

NORTHEAST OHIO AGRI-CULTURE NEWSLETTER

Your Weekly Agriculture Update for
Ashtabula and Trumbull Counties

April 11, 2023



Spring is here, and so are the flowers

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Hello Northeast Ohio Counties!

We hope everyone had a great Easter Weekend!

The weather this week looks pretty good for drying fields. Take a look at today's first article on weather and soil conditions. With a mild winter, soil temps should reach planting temps sooner. Now we just need the rain to hold off!

Have a great week!

Lee Beers
Trumbull County
Extension Educator

Andrew Holden
Ashtabula County
Extension Educator

Spring Weather & Soil Conditions: Update 1

By: Aaron Wilson

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-09/spring-weather-soil-conditions-update-1>

Soil Temperatures and Moisture

CFAES Near-surface Air and Soil Temperatures

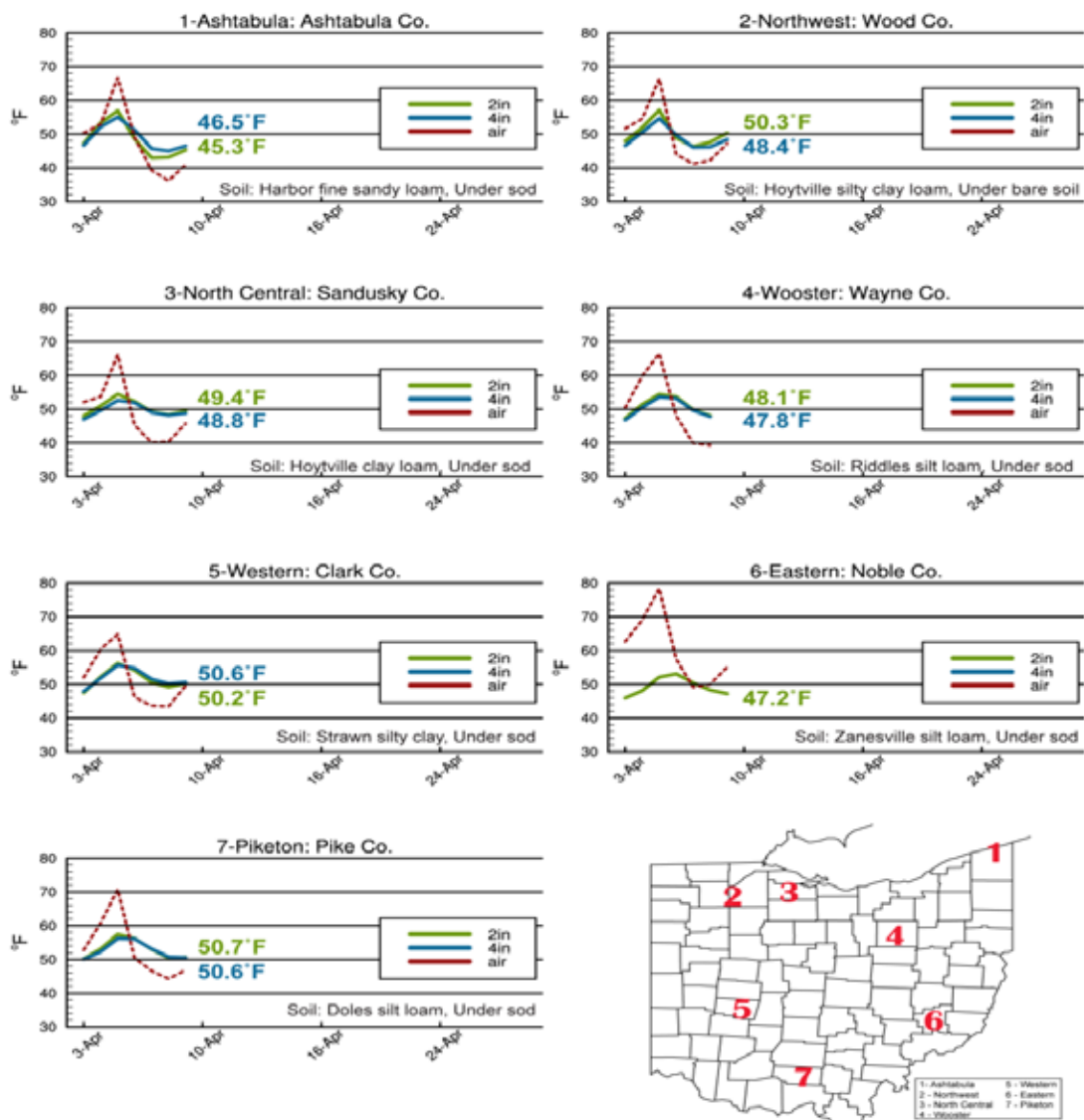


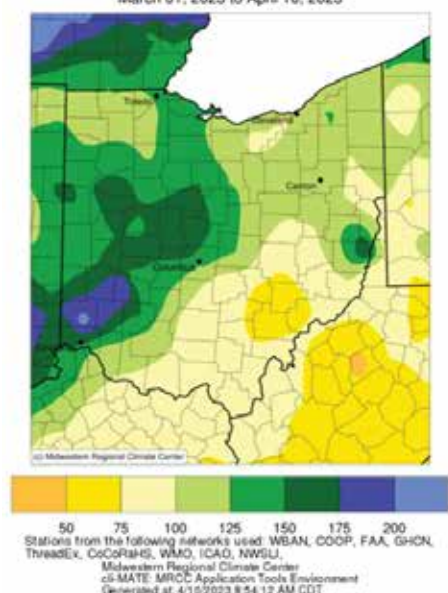
Figure 1: Daily average air temperature (dashed red), two-inch (green) and four-inch (blue) soil temperatures for spring 2023. Soil type and location of measurements (under sod or bare soil) are provided in the lower right corner of each panel. A map of all locations is in the bottom right. Data provided by the College of Food, Agricultural, and Northeast Ohio Agriculture

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Ashtabula, Portage and Trumbull Counties

Environmental Sciences (CFAES) Agricultural Research Stations located throughout the state.

Following the second warmest winter on record (1895-2023) and near to above average temperatures throughout March, soil temperatures started April off in the low to mid 50s but have since dropped back into the mid-40s to around 50°F (Figure 1). With a steady warming trend in air temperatures expected this week, soil temperatures should respond nicely.

