

Morrow County SCARLET & GRAY News

Volume 19 Issue 2 • June/July/August 2023

CFAES COLLEGE of FOOD, AGRICULTURAL, and ENVIRONMENTAL SCIENCES

Forages for Horses Webinar Series

The virtual Forages for Horses course will consist of four 60-minute webinars offering a variety of pasture and management topics. Once registered, attendees will be granted access to the course on the OSU digital platform- Scarlet Canvas within which webinar recordings and complementary resources will be available through August 30, 2024. Participants that attend all four webinars will have the opportunity to earn a certificate of completion.

Live Webinar Schedule & Topics:

1. Wednesday, August 30th 7:00 PM- Hay Day
2. Wednesday, September 13th 7:00 PM- Maximizing Pasture
3. Wednesday, September 27th 7:00 PM- Grazing for Health- Pasture Myth Busters
4. Wednesday, October 11th 7:00 PM- Heavy Stocking Rates & Associated Issues


'Straight from the Horse's Mouth' a Q&A session with experts will follow each webinar until 8:30 PM

Cost of the course is \$75 which includes a digital copy of the Forages for Horses Manual. A physical copy may be added to cart at checkout. Current and new members of the Ohio Forages and Grasslands Council are eligible for a \$15 discount on registration. **Register by visiting:** <https://go.osu.edu/foragesforhorsesregistration>

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Scan to Register!






Drive-it-yourself Ag Tour June 17

The Morrow County Farm Bureau will host a drive-it-yourself Agricultural Tour of Morrow County on June 17. The tour begins at 12:30 p.m. at Fisher Ag Services and includes an aerial application service, plus reigning horse and cutting horse facilities.

The family-friendly event is free to attend and open to the public. Tours and demonstrations will give attendees insight on the local agricultural industry.

The tour stops include:

1. Fisher Ag Services
4579 Mt. Gilead-Cardington Road

2. Scott McFarland Performance Horses
Jim and Linda Potts, Breez E Noll Farm

3. JM Cutting Horses LLC
4292 County Road 98, Mt. Gilead
- More tour information and a map will be available at all locations.

The event is sponsored by the Morrow County Farm Bureau. For more information, please visit morrow.obf.org, email morrow@obf.org, or call 419-747-7488.



Ohio DOA announces free farm pesticide disposal collection events

The Ohio Department of Agriculture (ODA) will be sponsoring three collection events for farmers wishing to dispose of unwanted pesticides. This year, the collections are happening in Morgan, Putnam and Miami counties on the following days and locations:

- August 9, 9 a.m.-3 p.m.: Morgan County, Morgan County Fairgrounds 2760 South Riverside Drive, McConnelsville, Ohio 43756

- August 10, 9 a.m.-3 p.m.: Putnam County, Putnam County Fairgrounds, Gate 5 1206 East Second Street, Ottawa, Ohio 45856

- August 22, 9 a.m.-3 p.m.: Miami County, Miami County Fairgrounds, North Gate 650 North County Road 25A, Troy, Ohio 45373

The pesticide collection and disposal services are free of charge, but only farm chemicals will be accepted. Paint, antifreeze, solvents and household or non-farm pesticides will not be accepted.


The pesticide collections are sponsored by ODA in conjunction with the U.S. Environmental Protection Agency. To pre-register, or for more information, contact the Ohio Department of Agriculture at 614-728-6987.

Current Resident or

Ohio State University Extension
5362 US Highway 42
Suite 101
Mt. Gilead, OH 43338

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AGRICULTURE

"Farm On" Farm Financial Management Course is Now Online!



Carri Jagger
Ag & Natural Resources Educator
(jagger.6@osu.edu)

By Peggy Kirk Hall, Attorney and Director,
Agricultural & Resource Law Program
Friday, April 7th, 2023

We're excited to announce that our new farm financial management online course is now available. Named "Farm On," the self-paced, on-demand farm financial management course was created by our Farm Office team under the leadership of new Farm Management Field Specialist Eric Richer. It is offered through OSU Extension's new Farm Financial Management and Policy Institute.

We created the Farm On course 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 prof-

itable and responsible along the way. 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.

