

Cooperative **CONNECTION**

Covering county news and events for Extension programs, including
Agriculture & Natural Resources and 4-H Youth Development

HAPPY NEW YEAR!



JANUARY - FEBRUARY | 2021

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Letter from the Editors



Dear Readers,

We hope you are having a wonderful start to the New Year and enjoying the snowfall we've seen over the last month! Now that you have made it through a wild year for the history books, you may be looking forward to 2021. We know we are!

Over the past year, we have undergone major changes in the way we do programming, and moving forward into the new year, some of those changes will remain while others will eventually be lifted. A good example of this is the numerous recordings we now have available from the past year that will continue to be available into 2021. We will continue to make new videos and online courses that you can access when you need or want to, and event registrations will still be accessible on the web. We hope that sometime in the near future we will be able to go back to having in-person events - virtual will not be forever. Fair, field days, and trainings are currently on our calendars for the summer and fall months.

The Jefferson County Extension Office will be closed to the public December 21st through January 1st. Staff continue to work remotely to meet your needs. Please reach out to us through phone emails and social media contacts. We are still here, ready and willing to serve you...

As a general reminder - when we are able to go back to appointment hours, please come prepared and follow social distancing guidelines. We are requiring anyone entering the office to wear a mask - if you do not have a mask, one will be provided. We are also offering curbside assistance or can meet you on the main floor of the building - just call when you arrive during appointment hours and someone will be down to meet you. Remember - if you feel sick, stay home!

For a calendar of public events, see page 5. County Extension offices will be closed on January 1 and January 18 for New Years and Martin Luther King Jr. Day, respectively. For county Extension updates, stay tuned at jefferson.osu.edu or follow us on Facebook (@JeffCoExtension).

Have a happy New Year!

ANGIE ALLISON
4-H Youth Development

ERIKA LYON
Agriculture & Natural Resources



**Spotted lanternfly egg masses will be present winter-long...Help us spot spotted lanternfly!
Contact the Ohio Department of Agriculture at 614-728-6201 or use the Great Lakes Detection
Network App to report sightings of this insect!**



HAY QUALITY: BEYOND PROXIMATE ANALYSES

*By Dr. Jeff Lehmkuhler, Associate Extension Professor,
University of Kentucky (Previously published in the Ohio
BEEF Cattle Letter)*

My forage colleagues and I seem to get bombarded with questions on forage quality and interpreting forage test results this time of year. The timing coincides with folks starting to feed hay and looking at developing supplementation programs for the cattle receiving the forage. Getting the forage tested for nutrient content is the first step.

Proximate analysis allows for separating a forage/feed into various macronutrient categories and was initially developed by German researchers in 1860. The components measured in the Weende analysis included: moisture, ash, crude protein, crude lipid, crude fiber and calculated nitrogen-free extracts. Crude fiber was replaced by the neutral and acid detergent fiber analyses developed by Dr. Peter VanSoest in the 1960's to improve energy estimates of feedstuffs for ruminants as some of the cell wall is degraded by the rumen microbes. I am always in awe of the progress researchers have made in the nutrition field beginning with feed composition analyses more than 150 years ago.

The laboratory process provides us with some insight on the feed quality, but the energy estimates don't always mimic the biological performance of a feedstuff. However, the laboratory analyses are useful in developing feeding programs. As an example, knowledge on the crude protein content of a forage can help avoid rumen nitrogen deficiencies ensuring microbial fermentation is optimized. I encourage everyone to test stored forages that will be fed this winter to help in developing supplementation strategies.

Forage test results can tell us a lot about a feedstuff. However, when we think about hay quality, we must go beyond the laboratory analyses. I see many forage test results each year, but that is where it stops. I don't get to physically see the forage, touch it, smell it. I know what you are thinking, here he goes again off on some Ivory Tower academia discussion. Actually, I want to share two different real-world situations from this fall with you to hopefully drive home the notion that managing the hay making process is as or more important than the chemical component of the hay.

