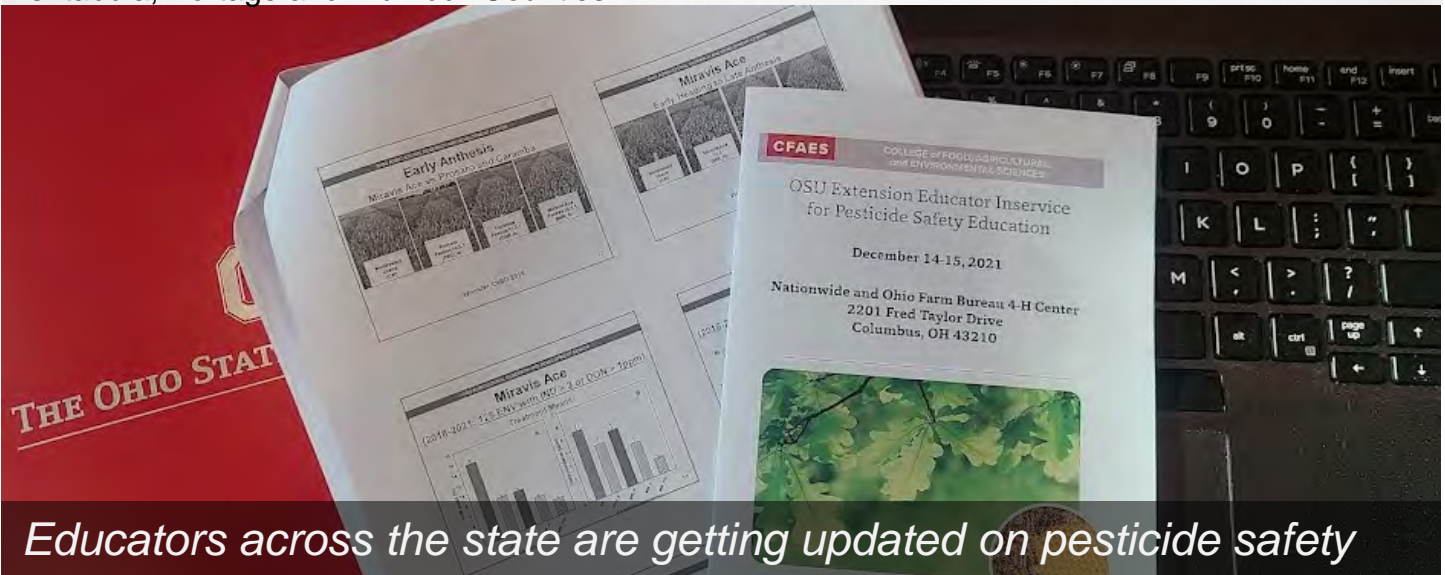


NORTHEAST OHIO AGRI-CULTURE NEWSLETTER

Your Weekly Agriculture Update for
Ashtabula, Portage and Trumbull Counties

December 14, 2021



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Hello Northeast Ohio Counties!

Ohio State Extension Educators are attending our state-wide pesticide safety in-service today. We are getting updates and information to bring to NE Ohio for our upcoming pesticide recertification classes in the new year. If your private applicator license expires in 2022, check out the PAT flyer at the end of this newsletter to find out how to sign up to get recertified.

Stay safe and stay healthy!

Lee Beers
Trumbull
County
Extension
Educator

Andrew Holden
Ashtabula
County
Extension
Educator

Angie Arnold
Portage
County
Extension
Educator

The Ag Law Harvest

By Jeffrey K. Lewis

Source: <https://farmoffice.osu.edu/blog/fri-12102021-446pm/ag-law-harvest>

Did you know that a male moose loses its antlers every year? Moose usually lose their antlers every winter and grow new ones in the spring. Additionally, because of the lack of antlers during the winter months, a moose's first line of defense is its sharp hooves, which can mortally wound a wolf or bear. This edition of the Ag Law Harvest kicks around a few USDA announcements and FDA rule proposals and sheds some light on overtime compensation for California's agricultural workers.

USDA announces new micro-farm insurance policy. The U.S. Department of Agriculture's ("USDA") Risk Management Agency ("RMA") announced that the USDA has developed a new micro farm insurance policy for agricultural producers with small-scale farms who sell locally. The new insurance policy seeks to simplify recordkeeping and introduces insurance coverage for post-production costs and value-added products. Farm operations that earn an average allowable revenue of \$100,000 or less, or for carryover insureds, that earn an average allowable revenue of \$125,000 or less are eligible for the policy. The new insurance policy will be available for the 2022 crop year. Crop insurance is sold and delivered sole through private crop insurance agents, a list of which can be found at the RMA Agent Locator.

