

NORTHEAST OHIO AGRI-CULTURE NEWSLETTER

Your Weekly Agriculture Update for
Ashtabula, Portage and Trumbull Counties

January 4, 2023



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Hello Northeast Ohio Counties!

Happy New Year to all of you! We hope everyone had a wonderful holiday season despite our frigid blast.

There are many great online webinars featured in this issue that are worth checking out.

We are looking forward to seeing many of you during the upcoming pesticide trainings.

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Trumbull County
Extension
Educator

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Ashtabula County
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Weather Update: A Warm and Wet Start to 2023

By: Aaron Wilson

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-01/weather-update-warm-and-wet-start-2023>

Summary

Extreme – probably the best way to describe the final couple of weeks of 2022. After running 2-5°F above the long-term average (1991-2020), winter arrived in a big way on December 23, with rain to snow and temperatures falling well below zero. Many locations experienced more than 24 hours below zero with windchills -25°F to -35°F. A week later however, spring-like temperatures in the low to mid 60s for many locations set daily record highs heading into the New Year, as moisture returned to the region.

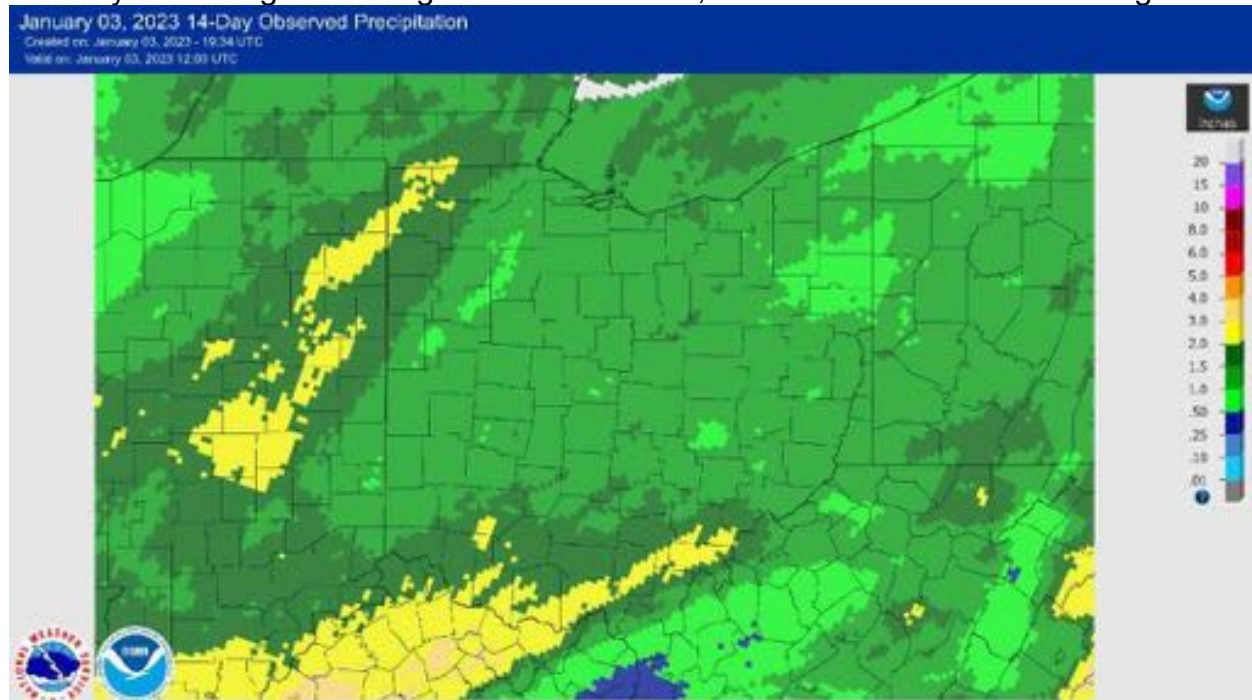


Figure 1 Total precipitation for the period December 20, 2022 – January 3, 2022. Figure courtesy of the NWS – Advanced Hydrologic Prediction Service.

Overall, 1-3" of liquid-equivalent precipitation has fallen over the state during the last two weeks (Figure 1). This has helped streamflows and soil moisture start to recover, though further improvements are needed ahead of the upcoming planting season. For the latest up-to-date conditions, seasonal outlooks, and monthly climate summaries, please visit the State Climate Office of Ohio.