Accumulated Precipitation (in): Percent of 1991-2020 Normals
March 01, 2023 to April 10, 2023



Calculated Soil Moisture Ranking Percentile
APR 09, 2023

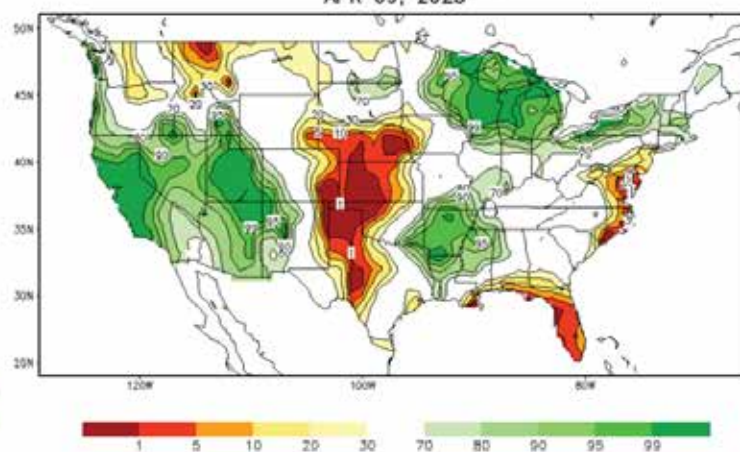


Figure 2: (Left) Precipitation as a percent of normal (1991-2020) since March 1, 2023. Figure provided by the Midwestern Regional Climate Center. (Right) Calculated soil moisture percentiles as of 4/9/2023 according to the Climate Prediction Center.

Ohio has experienced an active weather pattern since late winter, though the storm tracks have shifted northward of late (Figure 2-left). Areas along and northwest of about 1-71 are running up to 200% of normal over the last 45 days, especially in southwest Ohio. March was a bit drier than average across southeast Ohio, running as low as 50% of normal. This has soil moisture running above the 70th percentile across northern Ohio and in a few counties across the southwest as well (Figure 2-right). This week's conditions should help continue to dry out soils ahead of planting. For more complete weather records for CFAES research stations, including temperature, precipitation, growing degree days, and other useful weather observations, please visit <https://www.oardc.ohio-state.edu/weather1/>.

Weather Forecast

A nearly perfect spring forecast lies ahead this week. High pressure will provide abundant sunshine through Friday with a gradual warming trend. Highs on Tuesday will

range from the mid-60s (northeast) to the mid-70s (south), and we will add 2-3 degrees each day to our highs. Overnight lows should remain about freezing all week as well. A cold front will approach the region for the weekend, with increasing chances of rain showers through Monday. Rainfall should remain on the light side however, with the the [Weather Prediction Center](#) currently forecasting less than 0.5" across most the state over the next 7 days (Figure 3).

