

NORTHEAST OHIO AGRI-CULTURE NEWSLETTER

Your Weekly Agriculture Update for
Ashtabula, Portage and Trumbull Counties

December 21, 2021



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Hello Northeast Ohio Counties!

We want to wish you all a Merry Christmas and Happy New Year!!

Stay safe and stay healthy!

Lee Beers
Trumbull
County
Extension
Educator

Andrew Holden
Ashtabula
County
Extension
Educator

Angie Arnold
Portage
County
Extension
Educator

Weather Update: Winter Off to a Warm Damp Start

By: Aaron Wilson

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2021-41/weather-update-winter-warm-damp-start>

Temperatures across Ohio have been running 2-6°F above average (1991-2010; Figure 1) during the month of December, almost guaranteeing another top 10 warmest year on record for the Buckeye State (1895-present). Daily average soil temperatures remain above freezing, with upper 30s to low 40s across the north and low to mid 40s across central and southern counties.

Precipitation, mainly in the form of rain, has been plentiful as well with a large portion of the state picking up 2-4 inches of precipitation since December 1. Pockets of heavier precipitation can be found across portions of southwest, north central, and southern Ohio. Snowfall has been very light, even across the snowbelt areas of the northeast, with less than 1 inch statewide.

Average Temperature (°F): Departure from 1991-2020 Normals
December 01, 2021 to December 20, 2021

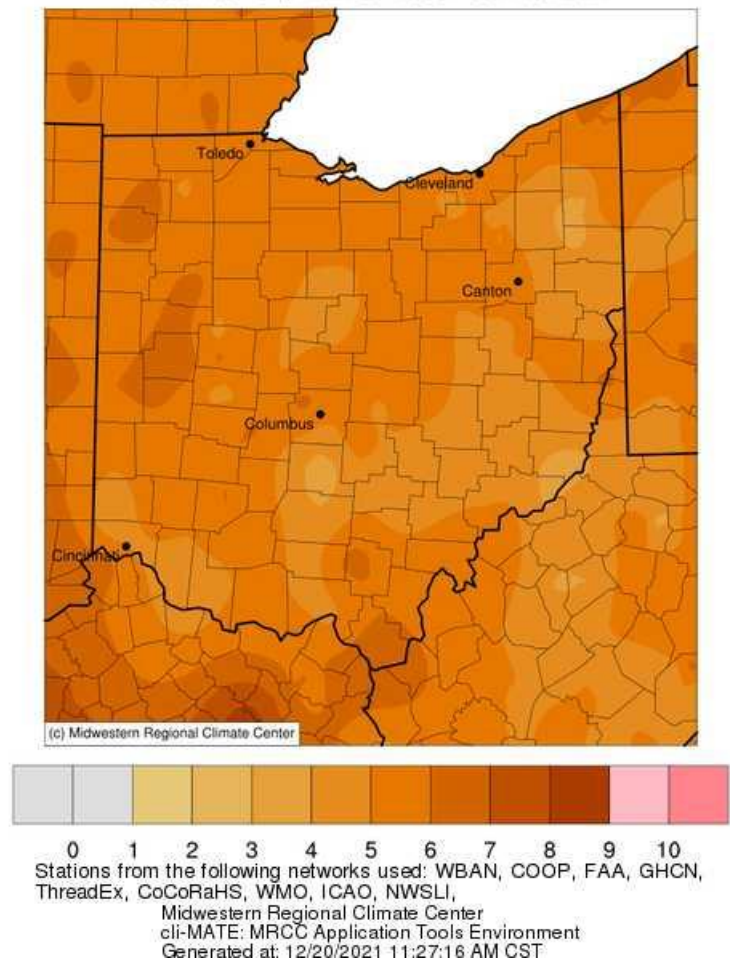


Figure 1. Accumulated precipitation for December 1 - 20, 2021. Figure courtesy of the Midwestern Regional Climate Center (<https://mrcc.purdue.edu/>).