Forecast

A cold front will start to approach the region on Wednesday with rain showers likely but high temperatures well above average in the 50s and 60s. Cooler air will filter into the state for Thursday with a few scattered rain and/or snow showers possible and highs in the 30s and 40s. Friday should be dry before another system moves toward the Ohio Valley. There is some uncertainty regarding precipitation type, with the potential for some minor snow accumulation across northern Ohio. The forecast is likely to fluctuate over the next several days. This system will move out by Sunday with high pressure taking over. Temperatures will remain closer to seasonal normals, with highs in the 30s and 40s and lows in the 20s and 30s throughout the upcoming weekend. Overall, the Weather Prediction Center is currently forecasting 0.10-1.0" (west to east) of liquid-equivalent precipitation over the next 7 days.

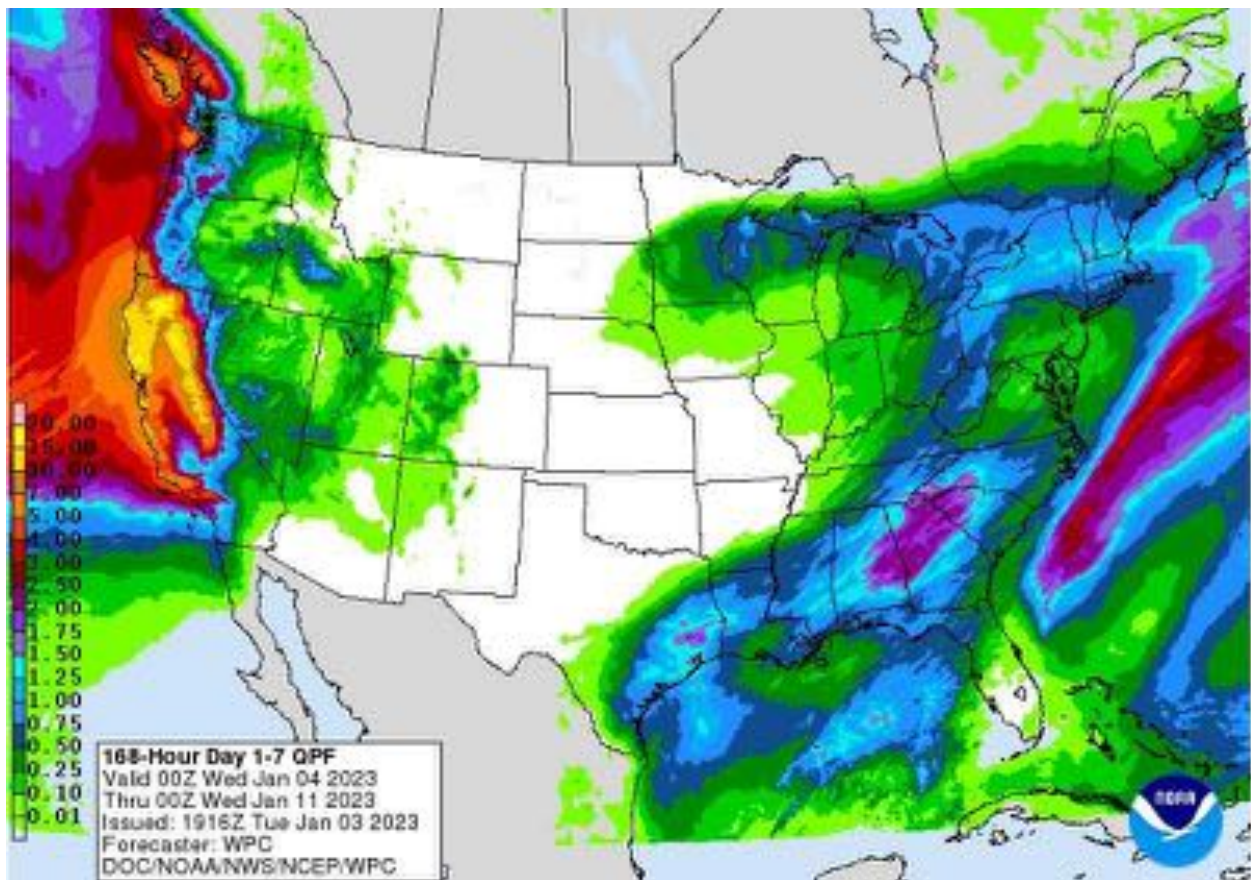


Figure 2 Precipitation forecast from the Weather Prediction Center for 7pm Monday January 3 – 7pm Monday January 10, 2022.