The 10-module Farm On course includes video lessons, quizzes, and opportunities to apply knowledge gained through graded course exercises. Students can engage with the lead course instructor through virtual office hours and scheduled appointments. The course covers the following topics:

- Farm Business Planning
- Balance Sheets
- Income Statements
- Cash Flow Projections
- Calculating Cost of Production
- Farm Record Keeping
- Farm Taxes
- Farm Financing
- Risk Management
- Farm Business Analysis

The Farm On course allows CFAES to serve the needs of all farmers through OSU Extension and our Farm Financial Management and Policy Institute, 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 two 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. The Farm On course costs \$300 per person.

"OSU's Farm On course is a great way to help Ohio farmers qualify for Ohio Department of Agriculture's (ODA) 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."

According to 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. OSU's Farm On course is now 1 of 5 approved vendors for our borrowers in Ohio."

CFAES' new Farm Financial Management and Policy Institute 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. 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," said Tadd Nicholson, executive Director of Ohio Corn and Wheat.

Farm On isn't just for new and beginning farmers. The 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. 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 learn more, view our video and to sign up for Farm On, go to osu.edu/farmon.

Save the Dates!

• August 22nd at 6:00 p.m. at the AgCredit building conference room: **Establishing and using Perennial Warm Season Grasses for Livestock and Wildlife.** Jason Jones and Noah Cable from Ohio Pheasants and Quail Forever

• August 23rd from 10-3 p.m. at the Headwaters Outdoor Education Center: **Agromony Field Day: Corn Nitrogen Trials, Biological Seed Treatment Trials** and research update, an update about Ohio State University Extensions

Corn Vomitin Research. Speakers for the day include: Jason Hartschuh – Extension Field Specialist, Agriculture and Natural Resources Dairy Farm Management and Precision Livestock, Osler Ortez – Corn and Emerging Crops, Department of Horticulture and Crop Science, Morrow Soil and Water Conservation District, OSU Extension – Morrow County. This is a free event, lunch will be provided and Pesticide applicator credits will be offered.

OSU EXTENSION – MORROW COUNTY MASTER GARDENER VOLUNTEERS PRESENT: 2023 Spring and Summer Horticulture Series

OSU Extension Morrow County Master Gardener Volunteers would like to invite you to join them for their 2023 Garden Series. They will be offering various garden topics for the community throughout the year.

Classes are open to anyone that wants to learn.

June 11th at 2:00 p.m. Headwaters Outdoor Education Center: Gardening to Attract Birds

June 14th at 6:00 p.m. Selover Library – Chesterville:
Hypertufa Container Make and Take RSVP with OSU Extension

June 21st at 11:00 p.m. Perry Cook Memorial Library – Johnsville: Creating Pollinator Friendly Yards

July 11th at 6:00 p.m. at Headwaters Outdoor Education Center: Summer Garden Care

July 13th at 10:00 a.m. Selover Library – Chesterville: Common Garden Insects

August 7th at 6:00 p.m. Headwaters Outdoor Education Center:
Growing a Cut Flower Garden and Arranging Cut Flowers

August 9th at 6:00 p.m. Selover Library – Chesterville: Harvesting Produce and Preserving It

September 26th at 6:00 p.m. Headwaters Outdoor Education Center: Horticulture Plant and Book Swap, bring plants from your yard to share and books or magazines you no longer use to share with others.

October 11th at 6:00 p.m. Selover Library – Chesterville: Concrete Pumpkin Make and Take

November 9th at 10:00 a.m. Selover Library – Chesterville: Poinsettia, Cut and Live Christmas Tree Care

November 9th at 2:00 p.m. Perry Cook Memorial Library – Johnsville: Poinsettia, Cut and Live Christmas Tree Care

November 27th at 6:00 p.m. Mt. Gilead Library Annex: Wreath Decorate and Take Fee: \$45.00

November 28th at 6:00 p.m. Cardington Library: Wreath Decorate and Take Fee: \$45.00

November 29th at 2:00 p.m. and 6:00 p.m. AgCredit Building: Wreath Decorate and Take Fee: \$45.00

December 14th at 2:00 p.m. Perry Cook Memorial Library – Johnsville: Feeding Birds for Winter

December 20th at 6:00 p.m. Selover Library In Chesterville: Feeding Birds for Winter and Suet Make and Take



Follow us on Facebook: Ohio State University Extension—Morrow County
Watch us on YouTube: OSU Extension Morrow County
Scan the QR code to sign up for the weekly Ag and Horticulture Blog

Contact Information: Carri Jagger ANR Educator 419-947-1070 jagger.6@osu.edu



THE OHIO STATE UNIVERSITY
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The Farmland Owner's Solar Leasing Checklist

By Peggy Kirk Hall,
Assoc. Professor & Field Specialist and
Evin Bachelor, Law Fellow, OSU Extension
Agricultural & Resource Law Program
Entering into a long term solar lease is a big decision. Whether you're just starting to think about leasing your land for solar energy development or already have a lease offer awaiting your signature, the best time to make sure that a solar lease is in your best interest is now, before you sign.

This law bulletin provides a number of things to do, issues to consider, people to consult, and questions to ask before and after signing a lease. The checklist is not an exclusive list. It's a starting point to help you get organized and to spark other questions about your situation. We've provided additional lines for you to add your own questions to the checklist.

Before Signing a Lease

1. Read the Farmland Owner's Guide to Solar Leasing. Our online guide is intended to help you understand solar energy development in Ohio, initial considerations for leasing, legal documents used in leasing, and common solar lease terms. It can help you have the conversations you need to have before deciding if you want a solar energy project on your land. The guide is available for viewing or downloading at no cost on the OSU Extension Farm Office website at <http://www.farmoffice.osu.edu/>.

2. Assemble your team of experts. You don't have to make an important decision like this on your own. Include the following on your team of experts who can help you make an informed decision: attorney, accountant, insurance provider, lenders, Extension educators, family members, business partners, neighbors.

3. Research the solar energy developer. It's always a good idea to know who you're dealing with in a business transaction. Research the developer who's contacted you about a solar lease. Does the developer have a good reputation with other leasing landowners, the Better Business Bureau, Public Utilities Commission, and Attorney General? Does it have other solar energy projects pending or in existence, and any problems with existing projects? Your own research and your team of experts can help you answer these questions.

4. Talk to your family. A solar lease can take a lot of land for a long period of time. Consider the following questions to make sure that you understand what this lease would do to your land, your family, and your plans for the future.

- How would the land and farm operation be impacted by this lease?
- What are the family's long term goals for the farm, and does this lease interfere with or support those goals?
- How does the family feel about not being able to use the land for a long period of time?
- How does the family feel about seeing and living with a large scale solar development on the farm?

5. Seek out Extension experts. OSU Extension

has expertise that can help guide you in the decision making process. Check out OSU Extension's Energize Ohio website, https://go.osu.edu/utility_solar, for information about solar energy. A few questions Extension experts might help with include:

- Is there any data on rental values and crop damage payments in my area for solar leases?
- Are you familiar with this solar energy developer or its reputation?
- Can you connect me with other landowners in the area who have or are considering solar leasing?

6. Read all documents carefully and with professional assistance. The documents a solar developer gives to you can be legally binding once you sign them. Don't sign anything you don't understand. Make sure your team of professionals know about these documents, and let them help you review them.

7. Consider the terms of the solar lease. On the first read through, you don't have to understand everything in the lease. Note anything you don't understand so that you can ask questions and gain a clear understanding of what the lease proposes. Specific terms in the lease to review include these, which we explain further in the Farmland Owner's Guide to Solar Leasing:

- ___ Accurate description of the property and parties
- ___ The term of each lease period, when each period begins and ends, and the total length of the lease
- ___ Whether renewal is permitted, how to renew, and length of renewal periods
- ___ Rental payments, inflation adjustments, and how each will be calculated
- ___ Whether farming and similar activities can continue prior to construction of the facility
- ___ Who pays for penalties for withdrawal of land from CAUV and government programs and termination of farmland leases
- ___ How to deal with existing mortgages
- ___ How damages to crops, improvements and drainage will be addressed
- ___ The types and extent of easements granted
- ___ Obligations of the landowner, such as non-interference and confidentiality requirements
- ___ Post-construction clean up obligations
- ___ Limitations on owner improvements such as new buildings, fences and tree plantings
- ___ Responsibility for maintaining vegetation, weeds, access points, driveways and fences
- ___ What happens if either party terminates early
- ___ Clean up and restoration of the property at lease end, including set aside funds for clean up
- ___ Landowner's hunting and recreation rights
- ___ Potential interferences with mineral rights
- ___ Indemnity and insurance provisions
- ___ How conflicts will be resolved, including

requirements for arbitration and waiver of jury trial

___ How weather and acts of God affect obligations

___ Handling of proceeds from eminent domain actions

___ Payment of attorney fees if disputes arise

8. Meet the solar energy developer. Entering into a solar lease means entering into a long term business relationship with a solar energy developer. It's important to determine early on what kind of business relationship you would have and to review important lease provisions with the developer. The following questions can help.

- How long has your company operated in Ohio?
- How many similar projects have you completed?
- Can you refer me to other landowners that your company has partnered with?
- What is your timeline for this project?
- Do you intend to sell the solar facility after it's constructed?
- Will your company cover my expenses to have an attorney review the lease?
- What ingress and egress paths will be needed for construction and post-construction?
- How frequently will your agent(s) be on site?
- What will my land look like after the project has ended and been cleaned up?
- What are your procedures for cleanup?
- How do you handle property maintenance, and are there opportunities for grazing or haying on the site?

• What happens if or when someone from your company causes damage to my crops?

• What happens if or when someone from your company causes damage to my drainage tile?

- Will you notify me and neighbors when construction will begin?
- Do you take precautions to protect nearby lands from harm during construction, such as organic farms and home businesses?
- How can I contact your company?
- How quickly can I expect a response to a question or concern?
- Will you add verbal promises to the written lease?

9. Review the lease with your attorney. An attorney can ensure that you understand the lease. An attorney with experience in advising agricultural clients may have additional insights into provisions farmland owners should negotiate to include in their leases, such as crop damages and land use rights.

- How many solar energy leases have you reviewed?
- How much do you charge to review and negotiate the lease?
- Are you familiar with this solar energy developer or its reputation?
- Can you answer these specific questions I have about the lease provisions?
- What protections for me, my family and my farm are missing from the lease?
- How does this lease affect my estate plan and farm transition plan?



Warm Season Annuals for Livestock and Wildlife

Do you need to extend your grazing season for your livestock?

Do you want to plant a wildlife food plot?

If you are asking yourself these questions, come and learn about using warm season annuals to extend your grazing season or to create a good plot to attract wildlife to your property.

WHEN: June 27th, 2023

TIME: 6:00 p.m.

WHERE: Ag Credit Building Conference

Room, 5362 US Hwy 42, Mt. Gilead, OH 43338.

Presented by OSU Extension - Morrow

County. For more information, call 419-947-

1070.

AGRICULTURE

A Quick Look: Licenses for Selling Farm Food Direct to Consumers

By Peggy Kirk Hall, Assoc. Professor, OSU Agricultural & Resource Law Program, and Emily Marrison, Family and Consumer Sciences Educator, OSU Extension Coshocton County

We receive many questions from farm food entrepreneurs about when a license is necessary for selling meat, eggs, produce, baked goods, and similar foods directly to a consumer. This chart offers guidance for quick answers to food license questions, organized by food product. For more details, refer also to our law bulletin, *Selling Farm-Based Foods at the Farm. Do You Need a*

License? and other food law bulletins in the law library on farmoffice.osu.edu. Note that situations can vary, so review and confirm your specifics with the Ohio Department of Agriculture (ODA) and your local health department.

Selling frozen meat in individual portions. You may sell cuts of beef, pork, and other livestock if the meat is processed and labeled by a meat processor that meets federal regulations and is "fully inspected" by ODA.

- The meat must display the inspection symbol on the package along with an ODA approved label. The processor can use its approved label unless you want to make special marketing claims about the product, such as "certified angus." In that case, the processor will need to submit your special label to ODA for approval.

- You don't need a license to deliver frozen meat directly from the processor to a customer.

- If you bring the frozen meat back to the farm for storage and direct sales at the farm, ODA requires you to obtain a "warehouse license" from ODA. The license involves an inspection of the storage area, which must be clean, free of pests, and separate from the house in a barn or garage. Note that ODA waived this license requirement

during COVID emergencies.

- You might also need a Retail Food Establishment license from your county health department, so check in with the county. You'll definitely need an RFE license to sell the meat at a farmer's market or from a transported freezer, both of which require proper temperature control. Once you obtain the RFE license, you may use the same license to sell the meat in any Ohio county.

Selling animals for custom operator processing. You don't need a license to sell a whole, half, or quarter of an animal (but no less than a quarter) to a customer who will have it processed by a custom operator. The law allows you to deliver the animal to the processor and deliver frozen meat from the processor to the customer. You cannot bring any individual portions back to the farm for sales to other customers who did not purchase all or part of the animal.

Selling chickens processed at the farm. Growers may be surprised to learn that no license is required to process and sell up to 1,000 birds per year at the farm where the birds are raised. But if a grower sells the birds along with other food items such as produce, then the grower must register as a farm market and be inspected by ODA.

Selling eggs. A grower does not need a license to sell eggs produced at the farm where sold, as long as the grower has 500 or fewer birds. But if a grower wants to sell eggs through a farmer's market or sells other low risk foods along with eggs, either a Farm Market registration and inspection from ODA or a Retail Food Establishment license from the county health department is necessary.

Selling produce. Selling only fresh, unprocessed produce does not require any licensing. However, if selling other low risk foods along with produce, a grower must either register as a farm market through ODA or obtain a Retail Food Establishment license from the county health department.

Selling multiple food items. Regulation increases when a grower offers multiple types of

food items for sale. If those items are "low risk," the grower must register as a farm market with ODA, which involves a site inspection. If higher risk foods are involved, such as meat, eggs from offsite or from more than 500 birds, or dressed poultry from offsite or from more than 1,000 birds, the grower must obtain a Retail Food Establishment license from the county health department.

Selling cottage foods and home bakery goods. Many home-prepared packaged foods such as cookies, breads, jams, granola, snack mixes and more fall under Ohio's cottage food law and require no licensing, but there are labeling requirements. Refrigerated baked goods require a home bakery license and also have labeling requirements. For more information, see our law bulletins, *Ohio's Cottage Food Law and Ohio's Home Bakery License: What's Required?* in the law library on farmoffice.osu.edu.

Where to find more information

- License and registration information from the Ohio Department of Agriculture is available on its website, <https://agri.ohio.gov>. Check the Food Safety Division and the Meat Inspection Division for additional information and FAQs.

- A list of federally inspected meat processors is available through an interactive county map at <https://agri.ohio.gov/divisions/meat-inspection/meat-district-coverage-map>

- The warehouse registration is at <https://agri.ohio.gov/divisions/food-safety/licenses/Registration>

- The farm market registration is at <https://agri.ohio.gov/divisions/food-safety/forms/farm-market-registration-form>

- The home bakery registration is at <https://agri.ohio.gov/divisions/food-safety/licenses/Home-Bakery-Registration>

- Locate your local health department with this search tool from the Ohio Department of Health: <https://odh.ohio.gov/wps/portal/gov/odh/find-local-health-districts/find-local-health-districts>

- OSU's food law bulletins are available on <http://farmoffice.osu.edu/our-library/foodlaw>.



Ohio Woodland Stewards Program

Are you a woodland owner who would like to produce an annual income from their property? It can be difficult to achieve an annual income but maple production may be the answer.

The Ohio Woodland Stewards Program will be held on Thursday, June 15, 2023 at Holden Arboretum, 9550 Sperry Road, Kirtland, OH 44094.

This class will introduce woodland owners to the ins and outs of maple syrup production. Is your woods suitable? How involved do you want to be? How much are you willing to invest into such an endeavor? We will start inside and finish the day outside looking at equipment options.

The class fee will be \$40 and includes lunch and materials. Deadline to register is June 8, 2023.

