registration is required by 1/16
To Register: Call 614-932-0854 or Email richard_shirer@glic.com

January 26
Grain Outlook Breakfast, Barry Ward, Matt Roberts, and Ian Sheldon
8:30am-12:00pm
Der Dutchman Banquet Room
445 S. Jefferson Ave, Plain City, OH
Cost: $15
Registration Deadline 1/19 to the Union County Extension Office
Contact Wayne Dellinger
e-mail: dellinger.6@osu.edu or Phone: 937-644-8117
Farm Business Management cont’d

February 2
Ag Council
7:00-8:30 am
Henry’s Restaurant, 995 N Detroit, Kenton, OH 43326
Breakfast Cost – No RSVP
Roundtable Discussion of County Agriculture
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

February 2-4
Annie’s Project Retreat: Farm Management for Women
4:30 PM Friday until 11:00 AM Sunday
Western Buckeye Christian Camp, Houston
$95 per person, includes lodging, meals and materials
For more information or to register: http://go.osu.edu/anniesretreatwest

February 9
Farmers’ Breakfast Series
Top Legal Issues That will Affect Ohio Agriculture in 2018, Peggy Hall
8:30am-10:00am; Cost: Free
Der Dutchman Banquet Room, 445 S. Jefferson Ave, Plain City, OH
Pre-registration is required.
To Register: Call 740-852-0975 or Email griffith.483@osu.edu

February 13, 20, and 27
Farm Management Series
6:30 p.m. – 9:00 p.m.
$25.00 Preregistration (February 6 registration deadline)
Central Services Building – First Floor Conference Room
220 W. Livingston St., Celina, Ohio
Contact: Dennis Riethman email: riehman.24@osu.edu
Phone: 419-586-2179

February 20 & 27
Farm Record Keeping Workshop using Quicken
6:00—8:30 pm
$75.00 per farm business (2 people max.)
Deadline to register is February 9 (after Feb 9 cost is $100 per farm business (2 people max.)
OSU Extension Meeting Room, Old Courthouse
201 W. Main St., Troy OH
For more information Contact: Amanda Bennett
bennett.709@osu.edu or 937-440-3945
February 21
Balance Sheets and Record Keeping: More Valuable Now Than Ever
6:30 pm – 8:30 pm
Auglaize County Administration Building (downstairs room) – 209 S. Blackhoof St., Wapakoneta, Ohio 45895
Preregister before February 19
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

January 23
Conservation Tillage Club Breakfast
Grain Marketing Outlook, Ben Brown, OSU Farm Management
7:30am-9:00am
Plaza Inn Restaurant
491 South Main Street, Mt. Victory, OH 43340
Cost: Free, No RSVP
CCA Credits
Contact Wayne Dellinger
email: dellinger.6@osu.edu or Phone: 937-644-8117
Or Mark Badertscher, Badertscher.4@osu.edu or 419-674-2297

February 27
Farm Succession – Part I
6:00-9:00 pm
Masters Building, 10171 State Hwy. 53 N, Upper Sandusky, OH 43351
Free-RSVP to Kenton Ag Credit at (419) 675-2303 for Dinner
Overcoming Family Challenges to Farm Succession Planning - Dr. Ron Hanson, Retired-University of Nebraska-Lincoln (Sponsored by Ag Credit)
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

February 27
Farm Transition and Succession
9:30 a.m. – 4:00 p.m.
Romers, 118 E Main, Greenville, Ohio 45331
$40 Preregistration – Lunch included-(must be postmarked by February 20)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 2
Ag Council
7:00-8:30 am
Henry’s Restaurant, 995 N Detroit, Kenton, OH 43326
Breakfast Cost – No RSVP
Roundtable Discussion of County Agriculture
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297
March 9
Farmers’ Breakfast Series
What’s going on in Washington: 2018 Farm Bill and U.S. Ag Committee Update, Fred Yoder
8:30am-10:00am Cost: Free
Der Dutchman Banquet Room
445 S. Jefferson Ave, Plain City, OH
Pre-registration is required.
To Register: Call 740-852-0975 or Email griffith.483@osu.edu