Guidance continues to suggest that despite temperatures cooling off a bit, they are likely to remain above normal. The Climate Prediction Center's 8-14-day outlook for the period of January 11 -17, 2023 and the 16-Day Rainfall Outlook from NOAA/NWS/Ohio River Forecast Center show a strong probability of above normal temperatures with precipitation leaning below normal (Figure 3). Climate averages include a high-temperature range of 34-39°F, a low-temperature range of 20-24°F, and average weekly total precipitation of 0.55-0.85 inches.



Don't Miss Out on 2023 Soil Health Webinar Series

By: Stephanie Karhoff, CCA, Tony Nye, Taylor Dill, Jamie Hampton

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-01/dont-miss-out-2023-soil-health-webinar-series>

Join the OSU Extension Agronomic Crops Team 2023 Soil Health Webinar series for a Thursday morning series about soil health. You won't want to miss out on this year's line-up of farmers and academic experts covering a wide range of soil health topics as they dig below the surface to investigate new developments in soil health and soil management.



Featuring a variety of speakers from Ohio and beyond, all sessions are 8:00-9:00 a.m. with time for Q & A:

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January 5, 2023. *Precipitation & Management and their Effect on Soil Health* by Dr. Peter Tomlinson, Kansas State University. Dr Tomlinson will examine the influence of precipitation and management including cover crops on soil health. CCA credits available: 1SW.

February 2, 2023. *Know your Biologicals and What They Can (or Cannot) Do for You* by Dr. Mark Licht, Iowa State University. Separate fact from fiction and learn about the types and potential applications of biological crop inputs. CCA credits available: 1SW.

March 2, 2023. *Intercropping & Soil Health* by Lucas Criswell, No-till Producer. Are you interested in relay cropping on your farm? Lucas Criswell will share his experience with relay cropping on his family's operation in Lewisburg, PA. CCA credits available: 1NM.

March 30, 2023. *Soil Health & Water Quality* by Dr. Vinayak Shedekar, The Ohio State University & Dr. Will Osterholz, USDA-ARS. Learn more about the impacts of cover crops and no till systems on Ohio water quality. CCA credits available: 1SW.

There is no cost to attend these programs, but registration is required. Register at www.go.osu.edu/soilhealthweb

1-hour of CCA CEU credits are available for each session. If you attend all four webinars, you will obtain 3 hours of credits for Soil and Health Management and 1 hour of Nutrient Management. CCA credits are only available to those attending the live webinar programs.

(OSU cannot grant credits for any recorded sessions).

All programs will be recorded, and recordings will be available to view on our [YouTube channel](#). Past year's Soil Health Webinar sessions can be viewed online [here](#).

2023 “Climate &..” Webinar Series

By: Laura Lindsey, Allen Geyer

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-01/2023-climate-webinar-series>



As we know, weather and climate impact agriculture in significant ways. Please join us for our first in a series of three webinars on January 19, 2023 from 8-9 a.m. as we explore the impacts of extreme weather and climate on diseases with Drs. Pierce Paul and Aaron Wilson. This includes a short presentation on tools available from the Midwestern Regional Climate Center to help with in-season decision making and/or post-seasonal analysis. Additional webinars are available in February and March.

**Webinars occur on the Third Thursday,
January – March, 8:00-9:00 am**

January 19, 2023 – **Disease Management** with Pierce Paul, Professor and Associate Chair, Cereal Pathology, Epidemiology – CFAES, The Ohio State University

February 16, 2023 – **Farm Financial Management** with Bruce Clevenger, Farm Management Field Specialist, OSU Extension ANR

March 16, 2023 – **Pest Management** with TBA



Please visit <https://go.osu.edu/wx-extremes23> to register for this webinar series! Questions related to this event may be directed to Aaron Wilson, OSU Extension, wilson.1010@osu.edu.