USDA accepting applications to help rural communities get access to internet. The USDA announced that it has begun accepting applications for up to \$1.15 billion in loans and grants to help rural communities gain access to high-speed internet. The announcement follows the recently enacted infrastructure bill, which provides another \$2 billion in additional funding for USDA's ReConnect Program. According to the USDA, the funding will be available for projects that serve rural areas where at least 90% of the households lack broadband service at speeds of 100 megabits per second (Mbps) (download) and 20 Mbps (upload). The USDA will give funding priority to projects that will serve people in low-density rural areas and areas lacking internet service speeds of at least 25 Mbps (download) and 3 Mbps (upload). In making the funding decisions, the USDA will consider the economic needs of the community to be served and the extent to which a provider will offer affordable service options to the community.

FDA proposing changes to testing requirements of pre-harvest agricultural water. The Food and Drug Administration ("FDA") published a proposed rule that would change some provisions of the FDA's Produce Safety Rule. The proposed rule seeks to replace the microbial criteria and testing requirements for pre-harvest agricultural water for covered produce other than sprouts. Some of the proposed changes include:

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- Replacing the microbial quality criteria and testing requirements with new provisions for conducting pre-harvest agricultural water assessments for hazard identification and risk management purposes;
- A new testing option for certain covered farms that elect to test their pre-harvest agricultural water for generic *Escherichia coli* ("E. coli");
- Providing additional flexibility in responding to findings from pre-harvest agricultural water assessments;
- Expedited implementation of mitigation measures for known or reasonably foreseeable hazards related to certain adjacent and nearby land uses; and
- Required management review of pre-harvest agricultural water assessments.

The FDA is accepting comments on the proposed rule until April 5, 2022.

California's overtime compensation for agricultural workers. In 2016, California passed Assembly Bill No. 1066 that slowly implemented overtime wages for California's agricultural workers. Beginning in 2022, agricultural employees are entitled to one-half times their regular rate of pay for all hours worked over eight hours in any workday or over 40 hours in any workweek. However, the law only affects agricultural employers with 26 or more employees. Agricultural employers with 25 or fewer employees will be required to follow the same overtime compensation structure beginning in 2025. California will also begin to require that any work performed by an agricultural employee in excess of 12 hours in any workday be paid twice their regular rate of pay. Again, this provision only effects agricultural employers with 26 or more employees but will go into effect for all agricultural employers in 2025.

Ag Policy and Outlook Conference Recordings Available

By: Holly Davis

Source: <https://u.osu.edu/ohioagmanager/2021/12/11/ag-policy-and-outlook-conference-recordings-available/>

Each year the Department of Agricultural, Environmental, and Development Economics (AEDE) in the College of Food, Agricultural, and Environmental Sciences (CFAES) hosts the premier forum for Ohio's agricultural and food industries. Our experts cover topics and issues important to producers, agribusinesses and elected officials.

Recordings of these sessions are now available on [AEDE's YouTube channel](#). The [full playlist of all six sessions](#) can be accessed by clicking below. Topics covered include:

- Consumers, Shopping, and Local Food: What's Next?
- Now Hiring: An Ohio Food and Agricultural Labor Update

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- U.S. Trade Policy and Prospects for Agricultural Trade
- Agricultural Commodity Markets: Trends and Prospects
- Agricultural Finance Recovery
- A Conversation About the Next U.S. Farm Bill

Sessions in bold indicate AEDE faculty presenters who are available to do a winter/spring updated presentation upon request (capacity varies by presenter). Please visit our [conference website](#) to access presenter contact information if you would like to request an updated virtual session for your population, and to access PDFs of the presentations.