Forecast

High pressure will remain anchored across the Ohio Valley for the next couple of days, with cool daytime highs in the upper 30s to mid 40s. A weak cold front could bring a few snow showers in its wake to northeastern counties on Wednesday along with colder temperatures statewide. A stronger low-pressure system will push toward the Great Lakes on Friday, bringing a surge of warmer air and rain showers to the region through Friday night into Christmas morning. Conditions will slowly dry out on Christmas Day with mild temperatures in upper 40s to low 50s. Seasonally average temperatures should follow for the beginning of next week. The Weather Prediction Center is currently predicting up to 0.50 inches of precipitation over the next 7 days (Figure 2).

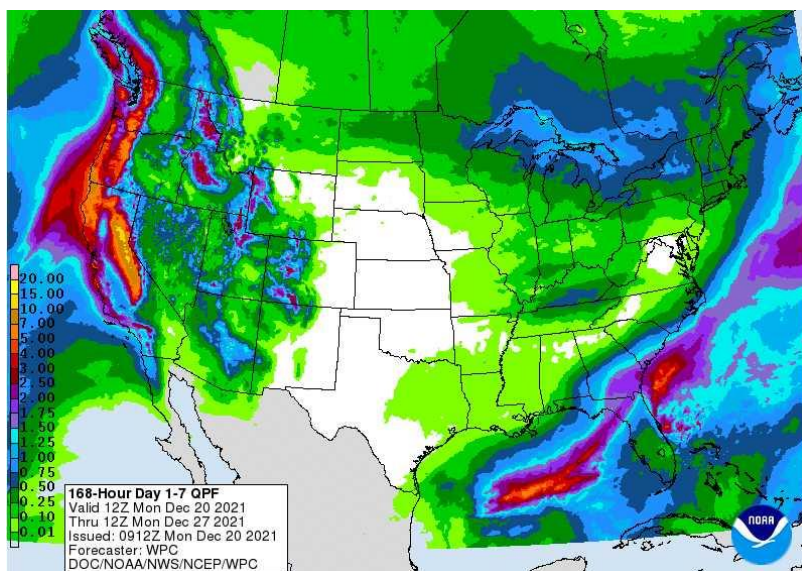


Figure 2. Precipitation forecast from the Weather Prediction Center for 7a Monday Dec 20 – 7a Monday Dec 27.

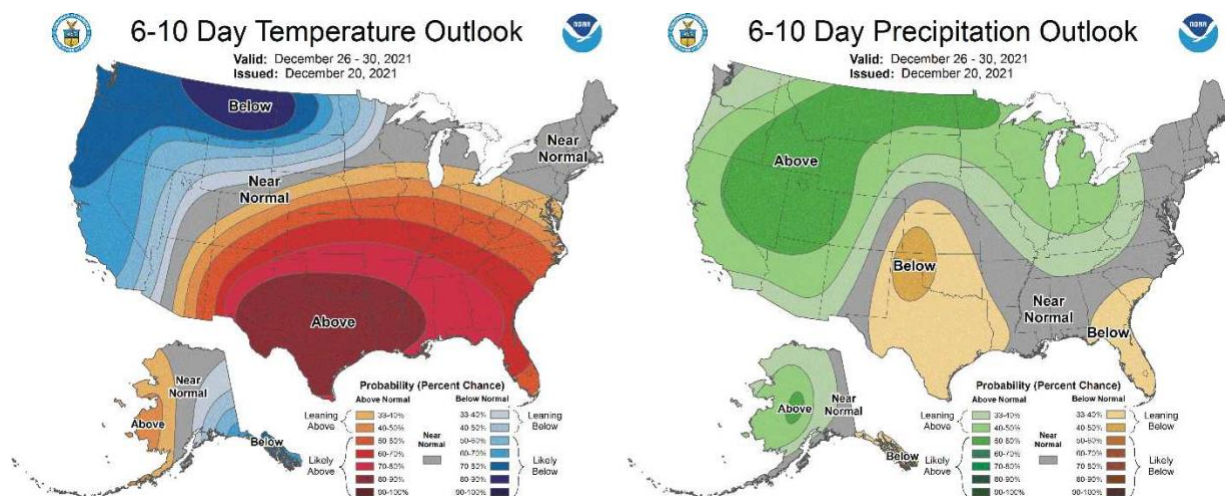


Figure 3. Climate Prediction Center 6-10 Day Outlook valid for December 26 - 30, 2021, for left) temperatures and right) precipitation. Colors represent the probability of below, normal, or above normal conditions.