The first farm situation involves alfalfa hay, the queen of forages. Not many beef operations produce alfalfa or alfalfa/grass mix hay for beef cattle. This may be due to the cost of production, fertility, soil type or other factors. Let me set the stage. The operation weaned calves and were providing grass hay and grain supplement. The calves received grass hay the first month after weaning. A spot check of their weight taken after a month post-weaning revealed calves averaged 569 pounds with an average daily gain of 3.2 pounds. Now, these calves were eating the hay aggressively and some of the weight gain was a result of gut fill. However, the calves were doing well, eating and gaining. Exactly one week later, weights were taken again. On average, the calves weighed 548 pounds. They had lost an average of 21 pounds in 7 days! Yes, this would be an average daily gain of -3 pounds per day. Calves were coughing excessively; one calf was showing symptoms of respiratory distress five weeks post-weaning. What happened?

I did what I do in situations where weight losses like this occur. First, I checked the waterers. They were not fouled by manure and had a bit of feed/hay in them but not bad. I then looked at the hay. Bingo! This was alfalfa hay, not grass hay, that was offered the first four weeks. In September, a last cutting of alfalfa was taken and baled. However, weather conditions changed and forced the alfalfa to be baled before it was dry enough to store as dry hay. The farm ran out of the grass hay that had been fed after 4 weeks and put in this alfalfa hay which now was about six weeks since being baled. Mold was found throughout the bales and some areas were black. A general forage test wouldn't have provided this type of information. We would have seen the moisture percentage being high giving us suspicion that it may have been moldy, but in a lot of situations it would have been overlooked. By attempting to salvage a few bales of hay, the calves lost weight, got sick and cost the operation.

The second situation involves cover crop harvested for hay. When cut at boot stage cover crop forages, generally cereal rye in this area, can have decent quality. Rye can be tricky though as it matures early and fields that are poorly drained make it a challenge to get rye harvested in early spring. The farm manager thought the hay would be decent quality in the 10-12% protein range and mid 50's for TDN. This hay was being fed to lightweight backgrounding calves and getting calves to eat was an issue. After getting the forage test results, the hay was notably lower in quality than expected being only 7% crude protein. This category of animal is stressed from weaning, shipping, commingling and will often have low intakes the first few days after arrival. These light-weight calves are also in a lean phase of growth needing additional protein for muscle accretion. The diet was formulated assuming the hay is 11% protein, but the hay only contained 7% protein. Since the requirement for protein in these light-weight calves is 14-16%, the diet for these calves was protein deficient. This deficiency can reduce immune response and lower performance. Further, the NDF and ADF levels would suggest the hay was cut a bit mature. Lastly, upon inspection of the hay, it was also baled too wet due to weather. Some bales heated and caramelized which would lower protein and energy. Other bales were moldy and had black areas within the bales. When you are managing stressed light weight calves, it is critical that the calves want to eat, not that they are forced to eat what is provided. Calves of this type need soft-leaved second/third cutting grass hay that is mold free. Was it just the hay? No there were other management factors that were involved as well, however, the forage test alone would not reveal the mold issues.

Forage testing for nutrient content is always recommended to help develop feeding programs. However, be certain to consider anti-quality issues such as mold that could impact animal performance. Weather is always going to be a challenge when making hay. It is important to realize the potential trade-off of wet forage at baling to get the hay up versus the risk of increased growth of fungi and molds. These molds and fungi can have detrimental impacts on intake and animal performance. As a backgrounder in Oklahoma told our group when we visited his operation, don't force your cattle to be Hoover vacuums cleaning up everything in the bunk even if it is half rotten feed. Rather manage the feeding program to provide them something that is palatable which they want to eat to ensure optimal health and performance. Have a great holiday season and stay healthy this year.

Landscape Design: Planning for a Colorful Garden

By Erika Lyon, OSU Extension, Jefferson & Harrison Counties

I know it's winter, but that doesn't mean it is too early to start planning for the spring, summer and fall garden. You may have already started!

Considerations for planning should always include watering needs, soil fertility (don't guess, soil test!), light, air circulation, surrounding vegetation, etc. But we also want our plants to look good in the landscape as well.