2022 OSU Soybean Performance Trials

The 2022 Ohio Soybean Performance Trials is now available online at: <https://ohiocroptest.cfaes.osu.edu/soy2022/default.asp> The web-based version of the trial data includes sortable tables, and the information can also be downloaded as a spreadsheet.



The purpose of the Ohio Soybean Performance Trials is to evaluate soybean varieties for yield and other agronomic characteristics. This evaluation gives soybean producers comparative information for selecting the best varieties for their unique production systems. Soybean varieties were tested in six Ohio counties: Henry, Sandusky, Mercer, Union, Preble, and Clinton. Varieties were grouped, tested, and analyzed by maturity (early and late). Conventional (non-GMO), RoundUp Ready, Enlist, XtendFlex,

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sulfonylurea-tolerant, and Liberty Link/Glyphosate tolerant were tested in the same block to allow for head-to-head comparisons.

This year, we tested 128 commercially available soybean varieties representing 17 brands. Yields were as high as 106.5 bu/acre in Henry County (mid-May planting date and 8 inches of rainfall in August) and as low as 23.3 bu/acre in Union County (June planting date and dry conditions).

Starting a Food Business Webinar Series

By: Peggy Kirk Hall

Source: <https://farmoffice.osu.edu/events/starting-food-business-webinar-series>

A three-part webinar series addressing food safety, licensing, legal, and economics considerations for starting a home-based or farm-raised food business. Part 1 will cover start-up basics on January 24, Part 2 will address selling home-based foods on February 28, and Part 3 will cover selling meat and poultry on March 28. There is no cost for the webinar, but registration is necessary!



Register Here: https://osu.zoom.us/webinar/register/WN_ISUcLpCIQN-zq9DgjDSD1w

Finding Clarity in Muddy Situations

Source: <https://u.osu.edu/beef/2023/01/04/finding-clarity-in-muddy-situations/>

Tis the season! Mud season. One of the longest seasons of the year. Even when subsoils are dry, we can have troublesome mud on the surface that sucks the energy we've provided in our feeding programs right out of our cows and our hearts too.

It can be discouraging, exhausting, and exasperating trying to prevent mud accumulation and dealing with it in the moment. When your boots are slurping through the mud with each step it can seem like the season will never end. But with a conducive environment and time, eventually it does.

Staying motivated and hopeful through winter on the farm is a challenge for many. Questions like, "What am I doing this for?" and "Why didn't I chose a different career than this?" will run through your mind. You may wonder if it's you who's working for the cows rather than the cows working for you. When the heating bill comes, you'll probably

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be praying that feeder and fat prices go up and diesel goes down in 2023. Somehow, you'll make it work.

You'll haul hay and supplemental feed to those cows. You'll get stuck and unstuck over and over. You'll sweat under your coveralls while mucus freezes in your nose. You'll break water and fix the fence when a tree falls on it from an ice storm. You'll curse leaving your cozy bed on cold mornings. But you will do it because it needs done. Cold or warm, muddy or dry, those cows and your family need you every day, so you'll be there.

All the facets of farm and home life will tangle together to compete for your time and your money. You'll have other muddy situations to deal with. Not literal mud this time, but right and wrong mixed together leaving you to figure out what is the best thing to do.

Even when we are solid at the core, grounded in our convictions, and guided by morality, we can have troublesome conflicts on the surface that suck the energy we've stored in our bodies right out of our minds and our hearts too.

Is this sounding like DeJa'Vu? . . .

It can be discouraging, exhausting, and exasperating trying to prevent problems on the farm and dealing with challenges when they come along. When the tractor breaks, your kids catch colds, and you lose an early born calf on the same day, it may seem like the struggle will never end. But with a conducive environment and time, eventually it does.

When you need to find clarity in those muddy situations, focus on providing a conducive environment and giving yourself time. Blaise Pascal is quoted saying, "*Clarity of mind means clarity of passion too.*" When you provide yourself with an environment where you can find peace and take time to rest, often the answers to those difficult questions and decisions reveal themselves. Then, you can use your passion to steer you in the right direction.

As 2022 comes to a close and 2023 begins, I encourage you to make a distinct effort to create time and space where you can seek clarity about the past and prepare for important decisions in the future. I also encourage you to celebrate your successes and share them with others. Focus on what went right, so that you can find encouragement when things go wrong. Express gratitude to the influential people around you. Help create a conducive environment for others to thrive along with yourself. Take time to refill your mind and spirit over the holidays and draw on that energy in the New Year. Seek clarity when things get muddy.