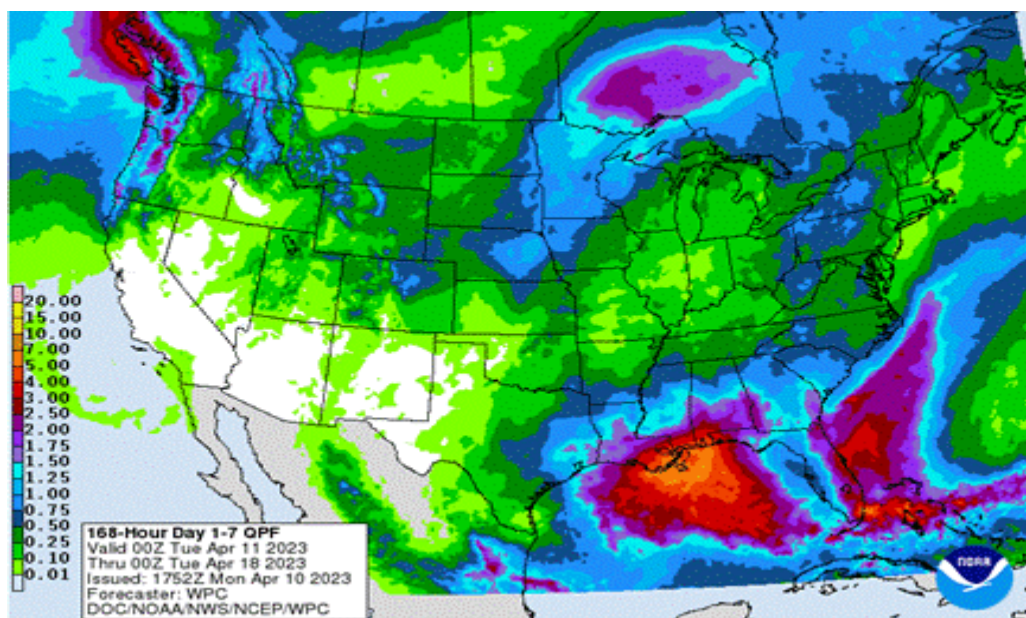


Figure 2). Precipitation forecast from the Weather Prediction Center for 8pm Monday April 10 – 8pm Monday April 17, 2023.

The 6-10 day outlook from the [Climate Prediction Center](#) and the [16-Day Rainfall Outlook from NOAA/NWS/Ohio River Forecast Center](#) show temperatures leaning toward below average with near average precipitation (Figure 4). Climate averages include a high-temperature range of 59-64°F, a low-temperature range of 37-42°F, and weekly total precipitation of about 1 inch.

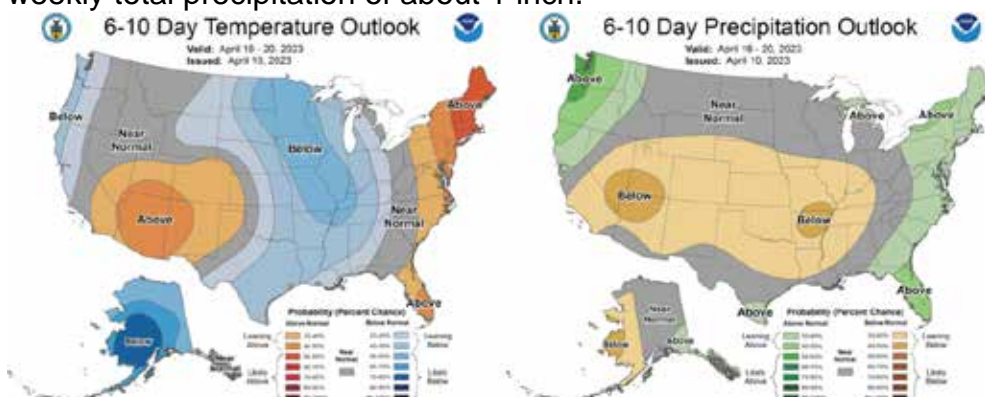


Figure 3) Climate Prediction Center 6-10 Day Outlook valid for April 16 - 20, 2023, for left) temperatures and right) precipitation. Colors represent the probability of below, normal, or above normal conditions.

Enhanced Soil Carbon Farming as a Climate Solution: Pastures and Hayfields in Ohio

By: Ricardo Ribeiro, Marilia Chiavegato

Source: <https://agcrops.osu.edu/newsletter/corn-newsletter/2023-09/enhanced-soil-carbon-farming-climate-solution-pastures-and>

The Sustainable Agroecosystems Lab at The Ohio State University, Departments of Horticulture & Crop Science and Animals Sciences is seeking farmers to participate in an on-farm soil assessment to evaluate soil carbon sequestration under perennial pasture fields and annual crops fields.

Project description: This is a multi-state and multi-institution \$15 million [project](#) led by researchers at the Carbon Management and Sequestration Center ([CMASC](#)) at The Ohio State University. Different soil management practices and uses are being assessed in 17 states for their impact on soil carbon stocks. This research will provide on-farm data to farmers, stakeholders and policymakers on the importance of soil carbon farming practices to mitigate climate change.

As part of the project, our lab is focusing on how perennial forages, for grazing or hay, and annual crops, such as corn and soybean, affect soil carbon stocks and sequestration. We are looking to compare fields under long-term use as perennial forage or to a nearby long-term field under annual crops (corn-soybean rotations), in different regions across Ohio.