Color theory involves the art and science of, well, color. A gardener can create focal points that draw the eye when they utilize various colors that blend well in a landscape. However, the wrong combination of colors may overwhelm visitors or cause an eye sore.

One way to select which colors work best together, whether it be the color of a flower or of the foliage, involves using the color wheel. The color wheel includes the primary colors - red, yellow, blue - along with the secondary colors that are made from combining the primary colors - purple, green, and orange.

These colors can be further categorized as cool or warm. Cool colors include blues and greens that are associated with calm. Reds, oranges and yellows are warm colors that are associated with excitement. Purple can fall into either category depending on which other colors it is closest to.

Color value (lightness or darkness of each color) and color intensity should also be factored into planning decisions. Tint refers to the addition of white to a color, making it lighter. When black is added, it is called a shade. Tones refer to the addition of grey. Using tints, tones and shades together softens the scene and reduces color intensity. Color intensity of a plant can be enhanced by placing it alongside another bright colored plant. These are important considerations because grouping plants by these different color values and intensities draw in the human eye and can add interest to a landscape versus using a single color.

Color schemes are known color combinations and act as themes for design. They attract attention in different ways and may include monochromatic, primary, complementary, pastels, analogous or riotous blends. Each scheme refers to a position on the color wheel that appeals to viewers.

Learn more about color theory at go.osu.edu/colorwheel.



PESTICIDE EXAM INFORMATION

Due to the COVID-19 pandemic, we ask that every person taking the exam do a self-check before entering ODA's campus or a regional exam location. Please take your temperature at home to ensure you do not have a fever. If you are feeling sick, please reschedule your exam.

ODA has started offering regional exams in several counties at the Ohio State Extension Offices. Visit the registration link below to view scheduling and locations available.

3-hour testing sessions will be scheduled on Tuesdays, Wednesdays and Thursdays in Reynoldsburg.

9 am exam – No Building Entry Until 8:45 am

1 pm exam – No Building Entry Until 12:45 pm

Preregistration is required. No walk-ins will be permitted.

Face masks are required and must be worn at all times.

Masks are available at the security desk if needed.

Photo IDs will be required.

Pencils and calculators will be provided.

No more than 9 people will be allowed per session, plus a proctor.

Per OAC 901:5-11-08(A)(7), applicants must wait five (5) business days between testing sessions.

Multiple exams may be taken during a session, however, due to limited space, you may only register for one session per week.

Register for exams at pested.osu.edu/PrivateApplicator/testing

****Keep in mind exam sessions may be booked out over 2 months in advance.**

See page 10 for future study sessions

Jefferson County Extension

SEASON CALENDAR

MARK YOUR CALENDARS!

JANUARY

- 1/5 Winter Agricultural Outlook Meeting 3 PM
- 1/7 Master Gardeners Lunch & Learn 12PM
- 1/8 A Day in the Woods 10 AM
- 1/12 High Tunnel Production School 12:30 PM
- 1/13 Master Gardeners Happy Hour 4 PM
- 1/13 Pastures for Profit Webinar 1 7 PM
- 1/14 East OH Women in Ag Webinar: Taxes 12 PM
- 1/18 Ohio Cow-Calf Management School 6 PM
- 1/19 High Tunnel Production School 12:30 PM
- 1/21 Master Gardeners Lunch & Learn 12PM
- 1/22 Friday Farm Coffee Break 10 AM
- 1/22 Winter Agricultural Outlook Meeting 10 AM
- 1/25 Ohio Cow-Calf Management School 6 PM
- 1/26 High Tunnel Production School 12:30 PM
- 1/26 Ohio Cow-Calf Outlook 6:30 PM
- 1/27 Master Gardeners Happy Hour 4 PM
- 1/28 East OH Women in Ag Webinar: Cast Iron