March 22
Growing Women in Agriculture: An Empowerment Celebration
St. Michael’s Hall, 33 Elm St., Fort Loramie
6p-9p; Heavy Hors d’Oeuvres, Mixing/Mingling at 6p, Program beginning at 6:45p
Keynote Speaker: Dairy Carrie – Telling Our Story
Break-Out Sessions
Cost: $20 per person
Contact: Debbie Brown, brown.1522@osu.edu

March 23
2018 Ag Outlook
11:00 a.m. – 4:00 p.m.
Romers, 118 E Main, Greenville, Ohio 45331
$20 Preregistration – Lunch Included -(must be postmarked by March 15)
For more information or to register: www.darke.osu.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 27
Farm Succession – Part II
6:00-9:00 pm
Masters Building, 10171 State Hwy. 53 N, Upper Sandusky, OH 43351
Free-RSVP to Kenton Ag Credit at (419) 675-2303 for Dinner
Having Productive & Positive Conservations about Difficult Farm Succession Issues - Emily Buxton Adams and/or David Marrison, OSU Extension (Sponsored by Ag Credit)
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

April 6
Ag Council
7:00-8:30 am
Henry’s Restaurant, 995 N Detroit, Kenton, OH 43326
Free – RSVP to Hardin County Farm Bureau at 800-260-3499
Roundtable Discussion of County Agriculture & Farm Bureau Ag Policy (Sponsored by Hardin County Farm Bureau)
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297
Livestock

January 17
West Central Ohio Dairy Luncheon Series
Pre- and Post-Natal Calf Care to Maximize Milk Production
11:30 am (buffet lunch, you pay) – 1:30 pm (program noon – 1:30)
New Bremen Pizza Hut – 4575 St. Rt. 66, New Bremen, Ohio 45869
No preregistration or meeting fee
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

February 21
West Central Ohio Dairy Luncheon Series
Making Cents of Your Milk Check
11:30 am (buffet lunch, you pay) – 1:30 pm (program noon – 1:30)
New Bremen Pizza Hut – 4575 St. Rt. 66, New Bremen, Ohio 45869
No preregistration or meeting fee
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

March 21
West Central Ohio Dairy Luncheon Series
How to Change Milk Components
11:30 am (buffet lunch, you pay) – 1:30 pm (program noon – 1:30)
New Bremen Pizza Hut – 4575 St. Rt. 66, New Bremen, Ohio 45869
No preregistration or meeting fee
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

April 16
Backyard Poultry Production
Extension Meeting Room, Old Courthouse, 201 W Main St, Troy, Ohio
6 p.m. – 9 p.m. Cost: $5 per person; deadline April 11
Visit with Tim McDermott, DVM as he shares his tips and tricks to get the most out of your backyard flock. For those just starting out or those wanting to improve their flock.
Contact: Amanda Bennett, bennett.709@osu.edu

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. $10-25 pre-registration required. See go.osu.edu/mgvcoffee for complete schedule and registration information.
February 6—March 29  
**Master Gardener Volunteer Training Program—Miami County**  
Tuesday and Thursdays evenings 6:00 pm to 9:00 pm  
Miami County Dispatch Center, 201 Marybill Dr., Troy  
Intensive training in horticulture; graduates volunteer with educational programs and activities through their county Ohio State University Extension office. Open to anyone from surrounding counties  
Cost is $200.00 More information at go.osu.edu/mgvintern2018  
Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

February 15—March 22  
**Hands-on Pruning Workshop**  
Thursdays 1 pm—3 pm  
Extension Meeting Room, 201 W Main St, Troy, OH 45373  
$50 for General Public; $30.00 for out of county MGVs due by February 7.  
More information at go.osu.edu/mgvmiami  
Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945

February 21 and February 24  
**Fruit Tree Pruning Meeting and Workshop**  
7:00 PM (Feb 21) and 9:30 am (Feb 24)  
Location Feb 21: OSU Extension Learning Center - 603 Wagner Avenue, Greenville, Ohio 45331  
Location Feb 24: TBD  
$20 Preregistration (must be postmarked by February 15)  
For more information or to register: www.darke.osu.edu  
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

March 1 – April 26  
**Master Gardener Volunteer Training Program**  
Agriculture Center, 820 Fair Rd., Sidney  
Thursdays, 9a – 4p  
Intensive training in horticulture; graduates volunteer with educational programs and activities through their county Ohio State University Extension office. Open to anyone from surrounding counties.  
Cost: $150; includes manual, speakers/presentations, snacks  
Contact: Debbie Brown, brown.1522@osu.edu for application

March 6 to April 24 (Tuesdays and Thursdays)  
**Master Gardener Volunteer Training Program**  
6:00-9:00 pm  
OSU-Lima Campus, 124 Galvin Hall, 4240 Campus Drive, Lima, OH 45804  
$150 for 8 Week Course, Refreshments & Seminar – RSVP  
For a full schedule and session topics -  
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

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**Horticulture**
March 17
Art of Gardening Seminar
8:00-3:30 pm
OSU-Lima Campus, Science Building, 4240 Campus Drive, Lima, OH 45804
Cost TBD- Includes Continental Breakfast, Snacks, Lunch & Handouts – RSVP
All-day Seminar – Register Early as this Sells Out Every Year. Register
to: Allen County Master Gardeners
Contact: Gretchen Staley, allenmastergardener@gmail.com or 419-302-4234

March 19
Spring into Herbs
10:00 am -12:00 pm OR 6:00 pm—8:00 pm
Location TBD see go.osu.edu/miamispringherbs
Learn how strategies to growing herbs inside as well as out and how to preserve them for future use in cooking. Leave with recipes, samples, and notes to begin growing your own herbs!
Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945.

March 22
Native Plants Seminar
9:00-4:00 pm
Mid-Ohio Energy, 1210 W Lima Street, Kenton, OH 43326
Cost TBD - Includes Lunch & Refreshments
All-day Seminar – Native Trees, Shrubs, and Perennials. All Gardeners Welcome, Continuing Education for Master Gardener Volunteers
Contact: Mark Badertscher, badertscher.4@osu.edu or 419-674-2297

April 5
Utilizing and Protecting Pollinators
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.edu
Contact: Sam Custer, custer.2@osu.edu or 937-548-5215

April 10, May 8, June 26, July 17, August 7
Garden to Table Sessions
10:00 am -12:00 pm OR 6:00 pm—8:00 pm
Location TBD see go.osu.edu/miamisgardentable for details
These sessions can be attended as a series or a la carte and will feature a unique gardening topic each session. From planting to weeding to preserving and cooking all things from the garden.
Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945.
April 25
Rose School
6:30 pm – 8:30 pm
Miami County Extension Office, 201 W Main Street, Troy (Old Stone Courthouse)
Session will include rose types, pruning, disease, selection, care, and overall maintenance. Visit go.osu.edu/miamiroses for details and cost.
Contact: Amanda Bennett, bennett.709@osu.edu or 937-440-3945.

April 26
Weed Identification and Management in the Home Garden and Landscape
6:00 pm - 9:00 pm
Current location: 11607 Ashburn Rd., Wapakoneta, OH 45895; Call office to confirm exact location
Preregister by April 24
Space limited, so sign up early
Bring a chair and dress for the weather as we will spend some time outdoors
Contact: Jeff Stachler, stachler.1@osu.edu or 419-739-6580

Wildlife

March 21
Turkey Hunting Tactics
6:00 – 8:00 PM
Champaign County Community Center Auditorium
Hunter gear, tactics, calling, turkey habits and habitat, rules and regulations
Free to attend, please RSVP for refreshments by March 19
Contact: Amanda Douridas, Douridas.9@osu.edu or 937-484-1526

July 11 6-8pm
Fly Fishing Workshop
Fly fishing gear, tactics, fish handling, habitat and rules and regulations. Location: Mad River, Urbana. Exact TBD.
Free to attend, please RSVP for refreshments by July 9.
Contact: Amanda Douridas, Douridas.9@osu.edu or 937-484-1526

October 16 6-8pm
Deer Processing Workshop
How to skin, butcher, store and cook in a home kitchen. Location: Graham Local Schools.
Free to attend, please RSVP for refreshments by Oct 14.
Contact: Amanda Douridas, Douridas.9@osu.edu or 937-484-1526
Dec 12 6-8pm
Coyote Calling and Trapping
Learn coyote calling techniques, types of calls, habitat and trap setting.
Location: Champaign County Community Center Auditorium
Free to attend, please RSVP for refreshments by Dec 10.
Contact: Amanda Douridas, Douridas.9@osu.edu or 937-484-1526

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.