Winter and Spring Weather Outlooks

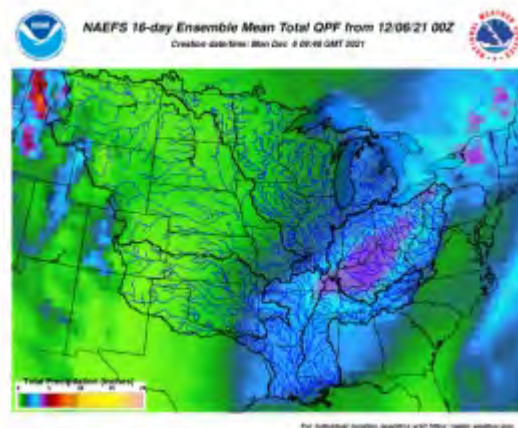
By: Jim Noel

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2021-40/winter-and-spring-weather-outlooks>

After a cooler and drier November, our attention turns to the winter and spring outlooks.

With a weak La Nina ongoing again this upcoming winter, what will it mean for Ohio? La Nina is only one of many factors that impacts our weather and climate. The outlook for December is for warmer and wetter conditions across most of the state. This pattern will likely persist into February, though January may become less wet though confidence in that is low.

We will likely have some short intense cold snaps mixed in with the warmer than normal conditions. As for snow, with the cold bursts, if timing is right, we should see more snow than last year but there is no indication of anything more than about normal snow at this time.



One note for winter is if we do not have snow on the ground when we get the cold bursts, it will make crops like wheat more vulnerable so this is worth watching. As we go into next planting season, indications are like so many springs for it to start off with normal or even a bit colder than normal temperatures and above normal precipitation. However, by May things should relax toward normal conditions. You can get the latest information on hydrology, temperature and precipitation outlooks at: <https://www.weather.gov/ohrfc/SeasonalBriefing>

In the shorter-term, the wetter pattern will result in 1-4 inches of rainfall up to the holidays across Ohio with the least in the northwest part of the state and the most in the south and east. See the attached graphic for details.

Valuing Bedded-Pack Manure

By: Glen Arnold, CCA, Field Specialist, Manure Nutrient Management

Source: <https://u.osu.edu/beef/2021/12/08/valuing-bedded-pack-manure/>

Due to the increase in fertilizer prices, there is renewed interest in the nutrient value of manure. This article will discuss bedded-pack manures that involve straw, sawdust, or wood chips to absorb moisture. The nutrients and organic matter in pen-pack manure are an excellent addition to farm fields.

The most common types of bedded manure are beef, dairy, and sheep or goats. Small ruminant bedded pack manure contains the most nutrients per ton followed by beef manure and dairy manure.

Pen-pack manure contains the macro nutrients nitrogen, phosphorus, and potash along with a host of micronutrients. The nutrient content can vary depending on species, feed products fed, and the amounts of straw or sawdust used for bedding. The farm's manure handling and storage practices also impact the nutrient content of manure. Manure stored under roof will usually maintain a higher nutrient value than manure exposed to rainfall.

Pen-pack manure nutrients are measured as pounds of nutrient per ton of manure. Typically, the nitrogen content will be 10 to 16 pounds per ton. About two pounds of this nitrogen is in the ammonium form and the remainder will be in the organic form. While ammonium nitrogen is immediately available to a growing crop, organic nitrogen takes time in a field to mineralize and become available over three or four years. The phosphorus content, in the P₂O₅ form, will usually be from 6 to 12 pounds per ton. The potash content, in the K₂O form, will usually be between 10 and 15 pounds per ton. Applying pen-pack manure can be more precise if you know the application rate being applied in tons per acre. If you are unsure how many tons per acre your solid manure spreader applies there is a simple way to make a determination. Make a tarp that is 56 inches by 56 inches (21.8 square feet). Fasten it to the ground with weights on the corners and apply manure across the tarp. Fold up the tarp and weigh the manure captured. Many people use a bathroom scales for this. One pound of manure captured on the tarp is equivalent to one ton of manure applied per acre. Thus, if you captured 10 pounds of manure the application rate was 10 tons per acre.

We always want to keep water quality in mind when handling manure. The goal is to make good use of the manure nutrients and keep the manure nutrients out of streams and ditches.

For more information about how and when to sample manure, Penn State Extension has a good publication available on-line at <http://extension.psu.edu/plants/nutrient-management/educational/manure-storage-and-handling/manure-sampling-for-nutrient-management-planning>

The Ohio Soybean Council is Now Accepting Scholarship Applications

Source: <https://www.soyohio.org/council/scholarships/>

Every year the Ohio Soybean Council Foundation has several scholarships for undergraduates and graduates. For the 2022-2023 academic year the Foundation is pleased to offer \$44,000 in scholarships.