Cooking 12 PM

*Subject to change

FEBRUARY

- 2/1 Ohio Cow-Calf Management School 6 PM
- 2/2 High Tunnel Production School 12:30 PM
- 2/2 Pesticide & Fertilizer Study Session 7 PM
- 2/3 Pastures for Profit Webinar 2 7 PM
- 2/4 Master Gardeners Lunch & Learn 12 PM
- 2/8 Ohio Cow-Calf Management School 6 PM
- 2/9 High Tunnel Production School 12:30 PM
- 2/10 Master Gardeners Happy Hour 4 PM
- 2/11 East OH Women in Ag Webinar 12 PM
- 2/12 A Day in the Woods 10 AM
- 2/15 Ohio Cow-Calf Management School 6 PM
- 2/16 High Tunnel Production School 12:30 PM
- 2/18 Master Gardeners Lunch & Learn 12 PM
- 2/19 Winter Agricultural Outlook Meeting 10 AM
- 2/22 Ohio Cow-Calf Management School 6 PM
- 2/23 Pesticide & Fertilizer Recertification 5 PM
- 2/24 Master Gardeners Happy Hour 4 PM
- 2/25 East OH Women in Ag Webinar 12 PM
- 2/26 Friday Farm Coffee Break 10 AM

For a schedule of Agronomy programs, see page 9. A Farm Office Live schedule is available on the last page. Visit jefferson.osu.edu or join the Agriculture & Natural Resources Group on our Facebook page @JeffCoExtension for updates and future webinars, podcasts and other great opportunities!

EXTENSION'S MOST WANTED

PHRAGMITES

By Amy Stone, OSU Extension, Lucas County

Phragmites (*Phragmites australis*) is a non-native perennial grass this is commonly referred to as common reed. The wetland grass thrives in its name sake - wetlands or low areas - but can also establish itself in other areas as well. It is commonly found along roadsides in ditches, in retention ponds and bioswales, along the edges of ponds, rivers and lakes. Phragmites will completely infiltrate a wetland, quickly becoming a monoculture, or a single species. It is considered invasive as it outcompetes all other plants and displaces wildlife as it becomes the 'top-plant,' at least in numbers, in a given area. In the fall, phragmites begins to turn from its summer green to yellow and ultimately tan. Currently, the plants are brown and the seed heads are in their full fluffiness. Phragmites can grow very tall, with some references stating that plants can top out at 20 feet. If the plant's presence wasn't bad enough, it can obstruct views of water and nature, along a slew of other negative impacts.

The US Fish and Wildlife describes the arrival of phragmites to the US in the early 19th century. Its origin was likely European and was first noticed in coastal ports primarily in the eastern states. The rapid spread in the 20th century was likely tied transportation including roads, highways and railways; habitat disturbances; development of shorelines; pollution; and eutrophication. Phragmites takes advantage of disturbed sites and can also be an indicator of a wetland system that is out of balance. Once it finds its way onto a given site, it begins to spread and the establishment of what often is a monoculture quickly follows. The plant can spread easily by seeds and rhizomes and can also become established in much harsher conditions. It is one tough and adaptable plant.

Other ecological impacts include: impairment of recreational use of wetlands and shorelands, decrease of property values, increase fire risks, and large accumulation of biomass.

Its toughness calls for an ongoing multifacet management approach. The first step in the successful management of phragmites includes identification - the earlier the better! The Michigan Department of Environmental Quality (MDEQ) has published a resource, *A Guide to the Control and Management of Invasive Phragmites*, that you might want to check out. It can be found at: go.osu.edu/michphragmites.

In Ohio we are also asking people to report phragmites and other invasive species on the Great Lakes Early Detection Network (GLEDN) App. For more information about the App and how you can help, check out the website at: apps.bugwood.org/apps/gledn.

Check out our new show!

Taking Root ***in Ohio Valley Agriculture***

Airs on SCS-TV Comcast Channel 15 in Jefferson County

Each episode covers topics of interest for eastern Ohio agriculture, including interviews with growers, producers and gardeners as well as informational segments on tree identification, forestry, soils, gardening and more!

Missed an episode? We will be posting episodes on our Facebook page (@JeffCoExtension) and website (go.osu.edu/takingroot)



SCS-TV is a product of the Steubenville City Schools' multimedia program. We greatly appreciate their support!



