

Newsletter*Perry County**April, 2018*

Dear Friends,

Spring has taken it's time getting here this year. But then again it's Ohio and we have been through this before. When the weather turns around and we head into spring planting be sure to keep safety at the top of your list.

I have included the link for the pre-recorded beef schools from this winter. You can view them anytime at: <https://www.youtube.com/user/OSUBeefTeam/feed>. If you do not have access to the links feel free to contact me, and I will be happy to set a time that you can view them at the extension office.

Beef Quality Assurance next year will be required by Wendy's and Tyson Foods, and I suspect others will start doing the same, We will be conducting a certification at Muskingum Livestock on May 8th starting at 7 pm. Do not be concerned if you cannot attend, at least two meetings will be conducted here in Perry County this year for you to attain your certification. Dates and locations will be announced later. Additional Quality Assurance meetings along with other meetings of interest can be found at: <http://u.osu.edu/beefteam/events-programs/>

Additional agriculture and natural resource information can be found at Ohio State University Extension website: <https://agnr.osu.edu/resources>.

A handwritten signature in blue ink, appearing to read "Ted Wiseman". The signature is fluid and cursive, written in a professional style.

Ted Wiseman
Extension Educator
Perry County ANR

cc. Jeff McCutcheon



UPCOMING PROGRAMS
2018**May**

4 & 5 Perry County Home & Garden Show
Perry County Fairgrounds

8 Beef Quality Assurance Certification
Muskingum Livestock Sale Barn
7:00 pm

June

12 Small Grains Field Day
Wooster, Ohio. Flyer Enclosed

21 Southeast Ohio Hay Day
Caldwell, OH., Flyer enclosed

July

14 2018 Ohio Sheep Day
Caldwell, OH. Flyer enclosed

16-21 Perry County Fair

Contact the Perry County Extension Offices for detailed information
(Registration Deadlines and Fees, etc.)

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information:
<http://go.osu.edu/cfaesdiversity>.

Farm Business Analysis and Benchmarking

Ohio Ag Manager, April 9, 2018 by: Clint Schroeder, OSU Extension

As we turn the page from winter to spring we welcome the longer days and the warmth the sunshine brings us. In farm country this is the time of year that hope is supposed to spring eternal. As farmers head to the fields, they may not be as optimistic as previous years. Although we've seen a nice winter rally in the grain markets, USDA forecasts are still predicting net farm incomes to decrease to the lowest levels since 2006. Much of the talk on the winter meeting circuit focused on the importance of knowing your cost of production. OSU Extension's Barry Ward is forecasting higher energy prices with most other input costs staying flat to slightly higher. Rising interest rates, high health care costs, a strong dollar, and the potential for uncertainty with our trading partners are doing little to brighten the mood. The dim outlook coupled with already razor thin profit margins are starting to remind some of the more seasoned producers of the 1980's farm crisis.

The farm crisis of the 1980's saw land values plummet as many operations were unable to pay high interest rates and saw their farms foreclosed on. It is estimated that nationwide around 300,000 farms were put out of business during the decade. The fallout led to the creation of the Farm Financial Standards Task Force in 1989. Their job was to develop standardized guidelines for agricultural producers. Today, the name has changed to the Farm Financial Standards Council (FFSC), which currently uses 21 financial guidelines to evaluate farm data. These guidelines are used by banks and lenders to help make decisions on extending credit to farms. While the backstory might be a little bit of the unknown to producers, the terms liquidity, working capital, solvency, and several others are not.

While farmers have been relying on OSU Extension for help with developing nutrient management plans, herbicide plans, and analyzing data from on farm research, they have not yet realized the full potential of farm financial planning. A grant was awarded from the USDA National Institute of Food and Agriculture (NIFA) to expand access to farm business analysis and benchmarking resources with the goal of helping Ohio farmers gain a better understanding of their financial health. The program gives producers a farm finance scorecard that shows how they stack up in each of the FFSC's 21 categories. These numbers are then shown on graphs showing the trend from previous years for that specific operation, as well as their standings compared to the national average of all farms that submit their records. Benchmark reports are used to identify successes and opportunities to improve. Each farm that participates in the analysis program will receive personalized benchmark reports that include their farm's numbers. These individual values are then highlighted to show where their farm falls in the benchmark report for each item compared to participating Ohio farms.