Undergraduate applicants must be Ohio residents enrolled as full-time students at an Ohio college or university, having attained at least sophomore status by the fall of 2022, with a grade point average of 3.0 or higher.

Eligible majors include: Agricultural business, agricultural communications, agricultural education, biochemistry, bioenergy, bioengineering, biofuels, biology, biotechnology, chemistry, crop science, engineering, environmental science, food science, molecular biology, or any of the agricultural disciplines or related fields.

For more information on undergraduate scholarships and how to apply please visit [here](#).

Graduate applicants must be enrolled as full-time graduate students at an Ohio college or university. Applicants must be conducting research in:

- Bioproducts
- Biotechnology
- Biobased materials
- Bioengineering
- Biopolymers
- Or another related field

The research must be focused on advancing the soybean industry. Applicants must have proof of legal residency in the U.S.

For more information on graduate scholarships and how to apply please visit [here](#).

Please contact Madi Layman at mlayman@soyohio.org with any questions.

EXTENSION TALK: Save the Date - Agronomy School and Pollinator Symposium

By: Andrew Holden, Extension Educator, Agriculture & Natural Resources

Hello, Ashtabula County! After a decent lake effect snowstorm last week, we are now seeing some warm temps. Hopefully, the week after is cooler as I know many of us are hoping for a white Christmas. As we get closer to the end of the year, I want to wish everyone a great holiday season.

Today, I want to share some upcoming programs to put on your calendar, along with how to receive my weekly newsletter.

Save the date! The Northeast Ohio Agronomy School Returns February 23, 2022.

After not being able to hold this event in 2021, we are excited to offer this great agronomic education day again to local producers and other ag professionals. A wide variety of topics will be discussed throughout the day including corn fungal disease, tire inflation, ag drainage, nutrient management, carbon farming and credits, grain bin and dryer fire safety, with more to be announced.

We will be at a new location this year. The Agronomy School will be held at the Colebrook Community Center, downtown Colebrook at 682 US-322, Orwell, OH 44076. Mark your calendar for this day of agronomic education. The day will include snacks, lunch, and handouts as well as pesticide, fertilizer, and CCA credits being available.

Details on the cost of this program and how to register will be announced soon. If you want to be the first to know, sign up for my weekly ag newsletter. The e-newsletter is delivered directly to your email each Tuesday and includes articles on the latest issues facing agriculture, information on all types of ag, with a focus on agronomy, and all the information for any upcoming extension programming in NE Ohio. This newsletter is a one stop shop for anyone involved in agriculture in NE Ohio.

If you are not signed up already for the NE Ohio Agri-Culture Newsletter, sign up today at this link: <https://lists.osu.edu/mailman/listinfo/northeastohioag>

For questions about the agronomy day or to have us sign you up for the newsletter, please call 440-576-9008. We are also looking for local ag businesses and entities to help sponsor this event, if interested please call my office at the number above.

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The award-winning Northeast Ohio Pollinator Symposium will be holding its third annual webinar series. Think of spring and warm weather in the middle of winter with this 5 part series. The first event for 2022 will be held on January 12th at 7 P.M. with four more at the same time, every other week. Each event will last about one hour with time for questions at the end. To find out more about the webinar series or to register go to: www.go.osu.edu/neops

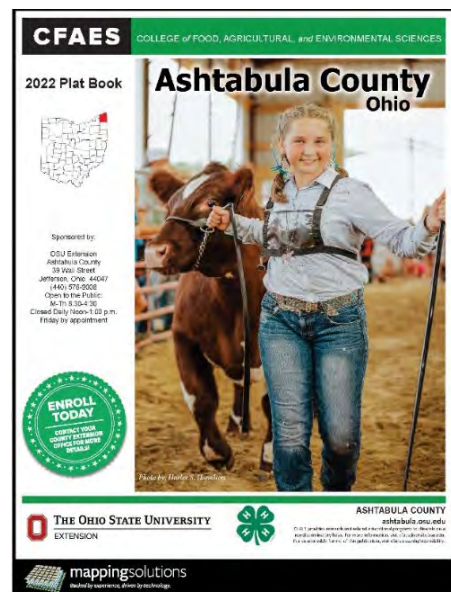
The Northeast Ohio Pollinator Symposium is a combined effort of the Ashtabula Soil and Water Conservation District, Ashtabula County Master Gardeners, Ashtabula County Beekeepers Association and OSU - Ashtabula County Extension Office. The Webinar series is free, but you do need to preregister for the series. To watch recordings from last year's program, find out more about this year's webinar series, or to register go to: www.go.osu.edu/neops

Andrew Holden is an Agriculture & Natural Resources Extension Educator for Ohio State University Extension. Andrew can be reached at 440-576-9008 or Holden.155@osu.edu

NEW 2022 Ashtabula County Plat Book NOW Available

The NEW and updated 2022 version of the Ashtabula County Plat Book is now available for \$25 + tax at Ashtabula County - OSU Extension Office located at 39 Wall Street in Jefferson. This full color edition makes the perfect gift for the hunter, hiker or outdoorsman! Traditional landownership maps by township and range, a landowner index for easy cross referencing, and other county information is all available in the new plat book. Premium wall maps are also available. Visit mappingsolutionsGIS.com for digital versions of Ashtabula County landowner maps. Mapping Solutions is the publisher. Proceeds from the sale of the books benefit the 4-H program.

Limited 2019 books are also available ON SALE for \$10 OFF the original price of \$25 + tax. For more information contact the Ashtabula County Extension Office at (440) 576-9008



Upcoming Extension Programs

The following programs have been scheduled for NE Ohio farmers. Check back each week as more programs are added to the calendar

Private Pesticide/Fertilizer Applicator Training

January 19, 2022 – Trumbull County

February 2, 2022 – Geauga County

March 1, 2022 – Portage County

March 28, 2022 – Ashtabula County

Fertilizer Certification Training

February 16, 2022 – Trumbull County Extension Office

Northeast Ohio Agronomy School

February 23, 2022 – Colebrook Community Center

Ohio Small Farm Conference

March 12, 2022 – OSU Mansfield Campus

Backyard Chickens

March 16, 2022 – Trumbull County Extension Office

Women in Ag Conference

March 25, 2022



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Ravenna, OH 44266

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portage.osu.edu

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

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2022 Northeast Ohio Private Pesticide Applicator Re-Certification & Fertilizer Application Re-Certification Sessions

Private Pesticide Applicator Re-certification:

Does your Private Pesticide Applicator's License expire on March 31, 2022? If so, OSU Extension in Northeast Ohio has planned five pesticide re-certification sessions for producers. Each of these sessions will offer 3 credits for pesticide re-certification for CORE and All Categories (1-7). Private Pesticide Applicators are encouraged to choose the session which best fits their schedule. **Cost: \$35/Person**

Fertilizer Applicator Re-Certification:

Does your Private or Commercial Fertilizer Applicators Certification expire soon? A one-hour session will be held after the pesticide session for those who need to renew their Fertilizer Application Certification. **Cost: \$10/Person**

Re-certification Programs:

- **Trumbull Co. Extension Office in Cortland, Ohio - Wednesday, January 19, 2022, 5:00 PM – 9:00 PM**
 - Pesticide starts a 5:00 PM, Fertilizer starts at 8:00 PM
 - For more information call: 330-638-6783
- **Geauga Co. Extension Office in Burton, Ohio - Wednesday, February 2, 2022, 1:00 PM – 5:00 PM**
 - Pesticide starts a 1:00 PM, Fertilizer starts at 4:00 PM
 - For more information call: 440-834-4656
- **Portage County Soil & Water Office in Ravenna - Tuesday, March 1, 2022, 1:00 PM – 5:00 PM**
 - Pesticide starts a 1:00 PM, Fertilizer starts at 4:00 PM
 - For more information call: 330-296-6432
- **Ashtabula Co. Extension Office in Jefferson, Ohio - Monday, March 28, 2022, 1:00 PM – 5:00 PM**
 - Pesticide starts a 1:00 PM, Fertilizer starts at 4:00 PM
 - For more information call: 440-576-9008
- **Online via Zoom, Wednesday, March 30, 2022, 5:00 PM to 9:00 PM**
 - More information TBA

To register for this session, complete the registration form, make check payable to OSU Extension and mail to:

Trumbull County OSU Extension, 520 West Main Street, Suite 1, Cortland, Ohio 44410