MASTER GARDENER **VOLUNTEERS** **HORTICULTURE** **LUNCH & LEARN** *and* **HAPPY HOUR** **WEBINARS**

Back again starting this January and open to the public! Full schedule and registration information available at mastergardener.osu.edu/lnlhh

Lunch & Learns

Thursdays 12-1 PM

January 7th

January 21st

February 4th

February 18th

Happy Hours

Wednesdays 4-5 PM

January 13th

January 27th

February 10th

February 24th

OHIO WOODLAND STEWARDS

A DAY *in the* **WOODS**

We are pleased to announce that A DAY in the WOODS will be offering winter programming on the 2nd Friday of each month 10 - 11:30 AM (January-March 2021) virtually. We hope to offer some live programming later in 2021, and will provide details when they become available. For more information about our exciting line up of programs this winter visit go.osu.edu/2021dwwinter

January 8: The Fall & Rise of Bald Eagles in Ohio

February 12: "Advice from the Woods" question and answer session with professional foresters and wildlife biologists. Submit your questions in advance by email to apsley.1@osu.edu.

March 12: Native trees and shrubs for wildlife

Also, don't forget to visit u.osu.edu/seohiowoods regularly to view our ever growing video library of including: Tree ID series, chainsaw safety and maintenance series, and 25+ videos from our 2020 DAY in the WOODS offerings.



High Tunnel Production School

The OSU Specialty Crops Team and Ohio Controlled Environment Agriculture Center is excited to offer a live virtual High Tunnel and Season Extension School in January and February 2021.

The program will include six live sessions addressing questions raised by growers ranging in experience from beginner to advanced. Sessions are interactive, last one hour, and cover two key subjects.

Registration is free and you may sign-up for as many sessions as you wish. All sessions are virtual and will be from 12:30 – 1:30 p.m. ET on the days listed (Tuesdays in January and February 2021).

January 12

February 2

January 19

February 9

January 26

February 16

Contact Matt Kleinhenz with questions about this event at Kleinhenz.1@osu.edu

Visit go.osu.edu/2021htunnels to view registration information as it becomes available



Jefferson & Harrison **MASTER GARDENER VOLUNTEERS**



***NOW ACCEPTING
APPLICATIONS***

NEW THIS YEAR: The 2021 Master Gardener Volunteer training will consist of both online modules, hands-on labs and tours, and either a writing or presentation project. Interns are expected to attend orientation and a minimum of 5 labs but can pick and choose either by topic or date that best fits into their schedule. Cost of the training is \$100 per person.

Training Topics

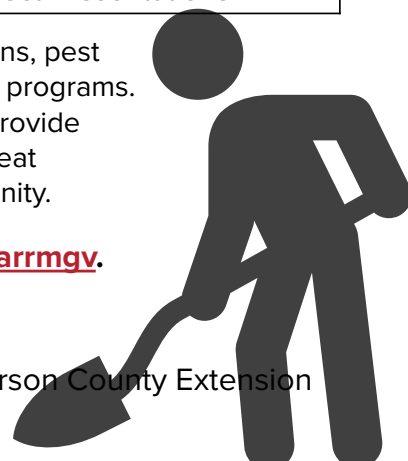
basic botany
soils, fertilizer and compost
entomology
plant pathology
integrated pest management
plant propagation and houseplants
lawn care
home herb, vegetable and fruit
production
backyard wildlife management
pollinators

Orientation and lab schedule:

Monday, July 12 th	5-8 PM	Master Gardener Volunteer Orientation & Teaching Skills Lab
Thursday, July 22 nd	5-8 PM	Garden Soils Lab
Tuesday, July 27 th	1-4 PM	Plant Diagnostics Lab
Thursday, August 5 th	5-8 PM	Propagation Methods Lab
Monday, August 9 th	1-4 PM	Fruit Production Lab
Wednesday, August 11 th	5-8 PM	Fruit Production Lab
Thursday, August 12 th	1-4 PM	Season Extension Lab
Monday, August 23 rd	1-4 PM	Arboretum Tour
Tuesday, August 31 st	5-8 PM	Pollinator Plot Tour
Thursday, September 2 nd	1-4 PM	Project Presentations

Master Gardener Volunteers in Ohio offer assistance with home horticultural questions, pest identification, school programs, demonstrations, research, and continuing education programs. Working with county Ohio State Extension personnel, Master Gardener Volunteers provide educational services to their communities. If you are a garden enthusiast, this is a great opportunity to share your gardening know-how and skills with others in your community.