The Climate Prediction Center's 6–10-day outlook for the period of December 26 - 30, 2021 and the 16-Day Rainfall Outlook from NOAA/NWS/Ohio River Forecast Center indicate that temperatures are likely to be above average with above average precipitation (Figure 3). Climate averages for this period include a high temperature range of 37-41°F, a low temperature range of 23-26°F, and average rainfall of 0.55-0.85 inches.

No Christmas Gifts for Agriculture, but some Ohio Legislation is Moving

By: Peggy Kirk Hall, Associate Professor, Agricultural & Resource Law

Source: <https://farmoffice.osu.edu/blog/mon-12202021-346pm/no-christmas-gifts-agriculture-some-ohio-legislation-moving>

The weeks since Thanksgiving have been busy ones at Ohio's Statehouse, but not a creature is stirring now as the legislature enjoys its Christmas recess. While agriculture didn't receive any final Christmas gifts from the General Assembly, a few bills advanced and may pass early next year. Here's a rundown of agricultural legislation in Ohio.

Newly introduced Ohio legislation

S.C.R. 13 – Repeal Individual Income Tax. Sen. George Lang (R-West Chester) introduced a concurrent resolution on December 9, 2021 expressing an intention for the legislature to repeal the state personal income tax within ten years. The resolution cites disincentives to reside in Ohio, repeals by other states, and business climate impacts as justification for the intent to repeal the income tax. The Senate referred the measure to its Ways and Means Committee on December 15.

H.B. 484 -- Walleye as Official State Fish. Representatives Michael Sheehy (D-Oregon) and Lisa Sobecki (D-Toledo) introduced a bill that would designate the walleye as Ohio's official state fish. The bill was referred to the House Agricultural & Conservation Committee on November 16, 2021.

H.B. 507 -- Poultry Chicks. This bill to reduce the minimum number for poultry chicks sold in lots from six to three was introduced by Rep. Koehler (R-Springfield) on December 8, 2021.

Ohio legislation on the move

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H.B. 440/S.B. 241– Agricultural Linked Deposit Program. Part of the “Ohio Gains Initiative,” these companion bills would make revisions to Ohio’s Agricultural Linked Deposit Program, which provides interest rate reductions of up to 3% on operating loans and lines of credit for farm operators and agribusinesses. The legislation would extend the program to agricultural cooperatives and replace the \$150,000 loan maximum to amounts as determined by the State Treasurer. The House passed the bill on December 9, 2021. The Senate Financial Institutions and Technology Committee reported out its bill on December 15, 2021, so the bill should head to the Senate floor soon.

H.B. 397– Agricultural Leases. For agricultural crop leases that don’t address how and when to terminate the lease, H.B. 397 would require a landlord who wants to terminate the lease to provide a written notice of termination to the tenant by September 1. The termination would be effective December 31 of the year notice is provided or on the date harvest is complete, whichever comes first. The House passed the bill on December 8, 2021 and the Senate referred it to the Senate Agriculture & Natural Resources Committee on December 15, 2021.

H.B. 321– Auctioneers. The proposal makes several revisions to auctioneers licensing, including eliminating the apprentice requirement and replacing it with a course of study in auctioneering at an approved institution; removing the oral exam requirement ; increasing the number of written exams offered; removing the special auctioneer license; allowing auction firms to provide online or live auction services; and granting the Ohio Department of Agriculture authority over internet auctions, which are currently exempt from ODA oversight. The bill passed the House on December 9, 2021 and was referred to the Senate Agriculture & Natural Resources Committee December 15, 2021.