Farm Business Analysis isn't just for farms focusing on grain production. There is a large network of dairy farms, primarily in Eastern Ohio, already participating. When multiple enterprises are present, the analysis can help producers allocate expenses between different areas in their operation. Whether the farm wants to compare their crops on owned versus rented land, their crop operation compared to their livestock, or the profitability of an individual crop or custom farming operation there are tools available to analyze the data provided. It has been estimated that the value of the benchmarking data, financial scorecard, and enterprise analysis is well over \$1000. Thanks to the grant from USDA National Institute of Food and Agriculture, OSU Extension is able to provide this service at a cost of only \$100. Several lenders have also stepped up and agreed to reimburse operations that successfully complete an analysis.

If you would like more information on the program, visit our website at <https://farmprofitability.osu.edu>. There you will find the completed business summaries for previous years and other resources that can help farm businesses. The Farm Business Analysis team has also grown from the original location in Mahoning County with the addition of four new regional technicians. To learn more about Farm Business Analysis, contact the technician closest to you:

- Defiance County: Clint Schroeder, 419.782.4771, schroeder.307@osu.edu
- Licking County: David Grum, 740.670.5315, grum.1@osu.edu
- Miami County: Sharon Harris, 937.440.3945, harris.2835@osu.edu
- Pickaway County: Trish Levering, 740.474.7534, levering.43@osu.edu
- Mahoning County (Headquarters): Christina Benton, 330.533.5538, benton.132@osu.edu
 - Program Coordinator: Haley Shoemaker, 330.533.5538, shoemaker.306@osu.edu
 - Field Specialist: Dianne Shoemaker, 330.533.5538, shoemaker.3@osu.edu

Safe Digging for the Home, Yard and Farm

Spring and summer seasons seem to spark additional excavation projects for home and landowners. The entire month of April is designated as National Safe Digging Month. The goal of this awareness campaign is to remind project designers and landowners to use the 811 hotline number to determine any underground utilities. No matter how big or small the task – anything from installing fences to using large tillage tools to rip the soil crust – it's important to call 811 before the project starts. Never assume what you can't see; high optic cable, phone, water and gas lines may be in your digging zone. The national 811 hotline protects the workers and environment from dangers of underground utilities. Before any new project, call 811 before you dig.



Gaining Greater Market Access for Ohio Feeder Calves

This winter the Ohio State University Extension Beef Team recorded two programs. During the first segment of the Ohio Beef School, OSU Extension Beef Coordinator John Grimes visits with Bill Tom of United Producers, and Henry Zerby from Wendy's, about the rapidly changing demands in the beef cattle market

In part 2 of the 2018 Ohio Beef School, OSU's Francis Fluharty and Justin Kieffer discuss how an effective weaning management program enhances quality and allows for greater access to markets for Ohio feeder calves

Putting even more meaning into the statements above is the fact that Tyson Foods, who harvest and process 25% of the US beef market share, and also Wendy's, now the second largest fast food hamburger chain in this country, have both announced beginning in 2019 cattle they purchase must originate from producers and feedyards who are Beef Quality Assurance certified. Not only do today's consumers have concerns, but now the businesses who are supplying the public's demand for a quality beef product raised in a humane and sustainable fashion want some guarantees that it's happening throughout the production chain. Following the lead set by the pork industry years ago, it's safe to assume the entire beef industry will soon require BQA certification of its producers.

At the same time, with the expansion of the cow herd resulting in increased calf numbers, feeder calf buyers are also being more discriminant. Buyers increasingly demand that calves come with a weaning and health protocol that includes identification, bunk broke, castration, no horns and perhaps most importantly, to be effectively immunized against the 'shipping fever' complex of diseases. While not yet a requirement as they come to market, the necessity for a weaning and health protocol is reflected in the bids received by calves that are weaned on the truck in route to market.

Those are a few examples of concerns that will serve as the focus of the discussion you will hear in the two pre-recorded presentations featuring the insight of four different Ohio beef industry leaders.

The recordings can viewed at:
<https://www.youtube.com/user/OSUBeefTeam/feed>

April, 2018

Ohio Beef Quality Assurance (BQA) Frequently Asked Questions

April 18, 2018 *Garth Ruff, ANR Extension Educator, OSU Henry County Extension*

Q: What is BQA?

A: *Beef Quality Assurance is a nationally coordinated, state implemented program that provides systematic information to U.S. beef producers and beef consumers of how common sense husbandry techniques can be coupled with accepted scientific knowledge to raise cattle under optimum management and environmental conditions.*

Q: I've Never Been BQA Certified, Why do it Now?