One of the spaces where you can come for clarity is your local Extension Office. When you need someone to bounce ideas back and forth, we are here. When you need more

resources to make the best choices, we are here. When you need someone to tell you you're not alone, we are here.

You can find information about your local Extension personnel online from The Ohio State University at <https://extension.osu.edu/lao>. We at OSU Extension and the OSU Beef Team are here for you.

Best wishes to you for a prosperous New Year!

2023 Gift and Estate Tax Changes

By: Robert Moore

Source: <https://farmoffice.osu.edu/blog/tue-12272022-1159am/2023-gift-and-estate-tax-changes>

As we wind down 2022 and look forward to 2023, there are few changes related to estate planning that will occur in the new year. The following is a summary of those changes.

Annual Gift Exclusion

The annual gift exclusion is the amount that one person can gift to another person with no estate tax implications. In 2023, the annual exclusion will increase from \$16,000 to \$17,000. This means that a person can gift \$17,000 to as many people as they wish without causing a gift tax or a reduction of their federal estate tax exemption. For example, Grandfather gifts \$17,000 to each of his three children and seven grandchildren. Grandfather gifted a total of \$170,000 without incurring a gift tax or reducing his federal estate tax exemption. The gift can be money, real estate, machinery, ownership in a business entity or just about any other asset.

Federal Estate Tax Exemption

The federal estate tax exemption is the amount of net worth exempt from estate taxes at death. If a person dies with a net worth less than the exemption, no estate tax will be owed. If a person dies with a net worth exceeding the exemption, the amount exceeding the exemption will be subject to a 40% estate tax. In 2023, the exemption will increase from \$12.06 million to \$12.92 million.

To further explain the estate tax exemption, let's continue the prior example using 2023 values. Grandfather has a net worth of \$13.0 million. If he were to die with this net worth, \$80,000 would be subject to estate taxes. However, after he makes gifts to his children and grandchildren, his net worth is now \$12.83 million. Grandfather's net worth is now less than the federal exemption, so if he dies, there will be no estate taxes.

2032A Limit

The IRS allows eligible farmers to reduce their estate valuation by valuing farmland at agricultural value rather than fair market value. This reduction in value is non unlimited. In 2023, the IRS will allow a reduction of \$1,310,000, an increase from the 2022 limit of \$1,230,000. Eligibility requires the decedent, among other things, to have been a farmer with at least 50% of their assets being farm assets and at least 25% of their assets being farmland.

Consider the following example using 2023 values. Bill was a retired farmer and died with a net worth of \$14 million. He was eligible for 2032A so his estate was entitled to a \$1,310,000 reduction. After applying the section 2032A reduction, Bill's estate was valued at \$12,690,000 which is below the federal estate tax exemption. By applying 2032A, Bill's estate is able to avoid estate taxes. It should be noted that applying 2032A to an estate is complicated and should be done with the assistance of legal counsel.

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Fertilizer Applicator Certification Training

FEBRUARY 22, 2023 6 – 9 P.M.

Do you apply fertilizer to 50 acres or more for crops that are primarily for sale? If so, you are required by Ohio law to attend a training session or take a test to become certified. OSU Extension Trumbull County is offering a training session (no test) that will meet all certification requirements. **Pre-Registration is required a week in advance.** Cost for this training session is \$35/person and includes training materials, and handouts. To register online with a credit or debit card please visit <https://go.osu.edu/2023trumbullfact>. You can also register by completing the back portion of this flyer and mail with check to the address below. Please make checks payable to Ohio State University Extension.

Location: OSU Extension Trumbull County, 520 West Main St, Cortland, OH 44410

Cost: \$35/person

Contact information: 330-638-6783 or beers.66@osu.edu



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2023 Fertilizer Applicator Training Trumbull County

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Number of People Attending: _____ X \$35/person _____

Please make checks payable to: **Ohio State University Extension**

Mail form and payment to: OSU Extension Trumbull County,
520 West Main Street, Suite 1, Cortland, OH 44410

For questions, contact Lee Beers at 330-638-6783 or by email at
beers.66@osu.edu