H.B. 95 -- Beginning Farmers. This legislation passed the House back on June 28, 2021 and finally received its second hearing before the Senate Ways and Means Committee on December 7, 2021. It proposes to allow individuals to be certified as beginning farmers and would establish income tax credits for certified beginning farmers who attend approved financial management programs and for owners who sell land and agricultural assets to certified beginning farmers.

S.B. 210 – Postnuptial Agreements. Spouses could agree to terminate or modify pre-nuptial agreements after marriage under this proposal, which would bring Ohio in line with many other states. The bill passed the Senate on November 16, 2021 and was assigned to the House Civil Justice Committee on December 7, 2021.

S.B. 246 – Income Tax. The goal of this bill is to avoid the federal State and Local Tax (SALT) \$10,000 deduction cap for federal income tax by allowing an electable individual income tax on a pass-through entity’s income apportioned to Ohio and a

refundable income tax credit for tax paid. It received its third hearing with the Senate Ways and Means Committee on December 14, 2021.

S.B. 247 – Income Tax. The sale of an ownership interest in a business would be considered business income for Ohio income tax purposes if federal income tax law treats the sale as a sale of assets or the seller materially participates in the business activities during the taxable year in which interest was sold or any of preceding five taxable years. If passed, the legislation would apply to any audits, refund applications, petition for reassessments, and appeals pending on or after the bill's 90-day effective date. The proposal had a third hearing with the Senate Ways and Means Committee on December 14, 2021.

Ohio legislation at a standstill

H.B. 175 – Water Pollution. This controversial legislation would exclude “ephemeral features”—those that result from surface water flowing or pooling in direct response to precipitation--from water pollution control programs. The bill passed the House in late September and received a second hearing in the Senate Agriculture & Natural Resources Committee on November 30 but has not received attention since that date.

S.B. 47– Overtime Pay. The proposal would exempt an employer from paying overtime for employer travel to and from a worksite, preliminary and postliminary activities, and minor tasks performed beyond scheduled work hours without authorization, such as checking email or phone messages. It passed the Senate in September and received a first hearing before the House Commerce and Labor Committee but no further action has occurred since October 26, 2021.

S.B. 257– Income Tax Credit for Donations to Townships. Qualifying donations of cash, property or services accepted by a township would receive a refundable state income tax credit of up to \$5,000 under this proposal. The bill has not received a hearing since its referral to the Senate Ways and Means Committee on November 10, 2021.

S.J.R. 3 – Constitutional right to hunt and fish. If passed, the joint resolution would place a constitutional amendment before Ohio voters that would guarantee the right to hunt, fish, and harvest wildlife, subject only to laws and rules that promote wildlife conservation and management or preserve the future of hunting and fishing. No action has been taken on the resolution since it received a second hearing before the Senate Agriculture and Natural Resources Committee on November 16, 2021.

Kentucky Rising Above Tornado Aftermath

Source: <https://u.osu.edu/beef/2021/12/15/kentucky-rising-above-tornado-aftermath/>

Over the weekend all of us were shocked and also saddened by the loss and destruction resulting from the tornado outbreaks, particularly those that devastated much of Western Kentucky. Not only were there many devastating personal losses in communities across Kentucky, but also significant damage to agricultural infrastructure. The video below shows the remains of the University of Kentucky research center at Princeton that was destroyed by the tornadoes. This research station has a heavy focus on crop, forage, and beef production.