A: *By 2019 Wendy's has committed to sourcing beef from only BQA Certified producers and Tyson has pledged to follow suit, also by January 1, 2019. We expect other retailers and packers will do the same. Being BQA Certified will be a producer's ticket to market access, much like the pork industry.*

Q: Who Needs to be BQA Certified?

A: *Anyone selling beef animals to be harvested for meat. This includes producers of fed beef, dairy beef, cull cows and bulls including dairy cull cows.*

Q: What Do I Need to Do to Become BQA Certified?

A: *1) Attend a training session hosted by OSU Extension. Training dates and times are posted under [EVENTS/PROGRAMS](#) at beef.osu.edu. 2) Complete online BQA training at BQA.org. Either format will require a couple of hours' time.*

Q: How Long is My Certification Good For?

A: *3 years*

Q: How Will the Cattle Buyer Know I am BQA Certified?

A: *Upon completion of BQA you will receive a confirmation that you completed the certification. It is up to you to share that information with your local stockyards to relay to the cattle buyer or you can share with the buyer when in a direct marketing scenario.*

Q: Where Can I Check My Certification Status?

A: *A data base with all certified producers will be housed at the state beef council and maintained by the state BQA coordinators.*



The Ohio Sensitive Crop Registry is changing!

Ohio's Sensitive Crop Registry has partnered with the non-profit company FieldWatch, Inc. to provide an improved mapping system for specialty crops and honey bees. The new OSCR by FieldWatch system will launch soon and replace the existing Ohio Sensitive Crop Registry system. The new tools will be BeeCheck for beekeepers, DriftWatch for commercial specialty crop producers, and FieldWatch for pesticide applicators.

What Happens Next?

You don't have to do anything right now, an official announcement will be made when the new system is launched. Existing users of the OSCR system will be contacted again with details on how to switch to the new OSCR system.

The current OSCR website will remain open for a few months during the transition, so that applicators can continue to check the map for existing

Benefits of the New System

The registry systems provided by FieldWatch are widely used across the country, with 14 member states enrolled. The tools have been developed with a wide stakeholder representation, including major producers, applicators, apiarists, manufacturers, and others in the industry.

- A new, simple and easy-to-use system for adding and searching locations.
- Improved compatibility, usable on many different browsers and devices.
- Access to a larger group of applicators (co-ops, aerial spraying, custom applicators, etc.) already using the system in other states.
- Optional email alerts are available for applicators when new sites are mapped.
- Free to use – OSCR by FieldWatch will continue to be free to access through the website. The optional downloading and live-streaming data features will require a paid membership for applicators.
- Continued privacy - users will have to create an account to see mapped locations. Locations in Ohio will not be viewable by the public.



Watch for the ODA announcement, then go to www.fieldwatch.com to sign up. Coming Soon!!!

Ohio Agricultural Law Blog--ODA proposes changes to Ohio's noxious weeds list

Wednesday, April 11th, 2018, Peggy Kirk Hall, Asst. Professor, Agricultural & Resource Law

Wild carrot, Oxeye daisy, and wild mustard will no longer be prohibited noxious weeds in Ohio if the Ohio Department of Agriculture's (ODA) revisions to the noxious weeds list become effective. ODA is proposing to remove the three plants after its five year review of plant species considered "noxious" for purposes of Ohio law. The agency is also proposing adding these 12 species to the noxious weeds list:

- Yellow Groove Bamboo (*Phyllostachys aureasculata*), when the plant has spread from its original premise of planting and is not being maintained.
- Field bindweed (*Convolvulus arvensis*)
- Heart-podded hoary cress (*Lepidium draba sub. draba*). Hairy whitetop or ballcress (*Lepidium appelianum*)
- Perennial sowthistle (*Sonchus arvensis*)
- Russian knapweed (*Acroptilon repens*)
- Leafy spurge (*Euphorbia esula*)
- Hedge bindweed (*Calystegia sepium*)
- Serrated tussock (*Nassella trichotoma*)
- Columbus grass (*Sorghum x almum*)
- Musk thistle (*Carduus nutans*)
- Forage Kochia (*Bassia prostrata*)
- Water Hemp (*Amaranthus tuberculatus*)

The director of ODA has the legal authority to designate noxious weeds. Several Ohio laws provide for control and removal of designated noxious weeds along public highways, toll roads, and railroads, and on private property. The current noxious weeds list also contains the following plants, which will remain on the list:

- Grapevines: (*Vitis spp.*), when growing in groups of one hundred or more and not pruned, sprayed, cultivated, or otherwise maintained for two consecutive years.
- Canada thistle (*Cirsium arvense L. (Scop.)*)
- Poison hemlock (*Conium maculatum*)
- Cressleaf groundsel (*Senecio glabellus*)
- Musk thistle (*Carduus nutans*)
- Purple loosestrife (*Lythrum salicaria*)
- Mile-A-Minute Weed (*Polygonum perfoliatum*)
- Giant Hogweed (*Heracleum mantegazzianum*).
- Apple of Peru (*Nicandra physalodes*)
- Maretail (*Conyza canadensis*)
- Kochia (*Bassia scoparia*)
- Palmer amaranth (*Amaranthus palmeri*)
- Kudzu (*Pueraria montana var. lobata*)
- Japanese knotweed (*Polygonum cuspidatum*)

ODA is requesting public comments on the revised list of noxious weeds through April 27, 2018. E-mail comments to ecomments@agri.ohio.gov or mail them to Legal Section, Ohio Department of Agriculture, 8995 E. Main St., Reynoldsburg, Ohio 43068. Learn more about noxious weed laws in our bulletin, <https://farmoffice.osu.edu/sites/aglaw/files/site-library/Noxious%20weed%20law%20bulletin%20revised.pdf>

Seed is Precious

C.O.R.N. Newsletter Anne Dorrance

We are off to a rough start again, saw the pictures on Facebook of replanting. So I thought I should chime in here about how precious this seed is and what a seed treatment can and cannot do. In this eastern soybean belt – we have a lot of poorly drained soil. More importantly, we also have a lot of inoculum and a great diversity of water molds, Pythium and Phytophthora, that can infect both corn and soybeans. When soils are saturated – like today and tomorrow, these water molds will form swimming spores that are attracted to the young seeds and seedlings. Based on the past 10 years of research we only see a benefit of the seed treatments when there is soil saturation, typically 2” of rain within 2 weeks of planting. Sometimes it only takes an inch of rain if the soils are “just fit” and it rains again immediately after planting.

Where we don't see a benefit, well drained and less than 1” of rain, enough to get the seed out of the ground or if there is more than 5” of rain. In these cases, submergence and flooding will suffocate the seed and it will die from abiotic injury. The soil will smell from all of the organisms that were killed.

In the lab, we routinely recover water molds from soil using soybean or corn as baits. We saturate the soil and let it incubate for 1 to 3 weeks at cool or warm temperatures; plant it with our favorite bait, saturate it again overnight and then watch all of the soybean seedlings damp-off. From most Ohio Soils, we can always recover a water mold. The fields in Ohio this spring are in the same condition as our soil baiting, the water molds are primed and ready to go. If we get a good dry spell, then it requires another round of incubation.

So while the snow, sleet, and rain fall this week remember: your seed is much safer in the storage, you spent a lot of money, it is the best germplasm your seed company had to offer. If you have to replant you are going to end up getting the 3rd or 4th best, and as we have learned in the past, possibly a variety that is not really suited to Ohio. Often these are susceptible to our resident pathogens that are not found in other parts of the north central region.

Finally, don't look at the calendar. There are several research teams here that have moved to phenology (<https://www.oardc.ohio-state.edu/gdd/>), which correlates flowering and growing degree days as the basis for when crops should be monitored for pests – perhaps we should revisit this for planting guidelines. Ultimately, the less time it takes for the seed to germinate, grow vigorously means that water molds can have less of an impact.

Tuesday, June 12, 2018 | 9:30 A.M. – 2:30 P.M.

Small Grains Field Day

Includes sessions about wheat and malting barley!



The 2018 Small Farms conference will feature multiple field topics. Participants will have the opportunity to walk through research plots, take part in hands-on activities and view equipment demonstrations.

Topics include: Growing Malting Barley in Ohio, Agronomic Considerations to produce Malting Barley, and Use of Small Grains within a Soybean Production System.

The afternoon will include a tour of your choice at either Snyder Farms or the Wheat Quality Lab on OARDC's campus. Join us to learn from experts in the field!

Both commercial and private pesticide applicator credits as well as Certified Crop Advisor (CCA) credits will be offered to field day participants.

Location: OARDC Schaffter Farm, 3240 Oil City Rd, Wooster, Ohio 44691

Cost: Early Bird Deadline of June 4: \$25 -- After June 4: \$35

Details: For a complete schedule and to register, visit: go.osu.edu/2018smallgrains

Contact information: Rory Lewandowski, lewandowski.11@osu.edu, or 330-264-8722

To Register by Mail: send name, address and phone number with a check payable to OSU to:
Julie Strawser-Moose, OSUE Ag & Nat Resources, 34 Ag Admin,
2120 Fyffe Rd, Columbus, OH 43210



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.