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.

OhioLine.osu.edu
OhioLine is an information resource produced by Ohio State University Extension, which provides 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 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.

Agronomic Crops Insects
aginsects.osu.edu
Aquaculture Team
https://southcenters.osu.edu

Beef Team
http://u.osu.edu/beefteam

Dairy Team
http://dairy.osu.edu

Farmoffice.osu.edu
The OSU Extension Farm Office is an umbrella to find non-production information for agricultural producers and land owners. You’ll find resources and tools to help you make informative business decisions and simplify your farm office operations.

Meat Goat Team
http://ohioline.osu.edu/factsheet/14

Poultry Team
http://u.osu.edu/poultry

Sheep Team
http://sheep.osu.edu

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

Ohio Nutrient Management Record Keeper App
www.onmrk.com
Ohio Nutrient Management Record Keeper (ONMRK) is a computerized recordkeeping system that 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.

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

OSU Women in Agriculture
u.osu.edu/ohwomeninag

OSU Extension Vegetable Team
https://hcs.osu.edu/extensionoutreach/vegetable-team

OSU Master Gardener Website
http://mastergardener.osu.edu

Top of  Ohio Ag & Natural Resources Newsletter—Jan.2018
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

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

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

Want more up-to-date info on upcoming events? Join us on Facebook and other blogs for event info and other information.

Champaign County
Facebook— “Champaign County Extension Agriculture and Natural Resources”

Clark County
Facebook— “OSUE Master Gardeners of Clark County Ohio”

Darke County
Facebook— “OSU Extension, Darke County”

Hardin County
Facebook— “Hardin County OSU Extension”

Mercer County
Facebook— “OSU Extension Mercer County”

Miami County
Facebook— “OSU Extension Miami County”
Agriculture blog—go.osu.edu/acresinmiami

Union County
Facebook— “Union County Extension Agriculture and Natural Resources”
Farm Business Analysis

Ohio Farm Business Analysis and Benchmarking Program

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

OSU Extension can help interpret the numbers behind your profits and losses, and show you how to improve your business decisions based on your farm’s analysis. To complete your analysis, we start with your beginning and ending balance sheets from the most recent business year. To fill in the year between the balance sheets, all purchases, sales, and enterprise information are used to create an Income Statement.

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

A Farm Business Analysis Technician is located at the Miami County Extension office and will work with any farm in the region. Contact us today to get started! Call 937-440-3945. Email bennett.709@osu.edu or visit https://farmprofitability.osu.edu

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

Nutrient Management Plan Writers Are Still At Work In The Western Lake Erie Basin In 2018

Nutrient Management Plan Writers are still working for the 2018 year in the Western Lake Erie Basin to write free plans for non-CAFO farmers. Our goal is to complete 65,000 acres for NMP's in 2018. These plans are written free of charge to farmers and require a small amount of your time and effort. As the plan writer we gather information that is pertinent to your farm such as your crop rotations, tillage practices, current (within three years) soil test results, yield goals, conservation goals, where water is and more. Then we take that information and work it into several computer programs to complete a NMP or CNMP for your farm. These plans may be required for many financial institutions when building new livestock structures. They may also help with your plan to apply for EQIP funding through NRCS and serve as affirmative defense through SWCD. The NMP may help you reduce your fertilizer cost and provide 4R recommendations for nutrient stewardship practices for your farm.

All four NMP Writers are available to work with anyone from the WLEB and if you would like to discuss a NMP or CNMP for your farm please contact one of us at our offices:

Jessie Schulze – Defiance County – 419-782-4771
Linda Lauber – Fulton County – 419-337-9210
Tony Campbell – Paulding County – 419-399-8225
Brittany Sieler – Wood County – 419-354-9050

You can also contact any of your county Extension Ag Educators who can forward the information to us. Check out our website at: http://agcrops.osu.edu/