WATCH: <https://youtu.be/Dks8PMVH088>

Many have ask how we can help. The Kentucky Cattlemen's Association office has been in touch with local, state and national contacts to determine what needs there are and how we can assist. Presently they are accepting donations for Tornado Relief through their Kentucky Cattlemen's Foundation. All donations will be used to help local producers in need of farm supplies. These donations can be made by calling 859-278-0899, through Paypal at <https://www.paypal.com/donate/...> or by mail at:

KY Cattlemen's Foundation

Attn: Tornado Relief

176 Pasadena Drive

Suite 4

Lexington, KY 40503

For those interested in donating to restore the UK research station at Princeton, their immediate needs include fencing supplies and solar chargers (they will likely be without electricity for quite some time). You're invited to contact UK Assistant Extension Professor of Beef Cattle Nutrition Katie VanValin, at 270-792-4231, Princeton herd manager Blair Knight at 270-350-5460, or the Hardin County Extension office at 270-765-4121 for an update on supply needs and how best to get them there.

Pasture Rental Rates. Do you Know Your Price?

By: Richard Purdin

Source: <https://u.osu.edu/beef/2021/12/15/pasture-rental-rates-do-you-know-your-price/#more-11870>

As the 2021 grazing season comes to a close, cattle producers are beginning to move cattle off the pasture into winter feeding lots or barns. This is also a great time of year to start planning for the next growing season. There are many factors that a cattle producer must consider these days when making plans for the 2022 grazing season. Two of factor that are hovering over cattle producers record books these days are,

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rising input cost and increasing land prices. With the recent improvement in feeder cattle and market cattle prices, many producers might be wondering if expanding their heard is worthwhile? With the increase in fertilizer prices neighboring landowners with hay land or idle grasslands might be considering cash leasing their land to that producer looking to expand. So how does one come up with a fair pasture rental price? Here are some options and consideration before entering a pasture lease agreement.

- Know each party's responsibility- The two parties are the Livestock owner and landowner. There two parties should come to an agreement and understand their responsibilities. The landowner should cover the real estate taxes, cost of infrastructure (fence, barns, water) and their repairs, farm insurance. Livestock owners should calculate and budget what he or she can afford to pay in rent. Responsibilities such as fertilizing, mowing, and fixing damaged fence, should be reflected in the final rental agreement.
 - Communicate and put it in writing- When discussing lease agreements make sure to record and write down rates, responsibilities, contract length, stocking rates, Disaster clause, and other specific discussions made during the negotiation process.
 - What rental method works best for you? – There are several pasture rental methods that can be used but is each operation is set up differently, make sure to do your research evaluate which method works best for your farm operation.
1. Animal Unit Method takes in account the average animal units time the average hay price on a per ton basis times the pasture quality factor. An animal Unit is equal to 1000 lbs. and pasture quality factors include

Factor	Description
0.12	Unimproved, poor
0.15	Fair to good
0.18	Very good
0.20	Excellent
0.22	Lush legume pasture

Ohio mixed grass hay prices for the last week of November ranged from \$80-\$150 per ton.

Livestock type	Animal Unit
Mature Cow with unweaned calf at side or heifer two years of older	1.25
Bull, two years or older	1.3
Young cattle, one to two years old.	0.8

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As an example, let's say your cow herd size is 1000 lbs. with a newly born calf weighing around 250 lbs. by her side and the current local hay market is \$80/ ton for fair grass mixed hay which is equivalent to the pasture you are wanting to lease = $1.25 \text{ AU} \times \$80/\text{ton} \times .15 \text{ pasture quality factor} = \$15 \text{ per head per month}$. Factors such as current hay prices, pasture quality, and Animal units can have a direct effect on the pasture rental rate.

2. Per acre rental method is an easy and common method used by producers. In 2020 USDA, NASS Ohio field office reported that the average pasture rental rate equaled \$26/ acre ranging from \$17/ acre in southeast Ohio to a high of 50.50/acre West Central Ohio. USDA NASS also reported current pastureland value price for Ohio equaled \$3,370, find more details at <https://www.nass.usda.gov>.
3. Pasture rental rates utilizing yields and Land capability from soil survey considers soil productivity based on average yield and the amount of forage or feed one animal unit for 30 days. The productivity and suitability of soil for grazing can be found in the Ohio soil survey. Local Soil and Water Conservation districts can provide county soil ratings or go to <https://websoilsurvey.sc.egov.usda.gov/> to learn more about your soil suitability rating. Rental rates can be based on seasonal cost and grazing period cost. Season cost takes in account the price of hay per ton and equivalent pasture value x soil survey yield. Example – $\$80/\text{ton hay value} \times 40/\text{ton pasture} \times 2.5\text{tons}/\text{acre rating} = \$100/\text{ac}$. Grazing period cost takes in account pasture value x soil survey yield and grazing period indicated in the soil survey divided by animal unit days also indicated in the soil survey. Example $\$40/\text{ton pasture value} \times 2.5\text{tons}/\text{acre} \times 60 \text{ days of grazing} / 150 \text{ animal unit days} = \$40/\text{ac}$