The logo for CFAES (College of Food, Agricultural, and Environmental Sciences) is a red square with the letters 'CFAES' in white, bold, sans-serif font.

OHIO STATE UNIVERSITY EXTENSION
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

The background of the top half of the flyer is a photograph of a hay field. A red tractor is visible in the distance, and a large round hay bale is in the foreground. The sky is overcast.

Southeastern Ohio Hay Day 2018

THURSDAY, JUNE 21, 2018 • 4:00-8:30 P.M.

Southeastern Ohio Hay Day returns in 2018. This field day will offer demonstrations of hay harvesting equipment, tradeshow exhibits, educational presentations, dinner, and door prizes. Admission is free and open to the public. For accommodation purposes, advance registration is appreciated by June 11. Mark your calendar and watch for future announcements at forages.osu.edu/events.

Eastern Agricultural Research Station

16870 Twp. Rd. 126 (Bond Ridge Road)

Caldwell, OH 43724 (Follow ST RT 215 from Belle Valley)

oardc.osu.edu/facility/eastern-agricultural-research-station

To reserve a free meal, please fill out the form below and return to Christine Gelley at the Noble County OSU Extension Office: 46049 Marietta Rd. Suite 2, Caldwell, OH 43724 or call 740-732-5681 or email gelley.2@osu.edu. Advanced registration is appreciated by June 11.

Name(s): _____

Address: _____

Phone: _____ Email: _____

Number Attending: _____ Dietary Restrictions: _____

NOBLE COUNTY EXTENSION

noble.osu.edu



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.

CFAES

SATURDAY, JULY 14, 2018, 8 A.M. – 4 P.M.

2018 OHIO SHEEP DAY



TOPICS

- Eastern Agricultural Research Station Update and Review
- Implementing a Sheep Handling System to Make Your Sheep Operation More Efficient
- Lambing Facility System That Works for a Large Sheep Operation
- Set-up of a Successful Lamb Feeding Operation
- Eastern Agricultural Research Station On-farm Sheep Research That Will Benefit the Sheep Producer
- Increasing Efficiency With Improved Fencing and Watering Systems
- Pasture Walk With the Experts



Location: Eastern Agricultural Research Station, 16870 Bond Ridge Rd., Caldwell, OH 43724

Cost: \$15 – for Ohio Sheep Improvement Association Members. \$25 for non-OSIA members. Cost includes lunch. OSIA memberships can be purchased during registration.

Contact information: Roger A. High, 614-246-8299, rhigh@ofbf.org or your county ANR Extension Educator

ohiosheep.org

oardc.osu.edu

extension.osu.edu



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.

Southeast Ohio Sheep & Goat School

A six session series throughout 2018 featuring presentations by state specialists and regional experts.

Hosted at the Eastern Agricultural Research Station in Caldwell, OH.

Sessions:

1. Sheep & Goats 101

Thursday, February 15, 2018
5:30-8:30 p.m.

- Anatomy
- Nutrition
- Reproduction
- Environment
- Behavior

2. Keeping Your Calendar

Thursday, March 8, 2018
5:30-8:30 p.m.

- Calendar Based Management
- Identifying & Fitting Your Market
- Lambing & Kidding

3. Safe Systems

Thursday, May 10, 2018
5:30-8:30 p.m.

- Predator Prevention
- Parasites
- Pathogens
- Wool & Coat Care

4. FAMACHA & Forages

Friday, July 13, 2018- Subject to Change
8:00-10:30 a.m.

- FAMACHA Training
- 10:30 a.m.-4:00 p.m.
- Ohio Forage and Grassland Council Sheep Tour (More Details to Come)

5. Reproduction

Thursday, September 6, 2018
5:30-8:30 p.m.

- Synchronization
- Artificial Insemination
- Ram & Buck Semen Testing
- Pregnancy Checking

6. Finishing

Thursday, November 8, 2018
5:30-8:30 p.m.

- Body Condition Scores
- Finishing for Market
- Carcass Evaluation & Meat Grading
- Promoting Lamb & Goat for Dinner

RSVPs Due: Two Weeks Prior to Class

**Cost: \$100 for all six sessions or
\$25 per single session
Meal Included**

**Contact: Christine Gelley-
Noble County OSU Extension**

Phone: 740-732-5681

Email: gelley.2@osu.edu

noble.osu.edu

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: <http://go.osu.edu/cfaesdiversity>



THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES