NORTHEAST OHIO AGRI-CULTURE **NEWSLETTER**

Your Weekly Agriculture Update for Ashtabula, Portage and Trumbull Counties Nov 1, 2022



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Hello Northeast Ohio Counties!

Welcome to November!

Part one of three of the Farm Business Planning 101 webinar kicks off tomorrow! There is still time to sign up! Join us for 3 great programs from 6:30 - 8:30 PM on November 2nd, 9th, & 16th. Topics include Creating A Business Plan, Using Enterprise Budgets, LLC's and Liability, Intro to Insurance, An Intro to Farm, and Farm Service Agency (FSA) Programs. Each webinar featuring two speakers for a cost of \$25 or \$60 for all three. To sign up and learn more, visit:

WWW.GO.OSU.EDU/FBP22

Be safe and have a great week!

Lee Beers **Trumbull County**

Andrew Holden Ashtabula County Extension Educator Extension Educator **Angie Arnold Portage County Extension Educator**

Online Farm Business Planning 101 Starting November 2nd

Whether you are new to farming, or in need of a refresh on some key farm management topics, the Ashtabula & Trumbull County Extension Offices are offering a Farm Business Planning 101 series. This three-part online series will address common questions for new farmers related to taxes, budgets, and liability. Participants will also be able to ask questions related to their operations after each session.

This program will be offered online via Zoom on the three evenings of November 2nd, 9th, & 16th. Each date will feature 2 speakers and run from 6:30 PM to 8:30 PM. You can attend one, or all three sessions to fit your schedule and interests. The sessions will be recorded for viewing on your own time. Cost for each session is \$25, or you can register for all three sessions for \$60.

'Creating A Business Plan' with Andrew Holden from Ashtabula County Extension and Using Enterprise Budgets with Eric Richer from Fulton County Extension will be offered on November 2nd to assist with budgeting for your farm. The November 9th program will focus on protecting your farm through LLC's and insurance. This session will feature 'LLC's and Liability' with Robert Moore, Attorney at the OSU Ag Law Program and 'Intro to Insurance' with Tony Nye from Clinton County. The final session on November 16th will feature 'An Intro to Farm Taxes' with Barry Ward, OSU Income Tax Director and 'Farm Service Agency (FSA) Programs' with Jenna Pollard, County Executive Director for Ashtabula, Geauga, & Lake Co.

To register for all or any one of these programs, visit <u>WWW.go.osu.edu/fbp22</u>

For more information, please email <u>Holden.155@osu.edu</u>, call 440-576-9008, visit ashtabula.osu.edu, or trumbull.osu.edu.

2022 Ohio Soybean Performance Trials- All Yield Results Available

By: Laura Lindsey, Allen Geyer

Source: https://agcrops.osu.edu/newsletter/corn-newsletter/2022-38/2022-ohio-soybean-performance-trials-all-yield-results-available

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. A pdf copy of the trial can be downloaded

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here: https://stepupsoy.osu.edu/sites/hcs-soy/files/2022 OSPT All%20Yield%20Data for%20CORN%20newsletter.pdf

In the upcoming weeks, data will also be available for download on the Ohio Crop Performance Trials website- https://u.osu.edu/perf/ and will include soybean seed size and quality (protein and oil) information.

Soybean varieties were tested in six Ohio counties- Henry, Sandusky, Mercer, Union, Preble, and Clinton. Yield was greatest in Henry County, averaging 91 and 94 bu/acre for the early and late relative maturity trial, respectively. This location received 8.2 inches of rainfall in August. In Sandusky, Mercer, Preble, and Clinton County, average yield ranged from 67 to 81 bu/acre. However, in Union County, average yield was only 33 and 40 bu/acre for the early and late relative maturity trial, respectively, due to dry weather.

Combine Fire Prevention

By: Dee Jepsen, Wayne Dellinger, CCA

Source: https://agcrops.osu.edu/newsletter/corn-newsletter/2022-38/combine-fire-prevention

Take steps to prevent combine fires

Did you know Ohio ranks 4th in the nation for the number of reported combine fires? Other states leading the list include Minnesota (1st), Iowa (2nd), Illinois (3rd), Kansas (5th), Nebraska (6th) and South Dakota (7th).

While the majority of harvester fires start in the engine compartment, other locations on the combine can be at risk for fires. The primary heat sources causing fires include faulty wiring and over-heated bearings. Fuel sources for the fires can vary between leaking fuel or hydraulic oil, dry crop residues, and nests in engine compartments or exhaust manifolds from birds and wildlife.

TIPS TO PREVENT COMBINE FIRES INCLUDE:

• Have a daily maintenance plan during the harvest period. Keeping machinery well maintained plays a large role in preventing fires from these sources. Cleaning up spills, blowing off chaff, leaves, and other plant materials on a regular basis, proper lubrication of bearings/chains, and checking electrical connections should be part of the daily routine. Farmers may choose to do their daily maintenance in the morning while waiting for the dew to burn off the crops. However, performing maintenance at night will highlight any hot-spots or smoldering areas as the machine is cooling down. Removing chaff at the end of the day will reduce the amount of debris available to spark a fire.

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- Turn the combine engine off while refueling. By waiting 15 minutes for the engine
 to completely shut down and cool off, eliminates the chance of gasses to
 volatilize and ignite.
- Eliminate static electricity. A chain may also be mounted on the bottom of the machine to drag on the ground while in the field. This decreases the buildup of static electricity.

IF A FIRE BREAKS OUT, IT'S IMPORTANT TO HAVE AN EMERGENCY PLAN IN PLACE:

- Call 911 or your local first responders at the first sign of a fire. Don't wait to know
 if you can contain a fire yourself, rapid response is important to saving valuable
 equipment. Combine fires are often in remote locations where a specific address
 may not be available and access is limited. Emergency response times will be
 longer in these situations.
- Have (2) ABC fire extinguishers mounted on the combine.
 - A 10-pound ABC dry chemical fire extinguisher in the cab or near the ladder of the cab is quick access to protect the operator.
 - A second extinguisher (20-pound ABC) is recommended to be mounted on the outside of combines where it is accessible from the ground. It's possible that one unit will extinguish a small fire; having the second unit will help with any additional flare-ups.
 - Don't forget to check that the extinguishers are fully charged at the beginning of the season. If the fire extinguisher has already been used, it needs to be serviced and re-charged by a fire service agency.
- Have a water truck positioned by the field. Hot mufflers and catalytic converters from other vehicles driving in the field can pose a risk to the dry field fodder. Smoldering materials may go by 15 to 30 minutes before being noticed. A small gust of wind could rapidly turn that smoldering into a fire. In extreme dry conditions, a water truck may help protect against field fires. Never use water on fires that are electrical or fuel-sourced.
- Have an emergency plan in place and discuss it with the other workers or family members. Knowing what to do in the event of a fire emergency is important. Knowing the address to the field and how to contact fire departments directly instead of through the 911 system are important safety conversations for the entire harvest crew.

Fires of the farm cannot be predicted. However, being prepared and taking preventative measures - especially with forage harvesters - can reduce the damage when a fire strikes.

Dee Jepsen, Extension State Safety Leader, can be reached at 614-292-6008 or jepsen.4@osu.edu. Wayne Dellinger, ANR Educator Union County, can be reached at 937-644-8117 or dellinger.6@osu.edu.

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First large-scale solar energy project denied in Ohio

By: Peggy Kirk Hall

Source: https://farmoffice.osu.edu/blog/fri-10282022-830am/first-large-scale-solar-energy-project-denied-ohio

Highlighting a continuing trend in opposition to solar energy development across the state, the Ohio Power Siting Board has for the first time denied the application of a large-scale solar energy project. After a string of 34 OPSB-approved projects since 2018, the Birch Solar 1 project became the board's first denial when the OPSB determined the project would not serve the public interest.

The proposed project. The Birch Solar application proposed a 300 MW facility in Allen and Auglaize counties with solar panels on 1,410 acres and a total project area of 2,345 acres. Of the total, 2,132 acres are currently in agricultural use. The project would also include 22.5 miles of gravel access roads, an operations and maintenance building, underground and aboveground electric collection lines, meteorological towers, weather stations, inverters and transformers, a collector substation, a point of interconnection switchyard, and a 345-kilovolt generation interconnection electric transmission line. A six-foot cedar post perimeter fence would secure the project, evergreen fencing would limit impacts to neighboring viewsheds, and solar panels would be setback a minimum of 300 feet from adjacent non-participating residences and roadways.

OPSB's review. The OPSB had the duty of reviewing the project application to determine whether it satisfied the legal criteria in Ohio Revised Code 4906.10(A) for siting a major utility in Ohio. For a solar project, the criteria includes parts (A)(2) through (8):

- 2. The nature of the probable environmental impact;
- 3. That the facility represents the minimum adverse environmental impact, considering the state of available technology and the nature and economics of the various alternatives, and other pertinent considerations;
- 4. That the facility is consistent with regional plans for expansion of the electric power grid of the electric systems serving this state and interconnected utility systems and that the facility will serve the interests of electric system economy and reliability;
- 5. That the facility will comply with Chapters 3704., 3734., and 6111. of the Revised Code and all rules and standards adopted under those chapters and under section 4561.32 of the Revised Code;
- 6. That the facility will serve the public interest, convenience, and necessity;
- 7. What its impact will be on the viability as agricultural land of any land in an existing agricultural district established under Chapter 929. of the Revised Code that is located within the site and alternative site;

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8. That the facility incorporates maximum feasible water conservation practices as determined by the board, considering available technology and the nature and economics of the various alternatives.

The "public interest" factor and public opposition. OPSB focused most of its analysis of the Birch Solar application on part (A)(6), that the facility "will serve the public interest, convenience, and necessity." The board explained that the question of whether an application serves the public interest "must be examined through a broad lens and in consideration of impacts, local and otherwise, from the Project." The OPSB acknowledged that there can be potential public benefits to a proposed solar facility such as energy generation, economic benefits from employment and tax revenues, air quality and climate improvements, protecting landowner rights, and preserving agricultural land use. But the board stated that it must weigh a project's benefits against its impacts, especially impacts to those living near it. To do so, the board reviewed the application, evidence, and comments on Birch Solar and identified a primary concern: uniform and consistent public opposition to the project.

The two counties and four townships where Birch Solar would locate all opposed the project. Acting under new legal authority granted by Ohio's legislature last year, Auglaize County has restricted large-scale solar development in all incorporated parts of the county and Allen County has established most of the county as restricted from solar development. The Birch Solar application is unaffected by the designations since it was in process and grandfathered in before the new law, but OPSB noted that had the new law been in place, the county restrictions would have prohibited the project.

OPSB also reviewed evidence submitted by Allen County officials stating that there would be 1,278 residences, four schools, and six churches within one mile of Birch Solar's project area, and that the residents shared concerns about the project's lack of dedicated local power; its impact on land use, property values, drinking water, groundwater, drainage, and roadways; its decommissioning plan; and negotiations on distributing "payment in lieu of taxes" revenue to local governments.

Of the hundreds of public comments submitted on the Birch Solar application, OPSB determined that approximately 80% of the comments were in opposition to the project and that opposition reasons were similar to those raised by the local governments. Birch Solar argued that it had agreed to 40 stipulated conditions that would address opposition concerns and had offered to make "good neighbor" payments of \$10--\$50,000 and property value adjustments to adjacent landowners. Even so, the OPSB concluded that Birch Solar would not serve the public interest, convenience, and necessity requirement because of "unanimous and consistent opposition to the Project by the government entities whose constituents are impacted by the Project."

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What's next? The battle may not be over. Birch Solar has the right to request a rehearing and reconsideration of its application within 30 days of the OPSB decision. For now, the board's denial of the project might invigorate opposition groups that have formed in areas where projects are proposed. But note that on the same day OPSB denied Birch Solar, it approved Pleasant Prairie Solar in Franklin County, a 250 MW facility with a 2,400 acre project area and Harvey Solar, a 350 MW project of 2,630 acres in Licking County. And 15 more projects totaling 3,266 MW are currently pending before the OPSB. Whether local opposition will prohibit any of those projects is an issue we'll be watching.

Read more about the Birch Solar project in the OPSB case docket at https://opsb.ohio.gov/cases/20-1605-el-bgn.

BEEF 509 returns in 2023, registration now open

Source: https://u.osu.edu/beef/2022/10/26/beef-509-returns-in-2023-registration-now-open/

The long-running BEEF 509 program, hosted by the Ohio Cattlemen's Foundation (OCF), will be back in 2023. This educational opportunity will be held on Feb. 25 and March 4 and will be cohosted by the Ohio State University (OSU) Meat Science Extension and sponsored by the Ohio Beef Council (OBC).



BEEF 509 is an educational program designed to teach cattle producers about the food side of their business and how to utilize best management practices to improve beef quality and enhance profitability while learning about value within the beef chain.

It is designed for beef cattle producers, allied industry personnel including chefs and beef salespersons, veterinarians, teachers, Extension personnel and college students to learn more about the value of beef. Program participants learn about the importance of producing a more consistent and high-quality beef product through a series of hands-on lessons presented by various meat science faculty, staff and graduate students.

Participants are divided into teams, taught live animal evaluation, grid pricing systems, allowed to select live cattle through an "auction-like" setting and then follow those cattle through harvest, grading and a hands-on cutting session which provides participants

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with the opportunity to experience first-hand the differences encountered in carcass composition. The resulting information is then evaluated in terms of the value differences calculated between animals and how that translates back to value differences in the live animals that are not typically relayed to the producer under a traditional beef marketing scenario.

Topics for the event will include live cattle evaluation, beef harvesting procedures & innovations, carcass aging, grid pricing, beef industry updates, taste panel & shear force evaluation, genetic & environmental carcass merit factors, beef carcass grading & fabrication, live carcass & boxed-beef valuations and a Beef Quality Assurance certification will be earned.

A maximum of 30 program spaces will be available on a first-come, first-served basis. BEEF 509 will be held on consecutive Saturdays and it will be critical to attend each Saturday as participants will be assigned to teams that will work together for both days of the program. The live animal evaluation, grid pricing discussion and auction will take place on the first Saturday. Carcass grading and fabrication are among the activities planned for the second Saturday.

The program will run from approximately 8:30 a.m. to 7:00 p.m. each Saturday and will take place at the OSU Animal Sciences Building located at 2029 Fyffe Road, Columbus, Ohio 43210. Registration is \$175 per person and the deadline to register is Jan. 5, 2023.

For more information or to register for BEEF 509 visit www.ohiocattle.org/foundation or contact the OCF office at 614-873-6736.

2022 Ohio Maple Day

Source: https://u.osu.edu/vegnetnews/2022/11/01/2022-ohio-maple-day/

We are fast approaching the date for the **2022 Ohio Maple Day** event. Join us on **Dec. 10**th at Ashland University's John C. Meyer Convocation Center for a jam-packed program on all things maple. Updates on red maple research from both Ohio State's Gabe Karns and the University of Vermont's Proctor Maple Research Center's Abby van den Berg. Add to this other talks on reverse osmosis, marketing, and insects impacting maple trees.

A maple-themed lunch and a vendor room that features a variety of maple equipment dealers, consulting foresters, and other associated equipment help round out the day. There are also SAF continuing education credits available for the program.

You can register **here**

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Livestock Trailer Rollover Held for First Responders

By: Andrew Holden

Bloomfield, OH – On a sunny Saturday, October 22nd, 25 Northeast Ohio first responders gathered at the Bloomfield Livestock Auction facilities to receive training on traffic emergencies that involve livestock hauling. The three-hour training was organized by the Ohio State Extension Office of Ashtabula



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County and taught by Ashtabula County Extension Educator, Andrew Holden, and Ohio State University Beef Specialist, Dr. Stephen Boyles.

The event was generously sponsored by the NE Ohio Farm Bureaus, Nationwide Insurance, and Mark Bruns Agency. Fire departments from Ashtabula, Trumbull, and Geauga Counties, and the Ohio State Highway Patrol were all represented at the training.



The training came about in response to a livestock trailer rollover that happened in Trumbull County in 2021. While accidents like that are rare, they are always a possibility in rural counties intersected with major highways.

The goal of the training was to start the process of preparedness for livestock traffic accidents by encouraging local departments to assemble an emergency response plan. Some of those who responded to the 2021

accident were at the training and were able to share their experience and questions that came from that day. The ability to share experiences and have open conversations allowed for the group to learn from each other, not just the presentations.

The three-hour training consisted of presentations from both speakers on the history of the training, why emergency response plans are needed, humane euthanasia, emotional effects of livestock incidents, a hands-on tabletop exercise, a trailer tour of a semi-trailer and a smaller stock trailer, and a live animal handling demonstration. Livestock accidents add a level of complication to an already challenging situation. The Ohio State University Extension was pleased to have an opportunity to offer insight into these challenges from an agricultural perspective.

Moving forward, OSU Extension – Ashtabula plans to work with local first responders and Emergency Management Agencies on developing a contact list for livestock emergencies. Those interested in learning more about, or contributing to, this project



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OHIO STATE UNIVERSITY EXTENSION Ashtabula, Portage and Trumbull Counties

are encouraged to call Andrew Holden at 440-576-9008 or email Holden.155@osu.edu

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

2022 Ashtabula County Plat Book Available

The updated 2022 version of the Ashtabula County Plat Book is 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 are 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 office at (440) 576-9008.



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DATE:

November 2nd, 9th, & 16th

TIME:

No. 2022

Starts: 6:30 PM Ends: 8:30 PM

LOCATION:

Online via Zoom

COST:
\$25 Each
or
\$60 All Three

Register: GO.OSU.EDU /FBP22 **Ashtabula & Trumbull County Extension Presents**

Does it Pencil Out? Farm Business Planning 101

Whether you are new to farming or just need a refresh on some key farm management topics, look no farther than this Farm Business Planning 101 series. This three-part series will feature a wide range of management topics and offer time for audience participation and questions. Depending on your needs and interest, you may choose any of the programs offered in the series or save and attend all three. Sign up today to secure your spot!

November 2nd

- Creating A Business Plan with Andrew Holden Ashtabula Co
- Using Enterprise Budgets with Eric Richer Fulton County

November 9th

- LLC's and Liability with Robert Moore Attorney OSU Ag Law Program
- Intro to Insurance with Tony Nye Clinton County

November 16th

- An Intro to Farm Taxes with Barry Ward, OSU Income Tax
 Schools Director
- Farm Service Agency (FSA) Programs with Jenna Pollard County Executive Director for Ashtabula, Geauga, & Lake Co.

To register, visit WWW.GO.OSU.EDU/FBP22 or Email: Holden.155@osu.edu



Arhtabula County 33" Annual Beef Banquet



November 5th, 2022 - 7:00 p.m. Expo Building at the Fairgrounds 127 N Elm St, Jefferson, OH 44047

Tickets for the prime rib dinner are \$30 per person. The dinner is dine-in only. Ticket includes your 2021 membership into the Ashtabula County Cattlemen's Association. The proceeds from the Beef Banquet will fund the ACCA Student Scholarship, as well as multiple educational events throughout the year. This year's banquet will include live entertainment, ticket drawing prizes, and a great Prime Rib Dinner!

To purchase/reserve banquet tickets, call or text a director:

David Nye 330-559-9846

Evan Flack 440-221-1668

Garret Love 419-566-6570

Bryan Elliot 330-240-5533

Kate Cole 440-850-1600

OSU Extension 440-576-9008

CFAES

OHIO STATE UNIVERSITY EXTENSION

Pesticide License Expires 2023? Attend the NE Ohio "Earlybird" PAT Session

The Ohio State University, Lake County Extension. Ann Chanon Agriculture Resource Educator



Save the date! Wednesday, November 9th, 2022
1:00 p.m. to 5:00 p.m.

The Richard L. Martin Learning Center 1981 Blase Nemeth Rd. Painesville, Ohio 44077

Pesticide Recertification - \$35 Fertilizer Recertification - \$10

Does your Private Pesticide Applicator and/or Fertilizer license expire in 2023? Want to get your PAT credit done early? Want to learn about what new pests and diseases are on the horizon?OSU Extension in NE Ohio will again be offering our "Earlybird" session on November 9, 2022 at the U-Lab 1981 Blase Nemeth Rd., Painesville, Ohio 44077 Pesticide recertification will be from 1 p.m. to 4 p.m. with fertilizer recertification following at 4 p.m.- 5 p.m. Register by completing the form on the back of this flyer and mailing with payment to OSU Extension Lake County, 105 Main Street Suite B402, Painesville, OH 44077. Please make checks payable to OSU Extension.



Earlybird PAT/ FACT Recertification

November 9th 1p.m. -5 p.m. The Richard L. Martin Learning Center (U-LAb) 1981 Blase Nemeth Rd., Painseville, OH 44077

Name				
Address				
City		State	Zip	
Phone		Email		
Number of People Attending:				
Private Applicator Recertification X \$35 per person = \$			= \$	
Fertilizer Applicator Recertification		>	X \$10 per person = \$	
Late Fee (after Nov. 4 , 2022)		>	X \$25 per person = \$	
		-	Total :	\$

Please make checks payable to: OSU Extension

Mail registration to: OSU Extension Lake County, 105 Main Street Suite B402, Painesville, OH 44077

Contact Ann Chanon at 440-853-2630 or by email at chanon.1@osu.edu for more information.

Can't attend on Nov. 9th? Other PAT offerings will occur in 2023 in Ashtabula, Geauga, and Trumbull Counties. Beat the Snow and Cold; sign up NOW!