In Summary, there are many factors that can affect the price paid for pasture rental, from pasture quality, water availability, conditions of fence/facilities, current hay prices, and supply and demand. Before approaching the landowner producers need to have their ducks in a row, make sure to have a budget prepared also indicate incentives for the landowner to lease to you over other producers. Incentives such as good pasture management, rotational grazing practices, and good livestock husbandry are always good ways practices to highlight when negotiating. Last but not least communication is critical, 2022 has many unforeseen issues, don't make a disgruntled landlord one of them due to miscommunication.

To learn more about pasture rental lease agreements you can go to

What's in Your Farmland Lease? A Checklist of Farmland Lease Provisions
OSU Extension Fact Sheet FR-8, Establishing a Fair Pasture Rental Rate,
2006 ohioline.osu.edu/factsheet/FR-8

Maximizing Fall and Winter Grazing of Beef Cows and Stocker Cattle, Bulletin
872.1998. Ohio State University Extension

The Ohio Soybean Council is Now Accepting Scholarship Applications – Due Friday Jan 14 2022, 01:00 AM

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 m Layman@soyohio.org with any questions.

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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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 at 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 at 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 at 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 at 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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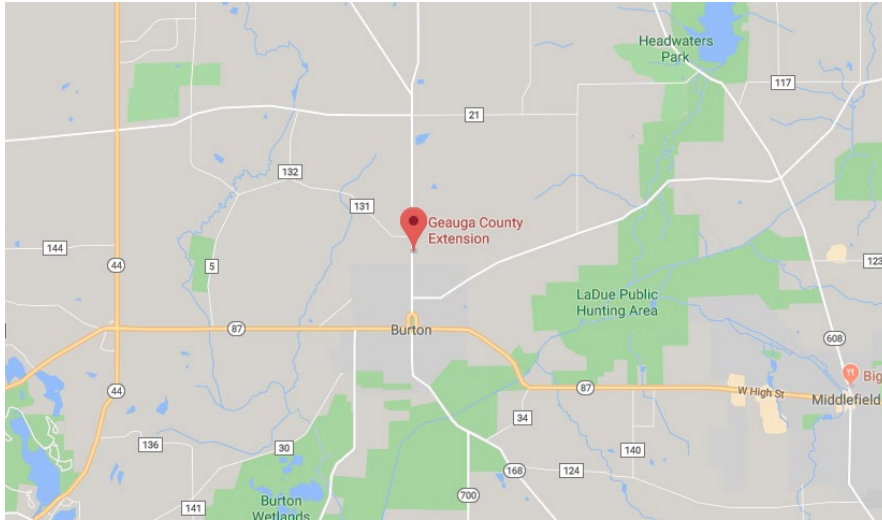
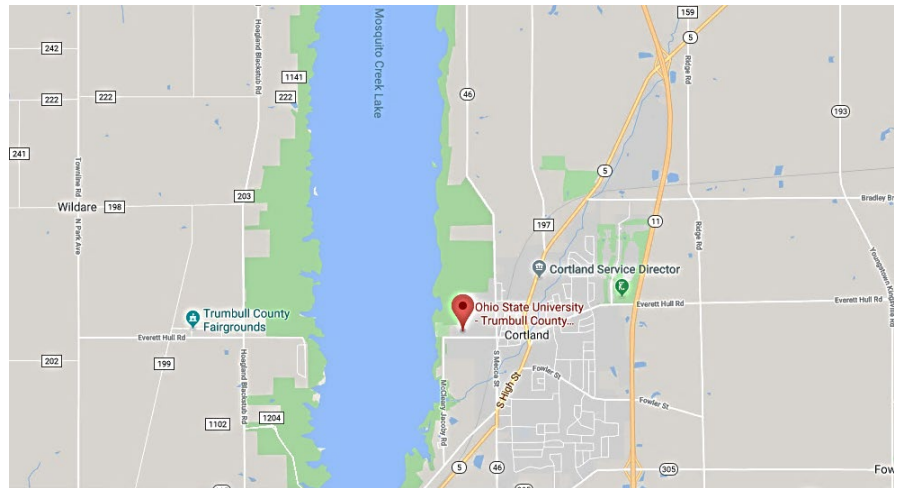
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Trumbull County
January 19, 2019