Field of corn stubble

Farmer participation in the project is to provide historical information about field management (tillage, fertilization rates, manure application, crop rotation) and allow the research team to perform soil sampling collection during Fall 2023 and Fall

2025. If your farm specializes in only one crop type (i.e. only perennial forages), we can work with a neighbor for the annual crop field used for the comparison. If you are interested in collaborating with us, please reach out to our team.

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Ricardo Ribeiro, ribeiro.30@osu.edu, (614) 736-9321

Farm On financial management course offers farmers, ranchers training to meet new program requirements

By: Tracy Turner

Source: <https://u.osu.edu/ohioagmanager/2023/04/06/farm-on-financial-management-course-offers-farmers-ranchers-training-to-meet-new-program-requirements/>

COLUMBUS, Ohio—A new online farm management course offered by The Ohio State University College of Food, Agricultural, and Environmental Sciences (CFAES) will help Ohio's beginning farmers qualify for the requirements of the Ohio Department of Agriculture's Beginning Farmer Tax Credit program.

Called Farm On, the self-paced, on-demand farm financial management course was created by Ohio State University Extension professionals and is offered through OSU Extension's new Farm Financial Management and Policy Institute (FFMPI), said Eric Richer, assistant professor and OSU Extension field specialist in farm management.

OSU Extension is the outreach arm of CFAES.

"The Farm On financial management course was created to address the needs of Ohio's new and beginning farmers who want to better prepare themselves to operate a commercial farm in Ohio and do that with a high level of economic stability while remaining profitable and responsible at every step along the way," said Richer, who is the lead instructor for the Farm On course. "We believe Farm On will be a great deliverable to Ohio's agriculture industry because it is on-demand, self-paced, and taught by Ohio State's expert farm management instructor."

What's unique about the Farm On course is that, not only does it comply with the regulations of the new Ohio House Bill 95 [Beginning Farmer Tax Credit program](#), it also meets the borrower training requirements for the [U.S. Department of Agriculture Farm Service Agency's Beginning Farmer and Rancher Loan Program](#), Richer said.

The Farm On course includes multiple video lessons, 10 quizzes, 10 exercises, individual and group consultations, and a 10-module course that covers the following topics:

- Farm Business Planning
- Balance Sheets
- Income Statements
- Cash Flow Projections
- Calculating Cost of Production
- Farm Record Keeping

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- Farm Taxes
- Farm Financing
- Risk Management
- Farm Business Analysis

The Farm On course allows CFAES to serve the needs of farmers through OSU Extension and our FFMPI, said Cathann A. Kress, Ohio State vice president for agricultural administration and dean of CFAES.

“We are excited to partner with ODA and USDA-FSA to address the farm financial training that is required for running a farm business,” Kress said. “Currently, we are the only educational institution in Ohio with a course like ‘Farm On’ that qualifies for ODA’s Beginning Farmer Tax Credit program and FSA’s Borrower Training Requirements.

“As part of our land-grant mission, CFAES educates not just college students but over 2 million individuals across the lifespan.”

The Ohio House Bill 95 Beginning Farmer Tax Credit program went into effect in July 2022 and grants a 3.99% tax credit to landowners who sell or lease assets to a certified Ohio beginning farmer. The new law also allows an Ohio tax credit to the certified beginning farmer equal to the cost of the financial management course completed, Richer said. The Farm On course costs \$300 per person.

“Ohio State’s Farm On course is a great way to help Ohio farmers qualify for ODA’s new Beginning Farmer Tax Credit program, which is an important tool to help current, beginning farmers and potential, future farmers do what they do best,” said ODA Director Brian Baldrige. “We are thankful for this partnership that is helping to keep Ohio’s hard-working farmers at the forefront.”

Ohio State’s Farm On course is now 1 of 5 approved vendors for borrowers in Ohio, said Darren Metzger, Ohio Farm Service Agency loan chief.

“The course is in-depth financial management training that can assist our borrowers to obtain and/or improve their knowledge in this critical area of farm management,” Metzger said.

The Farm On program is part of CFAES’ new FFMPI, which was created last year with the goal of sharing resource-based knowledge and best practices to help Ohio farmers manage their businesses as the agricultural industry changes and evolves. Housed within OSU Extension, the goal of FFMPI is for the integration, translation, and

communication of CFAES' farm management and ag policy presence that addresses critical farm management and policy issues affecting Ohioans.

"Farm On is meeting a need of today's modern crop farmers, and it's packaged in a way that respects the busy schedules of family farmers," said Tadd Nicholson, executive director of Ohio Corn and Wheat. "It's this type of tangible benefit that earns the support of Ohio's corn and small grains checkoff funds. We are proud to partner with OSU Extension on this important new institute."

Farm On, which is just one of the programs offered through the new FFMPI, isn't just for new and beginning farmers, said Peggy Hall, CFAES agricultural and resource law specialist and a Farm On instructor.

"This course provides an opportunity for any farmer in Ohio, whether you're a new farmer, a seasoned farmer, a small farmer, or a large farmer," Hall said. "For a long time, we've needed to have this course in Ohio because farm management is so critical to ensuring the future of our farms."

To sign up for Farm On, go to go.osu.edu/farmon.

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"Waters of the United States" continues to make waves

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

Source: <https://farmoffice.osu.edu/blog/wed-04052023-900am/%E2%80%99Cwaters-united-states%E2%80%9D-continues-make-waves>

The United States Supreme Court began its new term last October with the now famous wetlands case of [Sackett v. U.S. EPA](#). The case is one in a long line of legal battles over how to define which waters are “waters of the United States” (“WOTUS”) that are subject to federal jurisdiction under the Clean Water Act. We expected quiet waters for WOTUS as we awaited the Sackett decision. But we were wrong.

New EPA rule. The U.S. EPA made a big splash on January 18, when the agency published a [new WOTUS rule](#) to define which waters are WOTUS. Although the rule had been under consideration since the beginning of the Biden administration, many expected the EPA to hold off on finalizing the rule until after the Supreme Court’s Sackett ruling because that decision could affect the rule. The EPA chose not to wait, and the new rule became effective on March 20, 2023.

New litigation begins. Not surprisingly, the new WOTUS rule set off a new wave of litigation. A string of four federal lawsuits were filed in January and February of 2023 by many states and interest groups. The cases contest the validity of the rule and ask for preliminary injunctions preventing implementation of the rule while the cases are pending.

Two cases, two different outcomes. The Southern District of Texas made the first decision on the new litigation in [Texas v. U.S. EPA](#), granting an injunction on March 19 for two of the lawsuits filed by Texas, Idaho, and the American Farm Bureau and other interest groups. The injunction prevents the rule from going into effect in Texas and Idaho. The federal district court determined the plaintiffs would expend significant resources complying with the rule although the rule was unlikely to withstand judicial scrutiny, creating potential irreparable harm and justifying an injunction against the rule. The Kentucky district court recent an opposite decision on March 31 in the case filed by the State of Kentucky. The Eastern District court in [Kentucky v. U.S. EPA](#) declined to issue Kentucky’s request for a preliminary injunction, concluding that because the EPA has not begun enforcing the rule in Kentucky, there is no impending injury that warrants an injunction. In both the Kentucky and Texas cases, the courts declined to issue a nationwide injunction against the new WOTUS rule.

Another injunction decision to come. Twenty four states joined together to file [West Virginia v. EPA](#), the fourth federal lawsuit against the new WOTUS rule. Ohio is not one of the plaintiff states in the case, which challenges the rule and seeks injunctions in the states as well as a nationwide injunction. We should see a decision on the injunction request soon from the federal district court in North Dakota.

There are waves in Congress, too. Not satisfied to sit back and watch the battles over the new WOTUS rule, [Congress recently took action to void the rule](#). Congress used its authority under the Congressional Review Act, a little-used federal law that allows Congress to invalidate an agency action. The House passed a resolution to void

the rule on March 9 by a margin of 227 to 198, and the Senate voted on March 29 with 53 for and 43 against nullifying the WOTUS rule. President Biden has the power to veto the legislation, however. Neither the House nor the Senate appear to hold the two-thirds majority necessary to override a Biden veto. (UPDATE: President Biden vetoed the resolution on April 6, 2023).

Back to SCOTUS. And still, we circle back to the Sackett case and await the Supreme Court's analysis of the proper test to use to define a "waters of the United States." How will the ruling affect the new WOTUS rule and its litigation? Will Congress act on the Supreme Court's ruling to establish a statutory definition for WOTUS that would preempt the EPA's rule? As we have learned, there are more WOTUS waves yet to come.

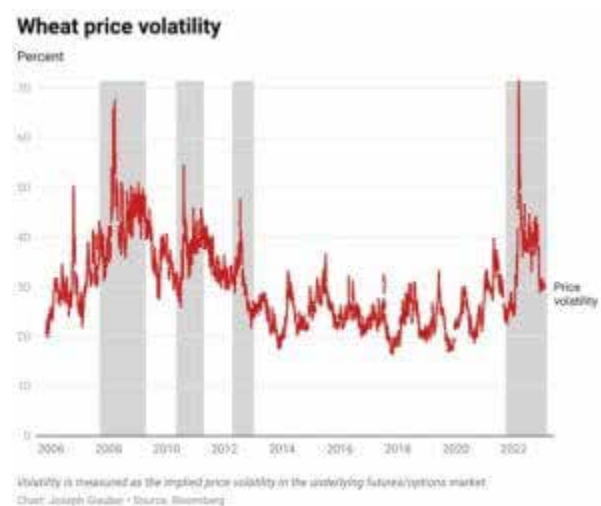
Will Price Volatility Continue in the World Wheat Market?

By: Ian Sheldon and Chris Zoller

Source: <https://u.osu.edu/ohioagmanager/2023/04/06/will-price-volatility-continue-in-the-world-wheat-market/>

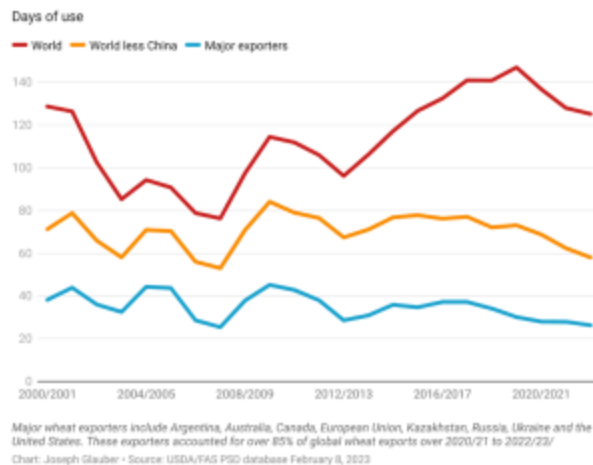
Wheat Price Volatility and Global Stocks

In a recent blog from the International Food Policy Research Institute (IFPRI), former USDA Chief Economist Joseph Glauber detailed the disruption that Russia's invasion of Ukraine has had on the world wheat market over the past year (<https://www.ifpri.org/blog/assessing-tight-global-wheat-stocks-and-their-role-price-volatility>). Compared to the recorded price spikes of 2007/08, 2010/11, and 2012/13, wheat futures prices remained relatively stable until Russia invaded Ukraine in February 2022 (see figure).



While world food prices have retreated significantly over the past 11 months (*Bloomberg News*, March 19, 2023), price volatility in the wheat market is likely to continue with tight global stocks. When global supplies are negatively affected by an armed conflict such as Russia's invasion of Ukraine, the availability of stocks should aid in moderating any impact on prices. However, if stocks are tight, their price-smoothing effect is limited, and volatility tends to be exacerbated.

Global wheat stocks tighten



Typically, market analysts measure the tightness of global stocks through the stock-to-use ratio (SUR), defined by ending stocks as a percentage of consumption, which is then multiplied by 365 days to give stocks as days of use. The SUR for wheat can be measured in several ways: total global stocks, total global stocks minus China, and stocks held by the major exporters (US, EU, Argentina, Australia, Canada, Kazakhstan, Russia, and Ukraine). If China is excluded from the calculation, projected stock levels for 2022/23 range from 58 to 26 days of use, the lowest level since 2007/08 (see

figure). Not surprisingly, the combination of low stocks, continued uncertainty about the war, and the potential for future supply shocks, means that concerns about global food security have not dissipated (World Bank *Food Security Update*, March 23, 2023).

Uncertainty Over Continuation of The Black Sea Grain Export Deal and Russian Exports

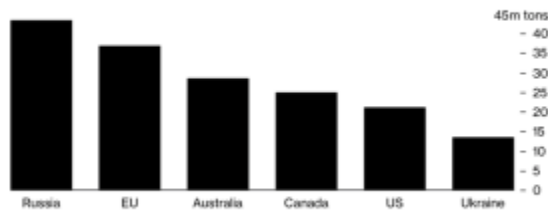
Key to reducing price volatility is continuation of the grain export deal signed by Ukraine, Turkey, Russia, and the United Nations (UN) on July 22, 2022 (USDA, Foreign Agricultural Service, *Grain: World Markets and Trade*, August 2022), which was then renewed last November for 120 days (*Reuters*, March 14, 2023). Despite the UN and the Ukrainian and Turkish governments stating the deal had been extended for a further 120 days on March 18, 2023, the Russian foreign ministry indicated it had only agreed to a 60-day extension, and that it wanted to see an expansion of its own grain exports to the world market (*Financial Times*, March 18, 2023).

Not surprisingly, conflicting signals over the timeline of the deal's extension affected the market, wheat futures rising by 2 percent before March 18 (*Bloomberg News*, March 14, 2023), falling back the week after the deal was announced, although market analysts expect a risk premium (*Bloomberg News*, March 20, 2023). A similar pattern of price volatility occurred prior to and after the deal was renewed in November 2022 (*Bloomberg News*, November 2, 2022), and no doubt will happen again when the deal next comes up for renewal.

Despite the Ukrainian focus of the grain export deal, the sticking point for the Russians is how to increase their own grain exports. Russia is now the world's leading wheat exporter (*Bloomberg News*, March 31, 2023) (see figure), its strong harvest last year helping to reduce wheat futures prices (*Bloomberg News*, March 29, 2023). While Russian crops are not subject to any explicit trade sanctions, companies that trade

wheat and other grains must deal with restrictions on both Russian banks and state companies (*Bloomberg News*, March 29, 2023). A recent development has been the announcement by major commodity traders Cargill and Viterro that they will stop exporting Russian grain as of July 1, 2023, with Archer-Daniels-Midland also considering exiting its Russian operations (*Bloomberg News*, March 31, 2023). How this affects Russian exports to the world market remains to be seen, although some observers think little will change as local traders replace global traders, the Russian government continuing to collect grain export taxes (*Bloomberg News*, March 30, 2023).

World's Top Wheat Exporters
Russia is poised to lead global trade of the grain in 2022-23 season



Source: USDA estimates

Outlook for Wheat Price Volatility

Low global wheat stocks along with Russia's repeated procrastination over the Black Sea grain export deal, suggest price volatility will continue for the foreseeable future. At the same time, grain exports by Ukraine to central European states has affected farm revenues in Poland, Romania, Slovakia, Hungary and Bulgaria, eroding

political goodwill (*Bloomberg News*, April 2, 2023), placing pressure on the European Union (EU) for tariffs to be restored on imports from Ukraine (*Reuters*, March 31, 2023), which would likely push down wheat and other grain prices.

Wheat on the Chicago Mercantile Exchange (CME) is currently hovering around \$7.00 per bushel, in line with the estimate used in the OSU Extension Wheat Production Budget for 2023. As of April 5, 2023, CME prices are \$6.94/bushel for July 2023, \$7.25/bushel for July 2024, and \$7.26/bushel for July 2025. The OSU Extension wheat budget estimates \$7.00/bushel and evaluates four yield scenarios (59 bushels/acre, 74 bushels/acre, 89 bushels/acre, and 92 bushels/acre). Estimated returns at each yield level more than cover the variable costs, but the numbers are negative when evaluating returns above total costs. Straw sales can improve the returns, but there is the additional concern of the value of nutrients removed.

We encourage you to keep informed of market movements and projections, and utilize OSU Extension enterprise budgets (<https://farmoffice.osu.edu/farm-management/enterprise-budgets>) when making farm management decisions.

Deadlines This Week - College Ag Scholarships

Applications: www.go.osu.edu/ne-events

Ashtabula County OSU Extension and the Ashtabula County Agricultural Scholarship Committee are pleased to announce that applications are now being accepted for a minimum of thirteen scholarships for the 2023-2024 school year to Ashtabula County students enrolled in either an accredited full four year college or an accredited two year

technical institute. The Ashtabula County Agricultural Scholarship Fund was founded on April 29, 1952 to promote interest in the study of agriculture, family and consumer science, environmental sciences or natural resources in an accredited full four-year college or an accredited two-year technical institute. This fund awards scholarships to students attending an accredited four-year college or two year technical school. **Each year the general scholarship fund awards at least two \$1,000 scholarships. The committee also works with local organizations and farm families to offer additional scholarships.** Both graduate and undergraduate students are encouraged to apply for the scholarships which they meet the eligibility requirements. The scholarships are for a one year period. A student may apply and be awarded a scholarship in three years from the scholarship fund. Application forms with complete instructions for applying are now available and can be received by stopping in at the Ashtabula County Extension Office or by calling 440-576- 9008. Applications can also be accessed at: <http://go.osu.edu/agscholarship>. The application deadline is **April 15th** and no late applications will be considered. More information can also be obtained by emailing, and submissions may be sent to, ashtabulacountyagscholarship@gmail.com

Ashtabula County OSU Extension and the Ashtabula County Cattlemen's Association are pleased to announce they will be awarding two youth beef scholarships for the 2023-2024 school year. One \$1,000 scholarship will be awarded to a deserving high school senior who will be attending an accredited full four year college or an accredited two year technical institute in 2023-2024. In addition, one \$500 scholarship will be awarded to a current College Student who is currently attending an accredited full four year college or an accredited two year technical institute. Applicants must be resident of Ashtabula County. The first preference by the Ashtabula County Cattlemen's Association is the scholarships be awarded to deserving students who have been involved in the beef industry as a youth. Applications must be received by the Ashtabula County Cattlemen's Association by **April 17th**, 2023 by 4:30 p.m. for consideration for the scholarship. No late applications will be considered. The application can be obtained at: Ashtabula.osu.edu. Additional information can be obtained by calling the Ashtabula County Extension office at 440-576-9008.

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

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu

Portage County Hiring ANR Educator

Apply: <http://go.osu.edu/portagejob>

Ohio State University Extension seeks an **Extension Educator, Agriculture & Natural Resources in Portage County, Ohio**, with an office location in **Ravenna, Ohio**. We seek a dynamic individual with a background in agriculture and natural resources for this amazing opportunity to work with a fun office team to serve the residents of Portage County. The Educator will work collaboratively with county, area, and state teams of professionals as well as local agency leaders and volunteers. The position will be responsible for a broad range of basic to complex duties that include: providing guidance and/or leadership to developing and conducting a proactive applied research and education program to meet current and future needs in farm management, livestock and crop production, consumer horticulture, commercial horticulture, farmland use issues, food security, innovative agricultural business opportunities, environmental quality and sustainability, renewable energy, and bio-based products. The Educator will plan, teach, deliver, disseminate, and evaluate educational programs and applied research on relevant local issues; Give leadership to the development of pro-active educational programs; maintain a high level of visibility and facilitate communications with a wide range of clientele to promote the understanding of agriculture and natural resource issues; Maintain a program of individual professional improvement in selected subject areas; ensure a diversity among potential clientele and learners and equal access to programs and facilities; Work closely with local advisory committees, commodity groups and volunteers to conduct needs assessment and priority setting to determine emphasis of educational programs; serve as an educational advisor and liaison for OSU Extension and the University to appropriate public issue and program related organizations. The Educator will identify, recruit, and develop the volunteer leadership necessary to carry out relevant parts of their programming including volunteer management, educational training, and program development with and for the Master Gardener Volunteer program in Portage County. The Educator will offer the Ohio Certified Volunteer Naturalist certificate program.

DEAILS & BENEFITS A detailed position description is available at the link below. Benefit package includes medical, vision, dental, retirement and more are available at the application site and a <https://hr.osu.edu/benefits> Ohio State University is an equal opportunity employer and is committed to ensuring diversity, equity, and inclusion. Details at cfaesdei.osu.edu.

WHAT IS OSU EXTENSION? We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and businessowners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. Watch a video about us at: <http://go.osu.edu/weareextension>

Northeast Ohio Agriculture

OHIO STATE UNIVERSITY EXTENSION
Ashtabula, Portage and Trumbull Counties

HOW TO APPLY Deadline for applications is April 16, 2023. To apply, go to: External Candidates – <http://go.osu.edu/portagejob> Internal Candidates - <http://go.osu.edu/portageinternal>

Upcoming Extension Events

Dinner Theater for Mental Health

April 11 – 6:00 PM – Pymatuning Valley Highschool Cafeteria

Cow-Calf School- **Postponed**

April 14 – 3PM to 7PM – Novak Townline Farm, Trumbull County

Ashtabula Ag Scholarships Due

April 15th

 THE OHIO STATE UNIVERSITY COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES		
Lee Beers Trumbull County Extension 520 West Main Street Cortland, OH 44410 330-638-6783 beers.66@osu.edu trumbull.osu.edu	Andrew Holden Ashtabula County Extension 39 Wall Street Jefferson, OH 44047 440-576-9008 holden.155@osu.edu ashtabula.osu.edu	Angie Arnold Portage County Extension 705 Oakwood St., Suite 103 Ravenna, OH 44266 330-296-6432 arnold.1143@osu.edu portage.osu.edu
<small>CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: http://go.osu.edu/cfaesdiversity.</small>		

8th Annual Chili Cook Off & Family Fun Night

Sponsored by Ashtabula County 4-H Camp Counselors

Friday, April 14, 2023

6:00 p.m. – 8:00 p.m.

Ashtabula County A-Tech Cafeteria B Building
1565 St Rt. 167 Jefferson, Ohio

**SOUP
too!**

New category
added for
2023!



Tickets \$6

2 tickets for \$10 (Pre-sale Only)

Children 3 and under Free

Tickets are available through any 4-H Camp Counselor or at
the O.S.U. Extension Office

Cornbread, dessert and beverage included.

Lots to see and do!

Basket Palooza

Many different Chili recipes to try.

Vote for your favorite!



All proceeds benefit the Ashtabula County 4-H Camp Counselors program.

For more information contact the O.S.U. Extension Office,
Abbey Averill 440-576-9008 or averill.10@osu.edu.



THE OHIO STATE UNIVERSITY
EXTENSION



[Click here for details.](#)

Ohio Department of Agriculture - Pesticide Exams

To get a new pesticide license, or to add a category to an existing license, producers need to pass one or more exams. Exams are offered at no cost, but registration is encouraged. Call your local office for more information.

◆ Northeast Ohio Test Dates ◆

Ashtabula County

Exams start at 9 AM

- February 2, 2023
- March 8, 2023
- April 4, 2023
- June 1, 2023

Geauga County

Exams start at 10 AM

- February 15, 2023
- March 22, 2023
- April 26, 2023
- May 24, 2023
- June 28, 2023

Trumbull County

Exams start at 10 AM

- February 13, 2023
- March 13, 2023
- April 10, 2023
- May 8, 2023
- June 12, 2023
- July 10, 2023
- August 14, 2023
- Sept. 11, 2023
- Nov. 13, 2023

Portage County

Exams start at 10 AM

- February 21, 2023
- March 21, 2023
- April 18, 2023
- July 18, 2023
- August 28, 2023
- Sept. 19, 2023
- October 24, 2023
- Nov. 28, 2023

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