You can also register and pay via credit or debit card at this

link: <https://go.osu.edu/2022recertificationpatfact>



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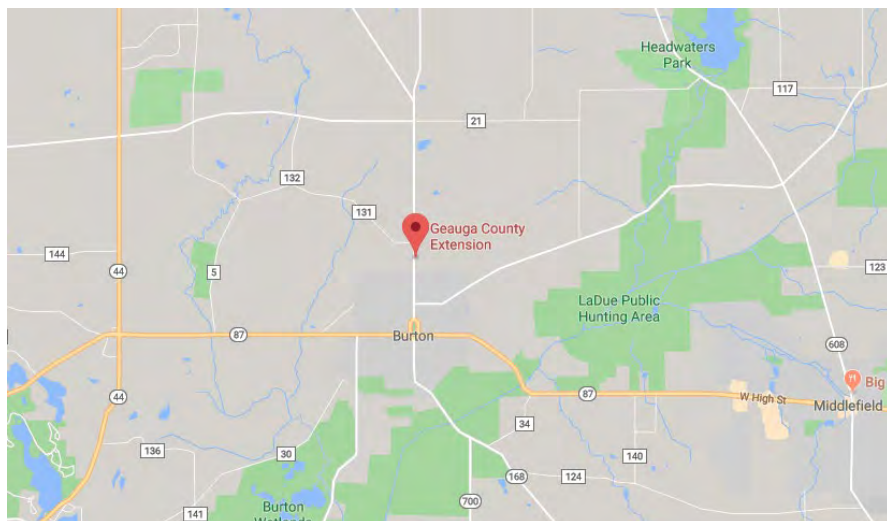
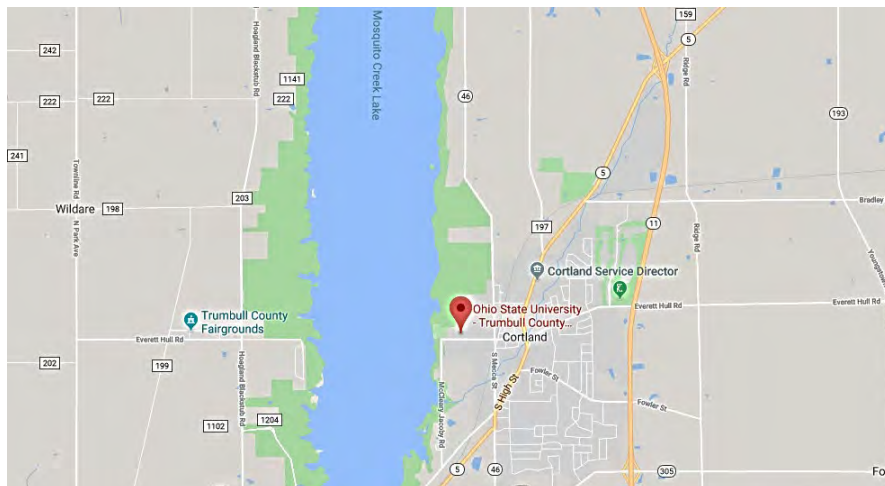
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Trumbull County
January 19, 2019

Trumbull County
Extension Office
520 West Main Street,
Cortland, Ohio 44410
330-638-6783

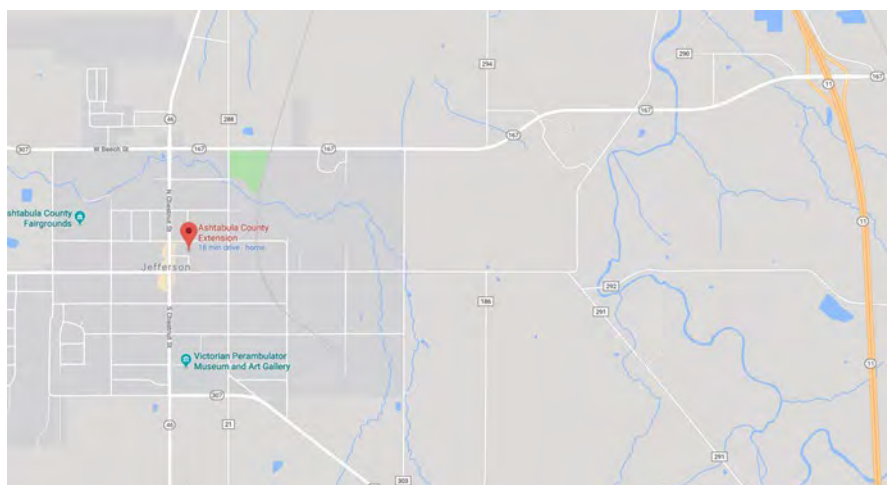
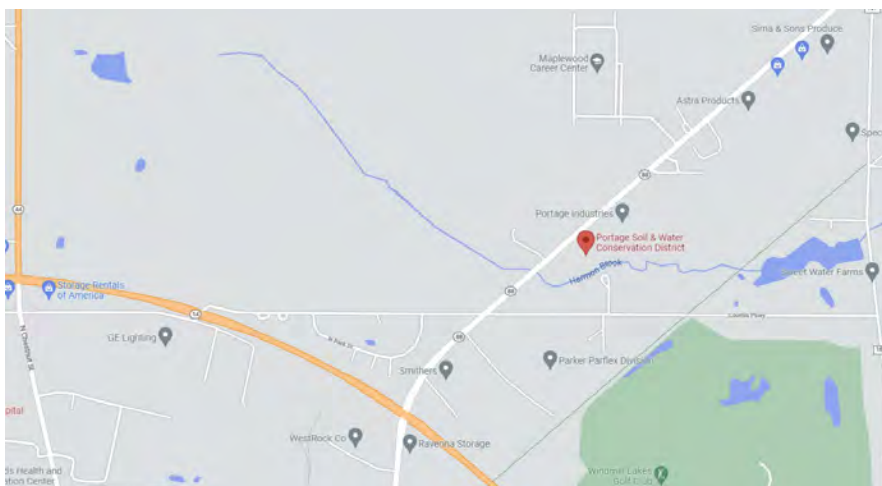