To learn more about the application process, visit go.osu.edu/becomejeffharmgv. Send questions to Erika Lyon at lyon.194@osu.edu or call 740-461-6136.





Ohio Cow-Calf Outlook Webinar

TUESDAY January 26, 6:30 – 8:00 PM

Join the OSU Extension Beef Team as we kick off 2021 with our Ohio Cow-Calf Outlook meeting. This program will take a look at the cattle markets and how management decisions influence marketing outcomes, including calf value in the marketplace.

FREE REGISTRATION at go.osu.edu/cowcalfoutlook

Presenter: Dr. Kenny Burdine, Livestock Marketing Specialist
University of Kentucky Extension

Must Pre-Register online to receive Zoom webinar link.
Contact information: Garth Ruff, ruff.72@osu.edu

Pastures for Profit

The virtual Pastures for Profit course will consist of three 90-minute webinars offering a variety of pasture and grazing topics. Once registered, attendees will be granted access to the online course including the webinars and complementary resources. Participants that attend all three webinars will have the opportunity to earn a certificate of completion. Registered participants will also receive their choice of a curriculum binder or USB drive of the traditional course by mail.

Wednesday, January 13th 7 PM Webinar 1:

Core Grazing Education: Evaluating Resources and Goal Setting, Getting Started Grazing, Soil Fertility

Wednesday, February 3rd 7 PM Webinar 2:

The Science of Grazing: Understanding Plant Growth, Fencing and Water Systems, Meeting Animal Requirements on Pasture

Wednesday, March 3rd 7 PM Webinar 3:

Meeting Grazing Goals: Pasture Weed Control, Economics of Grazing, Creating and Implementing Grazing Plans

Cost of the course is \$50, which includes the Pastures for Profit manual. Current and new members of the Ohio Forage and Grasslands Council are eligible for a \$10 discount on registration. Register by visiting:

afgc.org/ofgcwebinar

Cooperative Connection



2021 Ohio Cow – Calf Management Schools

***Due to COVID restrictions, the 2021 OSU Extension Cow-Calf Schools will be coming to you virtually.**

Please note the change in dates and times from the November-December Newsletter

Join us for one or all of a series Monday evenings 6-8 PM as we address the following:

Making Hay for Beef Cattle

January 18th: Getting Started

Reviewing Forage Fertility – Jason Hartsuch

New Seeding Species Selection – Christine Gelley

January 25th: Addressing Hay Shortfalls

Annual Forage Options – Allen Gahler

Baleage Do's and Don'ts – Jason Hartschuh

February 1st: Hay! Now What?

Forage Analysis – Ted Wiseman

Forage Storage 101 – Garth Ruff

Cow-Calf Management

February 8th: Breeding Season Considerations

Managing the Breeding Season – Alvaro Garcia-Guerra

EPD Update: Breeding for Cow Longevity – John Grimes

February 15th: Managing Reproduction

Semen Handling – Dean Kreager

Preg Checking – Allen Gahler

February 22nd: Improving Profits

Making Cow Culling Decisions – Dean Kreager

Maximizing Feeder Calf Value – Garth Ruff

REGISTER AT: go.osu.edu/2021cowcalfschools

Jefferson County Extension



East Ohio Women in Agriculture Upcoming Events & Webinars

Webinars run from 12-1 PM & Field Days begin at 5:30 PM

- January 14 - Tax Law meeting
- January 28 - Cast Iron Cooking meeting
- February 11 - QPR Training
- February 25 - Farm Insurance meeting
- March 2 - Tractor Equipment Operation Field Day
- March 11 - Loans
- March 25 - Fruit Tree Pruning

Registration information will be posted to jefferson.osu.edu in the near future!



Friday Farm Coffee Breaks @ 10am 20 minute videos posted to go.osu.edu/farmcoffeebreak

January 22: CAFO Requirements
February 26: Farm Wildlife Management
March 26: Water Quality Testing
April 23: Noxious Weeds of Eastern Ohio

Questions? Contact Erika Lyon at lyon.194@osu.edu or 740-461-6136

2021 Agronomy Events

For additional information, visit go.osu.edu/2021agcropsweb

Getting Started with... (8:30-10:30 AM; Register at go.osu.edu/2021specialtygrains)

- January 14 - Getting Started with Specialty Small Grains
- February 4 - Getting started with Seed Production
- March 4 - Getting Started with IP and Non-GMO Crop Production

PrecisionU: Tackling Spring Operations with Reduced Working Days (10-11 AM; Register at go.osu.edu/PrecisionU)

- January 5 - Gambling with Planting Decisions
- January 12 - Improving Fertilizer Efficiency with the Planter Pass
- January 19 - Pre-season Crop Protection Decisions
- January 26 - Sprayer Technology to Improve Field Performance

Soil Health Q&A Series - Every Thursday (Starts at 8AM; Register at go.osu.edu/2021shseries)

January 7 - March 18 excluding March 11

Ag Tech Tuesdays (10-11AM; Register at agmr.osu.edu/events/ag-tech-tuesdays-0)

Weather Outlook & Options Webinars (8:30-11 AM; Register at go.osu.edu/2021agriweather)

- January 21 - Disease Management Options for Today's Weather
- February 18 - Managing Water in Today's Wet and Dry Growing Seasons
- March 18 - Growing Season Weather Outlook and Changing Climate

Agronomy Updates (9 AM - 4 PM; Register at go.osu.edu/2021cornsoyupdate)

February 11 - Corn & Soybeans



Pesticide & Fertilizer Exam Study Sessions 7-9 PM on the dates listed

Study sessions will be held virtually until further notice.

Registration is required - call 740-461-6136 or email lyon.194@osu.edu to request the Zoom link.

Tuesday, February 2

Tuesday, March 30

Monday, April 19



For more information on obtaining a pesticide license, visit pested.osu.edu. For fertilizer certification, visit nutrienteducation.osu.edu.

You can also contact the Jefferson County Extension office with any questions.

Study materials can be found on these websites. Hard copies of study materials may be in stock at the Jefferson County Extension office - call ahead to check availability.

Cattle Producers:

The Beef Checkoff program was developed as part of the 1985 Farm Bill and assesses \$1 per head on cattle sales, in addition to an assessment on imported beef and beef products. It was formed for the purpose of promoting beef to consumers and to encourage food businesses to sell beef products with the goal of improving, maintaining, and developing markets for cattle. The program was approved by a majority of producers at the time in a national referendum vote, after which it became a mandatory program for producers to participate in. However, there is now some debate over whether the program has succeeded in its goal of improving and developing markets as some producers are reporting low- to no bids on their cattle and limited market improvement and access.

According to the USDA-Agricultural Marketing Service (AMS), “On July 2, 2020, AMS received notification that a petition was initiated requesting a referendum on the termination of the Beef Promotion and Research Order. Petitioners will have from July 2, 2020, to July 2, 2021, to gather signatures which then must be submitted to AMS by August 1, 2021, for validation. The Beef Promotion and Research Act of 1985 requires a representative group comprising of 10 percent or more of the number of cattle producers to petition the Secretary of Agriculture for a referendum. The 2017 Census of Agriculture estimates that there were 882,692 farms with cattle and calves in the United States; therefore, 88,269 valid signatures are needed for the Secretary of Agriculture to determine whether a referendum would take place.”

If you would like to learn more about the petition process and view frequently asked questions, visit ams.usda.gov/rules-regulations/research-promotion/beef/petition. The petition can be accessed [here](#).

(This is not an endorsement of the Beef Promotion and Research Order petition - this is solely meant to inform producers that this process is underway and where they can find information on the petition process).