Class Agenda

- 9:30 am - Introductions
 - 9:40 am - What maples do you have?
 - 10:00 am - Healthy trees & healthy forests
 - 10:30 am - Hobby vs Larger operations
 - 11:00 am - ree to bottle: The syrup making process
 - 12:00 pm - Lunch
 - 12:45 pm - Site/woods assessment
 - 1:45 pm - Sap Collection System demo
 - 2:30 pm - Taps & tapping demo
 - 2:45 pm - Sales, marketing and value added products
 - 3:30 pm - Adjourn
- Up to date class location information and registration is available on our website at <http://woodlandstewards.osu.edu> or email us at ohiowoods@osu.edu or 614-688-3421



Woodland Maple

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____

Email _____

Have you participated in an Ohio Woodland Stewards Program before? Yes No

Pre-Registration is Required

Deadline to Register is:

June 8, 2023

Online Registration with Payment is Available at:

<http://woodlandstewards.osu.edu>

Make check or money order for the full amount payable to:

The Ohio State University

\$ attending x \$40 = _____

Send payment to:

Ohio Woodland Stewards Program

210 Kottman Hall

2021 Coffey Road

Columbus, OH 43210

Questions?

614-688-3421 or ohiowoods@osu.edu

Poison Hemlock: Time to Take Action!

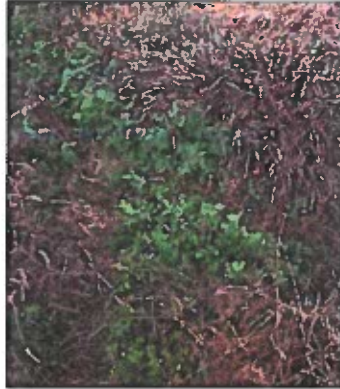
By Stan Smith, PA, OSU Extension,
Fairfield County

As we've discussed a couple of times in the past, poison hemlock is a biennial member of the carrot family that can be fatal to livestock if ingested in sufficient quantities. That said, while much of the poison hemlock we're seeing today has been alive but dormant much of the winter, those plants are now in the early stages of bolting across much of Ohio, and also positioned nicely to be controlled at this time.

While the taste of poison hemlock leaves to livestock is unpleasant and toxic quantities are seldom consumed, if grazing animals are turned out in early spring onto pastures with less than adequate forage, the risk of ingesting a lethal dose is greater. Cattle can usually survive poison hemlock if consumed in amounts less than 0.4% of their body weight (4 to 5 pounds for mature cows) although abortions are possible at lower rates. The toxicity of the plant changes little if fermented with silage or dried in hay later in the spring.

Crossbow, dicamba and 2,4-D are effective on small poison hemlock plants in rosette or the early stages of bolting. And, if planning to use a selective broad-leaf killing herbicide for control of this plant, there are a number of advantages to using it now. The volatility of products like dicamba presents less risk this time of year since few sensitive crops or landscape plants are up and growing. Herbicide pre-harvest intervals or any grazing restrictions are more easily managed now rather than later in the spring. And perhaps last but not least with Ohio weather presently allowing little if any field work to be done, the use of a backpack sprayer and ATV are ideal for scouting out and spot spraying poison hemlock right now while minimizing field damage.

Taller plants may need to be controlled with glyphosate, however the use of glyphosate can become a long term problem because it also



Poison hemlock plants in Seneca County, Ohio in January of 2017

eliminates desirable grass plants that provide competition for newly germinating hemlock and other weed species. This can be particularly problematic in early spring along road ditches and fence rows that border pasture fields by allowing early grazing livestock easy access to hemlock once desirable pasture forages have been consumed.

Mowing after the plants have bolted and before seed set is effective for preventing seed production. Hand pulling or cutting maturing plants is also an option. While all parts of the plant are poisonous including the leaves, stems, seeds and roots, simply handling the plant seldom causes a toxic reaction in humans, however, care should be taken when mowing or hand cutting the plants since ingesting it through the eyes, open wounds, or orally does cause poisoning.

You may recall that perhaps poison hemlock's most famous claim to fame was when it was used to execute Socrates in 399 B.C.



Photo above taken May 8, 2015. Photo below taken on April 3, 2017. The moral of the story: If poison hemlock is allowed to go to seed each year, it will continue to be found in that same place each year, and is likely to spread!



Early stages of bolt, in Fairfield County on April 2, 2017.

6th Annual

Midwest Mechanical Weed Control

FIELD DAY

Wednesday, Sept. 27, 2023
Ohio State University's Wooster Campus
 1680 Madison Avenue, Wooster OH 44691

Weeding Machines for Vegetables & Row Crops

- Meet manufacturers and importers of cultivation tools at the trade show
- Field demos – all afternoon, see tools run in corn, cabbage, and beets
- Hear experts on weeding tools and techniques
- Meet with farmers from all over the Midwest and Canada
- All scales: From two-wheel tractors up to 12-row camera-guided cultivators

For questions, or to collaborate, please contact Crystal at 217-840-2128.
 Scan the QR code to register or visit <https://www.thehoonconnection.org/event/2023-mw-cw/>



SCAN ME



THE OHIO STATE UNIVERSITY
 1320 NEPHEW LANE, COLUMBUS, OH 43210-1320



THE LAND CONNECTION
 1000 W. 10TH AVENUE, SUITE 100, DENVER, CO 80202



THE LAND CONNECTION



THE LAND CONNECTION

OSU EXTENSION CALENDAR OF EVENTS

JUNE 2023

- 1 Possession Of All Livestock Projects
- 1 Horse Forms Due
- 3 Feeder Calf Mandatory Pre-Fair Registration, 8-11 a.m., Large Show Arena
- 5 Jr. Fairboard, 7 p.m., Fairgrounds
- 6 Registration Due: Illustrated Talks or Demonstration
- 6 Registration Due: Marketing Contest
- 6 Registration Due: Public Speaking - LEGO Edition
- 7 Jr. Fair Entries Due
- 9 Early Judging Registration Due
- 9 Market Broiler Order Due
- 12 Illustrated Talks or Demonstration, 6 p.m., Ag Credit Building
- 12 Public Speaking - LEGO Edition, 6 p.m., Ag Credit Building
- 13 Food Safety & Food Preservation ~ Get Your Questions Answered, Selover Public Library, Drop in between 4:30 & 6:30 p.m.
- 15 Horse & Pony Committee, 8 p.m., Ag Credit Building
- 15 4-H Camp Registration Due, Watch email for information
- 17 Drive-It-Yourself Ag Tour – 12:30 p.m., Starting at Fisher Ag Services
- 17 & 18 Horse PAS Shows

- 19 Early 4-H Project Judging (Registration Due June 9th)
- 21 Registration Due: 4-H STEM Camp
- 22 Sr. Fairboard, 7 p.m.
- 27 Warm Season Annuals for Livestock & Wildlife – 6 p.m., Ag Credit Building Conference Room
- 28-30 4-H STEM Camp
- 29 Occasional Quantity Cooks, Ag Credit Building, Mt. Gilead, OH 7-8:30 p.m.
- 30 Marketing Contest projects due

JULY 2023

- 9-13 4-H Camp
- 13 Broiler Pickup – 12:30 p.m., Fairgrounds (bring boxes)
- 14 Registration Due: Cloverbud Fun Day
- 17 4-H Project Judging
- 18 4-H Food & Clothing Judging
- 18 Home Food Preservation: Canning for Newbies, Morrow County Community Services Room, 619 West Marion Rd, Mt. Gilead OH, Entrance B, 4:30 p.m.
- 20 Horse & Pony Committee, 8 p.m., Ag Credit Building
- 22 Cloverbud Fun Day
- 25 4-H CARTEENS, Ag Credit Building Conference Room, 6:30 p.m.

- 27 Sr. Fairboard, 7 p.m., Fairgrounds

AUGUST 2023

- 3 Market Rabbit Mandatory Registration, 5-8 p.m., Youth Building, Fairgrounds
- 3 Pullorum Testing, 6 p.m., Youth Building, Fairgrounds
- 7 & 8 Skillathon (By Club – Schedule TBA)
- 16 Financial Technology: Just the basics please, Mt. Gilead Public Library, 6 p.m.
- 17 Horse & Pony Committee, 8 p.m., Ag Credit Building
- 22 Establishing & using Perennial Warm Season Grasses for Livestock & Wildlife – 6 p.m., Ag Credit Building Conference Room
- 23 Agronomy Field Day: Corn Nitrogen Trials, Biological Seed Treatment Trials – 10 a.m.-3 p.m., Headwaters Outdoor Education Center, Ag Credit Building Conference Room
- 23 Consumer Scams!, Mt. Gilead Public Library, 5:30 p.m.
- 24 Sr. Fairboard, 7 p.m.
- 27 Drug Use Notification Form (DUNF) Due by 12 noon
- 28 Fair Move In Day

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