Geauga County
February 2, 2019

Geauga County
Extension Office
14269 Claridon-Troy Road,
Burton, Ohio 44021
440-834-4656

Portage County
March 1, 2022

Portage County
Soil & Water Office
6970 OH-88, Ravenna,
OH 44266
330-296-6432



Ashtabula County
March 28, 2022

Ashtabula County
Extension Office
39 Wall Street,
Jefferson, OH 44047
440-576-9008

2022 Northeast Ohio Private Pesticide Applicator Re-Certification & Fertilizer Application Re-Certification Sessions

The registration fee is \$35/per person for the private pesticide applicator re-certification. The registration fee is \$10/per person for the fertilizer re-certification session. *Pre-registration is required 7 days prior to the session date.* An additional late registration fee of \$25 per person will be added for any registration received after the registration deadline listed below.

Name_____

Pesticide Applicator Number_____

Email address_____

Phone Number _____County_____

Categories Needed for Re-certification (if known)_____

Session I will be attending (check one):

___January 19, 2022, at the Trumbull County Extension Office.

Registration due by January 12

___February 2, 2022, at the Geauga County Extension Office.

Registration due by January 26

___March 1, 2022, at the Portage Soil and Water Office.

Registration due by February 25

___March 28, 2022, at the Ashtabula County Extension Office.

Registration due by March 21

Fee Required (check all the apply):

___Private Pesticide Applicator Re-Certification (\$35 pre-registration)

___Commercial Fertilizer Applicator Certification (\$10 pre-registration)

___Late Registration Fee (\$25-if applicable)

Total Fee Due \$_____

Please send this completed form with check made out to OSU Extension, and mail to OSU Extension Trumbull County, 520 West Main St, Cortland, OH 44410



Small Swine Producers: If African Swine Fever Comes to Your Neighborhood, Are You Prepared?

Learn the signs and what to do if African Swine Fever or another foreign animal disease affects your herd. This program addresses the steps you should take, the state and federal response and biosecurity planning. Presentations provided by Ohio Department of Agriculture, USDA and The Ohio State University.

WHO: Small swine producers - even if you have just a pig or two this information is for you! But producers of any size are welcome to attend.
Veterinarians with swine clientele

WHERE AND WHEN: All Presentations 6-7:30 p.m.

December 8

Licking County Extension Office
771 E Main St., Suite 103 Newark

February 2

Champaign County Extension Office
1512 S US Highway 68, Suite B100, Urbana

January 12

Clinton County Extension Office
111 S Nelson Ave., Suite 2, Wilmington

February 16

Putnam County Extension Office
1206 E. 2nd St., Ottawa

January 19

OSU – ATI
1328 Dover Rd., Wooster

An additional presentation will be held in Southeast Ohio- date/location TBD

There is no cost to attend and no RSVP required. Light refreshments provided by Ohio Pork Council.

Any questions? Contact Dr. Kristy Shaw at 614.728.6253 or kristy.shaw@agri.ohio.gov.