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

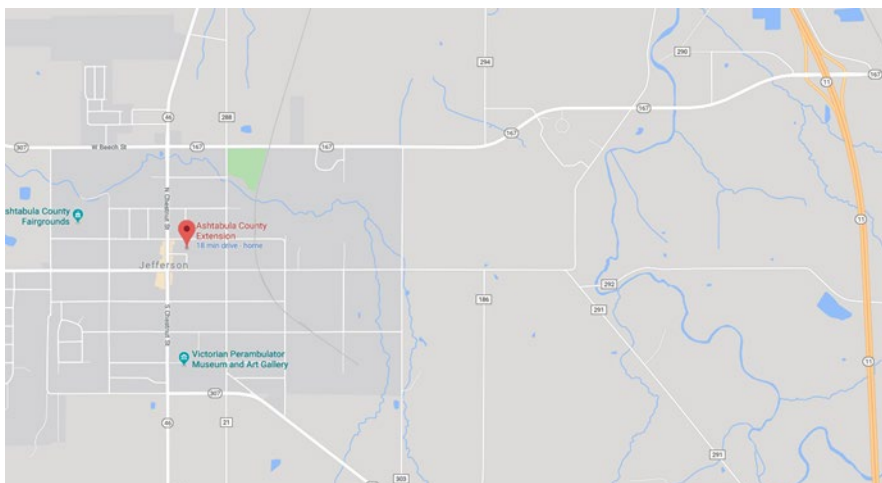
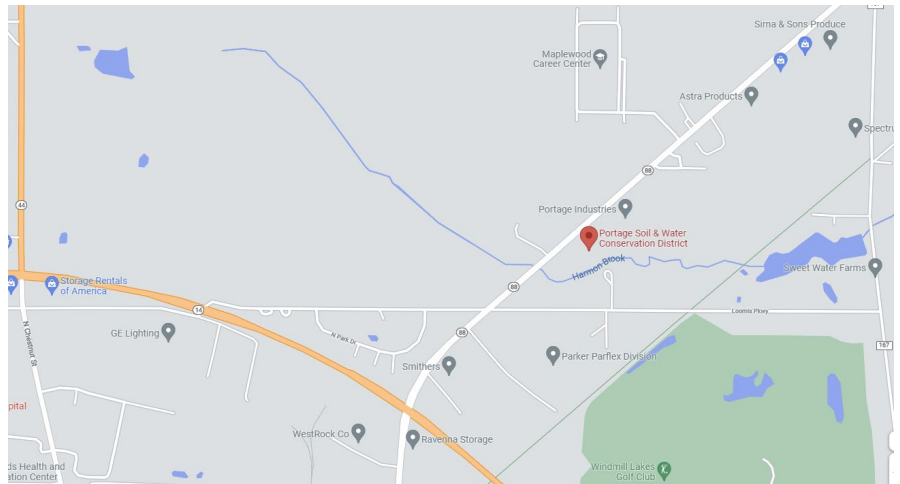


Geauga County
February 2, 2019

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.