2021 Winter Agricultural Policy & Outlook Meetings

The 2021 Agricultural Policy and Outlook winter meetings, hosted by the College of Food, Agricultural, and Environmental Sciences Department of Agricultural, Environmental, and Development Economics (AEDE) and OSU Extension will offer much-needed industry news and insight to those involved in the agricultural industry during a time marked with so much global uncertainty.

“Where are we going with US and Global Trade?”

Tuesday, January 5, 2021, 3:00-4:00 pm EST

Dr. Ian Sheldon will examine the effect of the pandemic on global trade and how that compares to its impact on both global and U.S. agricultural trade. This will be followed by an evaluation of where we are on the Phase 1 Agreement with China, and what we might expect on trade policy from the incoming administration.

Register at: go.osu.edu/2021outlooktrade

“Local Food and Direct Marketing”

March 5, 2021, 12:00-1:00 pm EST

Dr. Zoë Plakias will describe the key trends in direct marketing during the COVID-19 pandemic, how they impact businesses and organizations, detail the possible challenges and opportunities for direct marketing post pandemic, and predict the possible impacts for their business or organization post- pandemic.

Register at: go.osu.edu/outlooklocalfood

“Climate and Grain Market Outlook”

January 22, 2021, 10:00-11:30 am EST

Aaron Wilson with OSU Extension and the Byrd Polar Climate Center and Ben Brown, previously with AEDE will be hosting a climate and grain market outlook as Ohio producers start to make plans for 2021. Key points for will cover the short-term outlook on Ohio and regional weather, long term season climate trends, grain market analysis, and marketing strategies.

Register at: go.osu.edu/2021outlookgrainclimate1

“Climate and Grain Market Outlook”

March 11, 2021 10:00-11:30 am EST

Aaron Wilson with OSU Extension and the Byrd Polar Climate Center and Ben Brown, previously with AEDE will be hosting a climate and grain market outlook as Ohio producers start to make plans for 2021. Key points for will cover the short-term outlook on Ohio and regional weather, long term season climate trends, grain market analysis, and marketing strategies.

Registration TBA

“Climate and Grain Market Outlook”

February 19, 2021 10:00-11:30 am EST

Aaron Wilson with OSU Extension and the Byrd Polar Climate Center and Ben Brown, previously with AEDE will be hosting a climate and grain market outlook as Ohio producers start to make plans for 2021. Key points for will cover the short-term outlook on Ohio and regional weather, long term season climate trends, grain market analysis, and marketing strategies.

Register at: go.osu.edu/2021outlookgrainclimate2

“Farm Income and Financial Outlook”

March 15, 2021, Noon-1:00 EST

Dr. Ani Katchova will provide the 2021 farm income forecast, the 2021-2031 USDA Baseline projections of farm income, commodity markets, and trade, indicators and their accuracy, and financial stress including ag loan delinquency rates and bankruptcy rates.

Register at: go.osu.edu/outlookfarmincome

“Food Waste: Trends & Updates”

March 5, 2021, 11:00-Noon EST

Dr. Brian Roe will be the guest speaker. Participants will learn about the economic, environmental and social implications of food waste; the implications of the COVID pandemic on household level food waste; and learn about recent recommendations for reducing food waste among consumers proposed by the National Academy of Sciences.

Register at: go.osu.edu/2021outlookfoodwaste

The outlooks are free and open to the public.

For the complete program information, visit

go.osu.edu/outlook2021.

Happy New Year from Jefferson County 4-H

FOAMING FROSTY SNOWMEN

Recommended activity to enjoy at home perfect for being shut in during the holidays
4-h.org/about/4-h-at-home/holidays/snow

This fun activity draws from two areas of chemistry and shows kids how to form mini snow creatures using household supplies, then fizz them all away into a bubbly goo.

Grades 4-8 | Topic: STEM, Chemistry | Estimated Time: 30-45 Minutes



PICK YOUR
PROJECTS FOR
2021!
DOWNLOAD
THE NEW
FAMILY GUIDE:



ohio4h.org/familyguide



INSPIRED BY:



THE OHIO STATE
UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



THE UNIVERSITY OF VERMONT
EXTENSION

4-H WORLD CHANGERS

EVERY THURSDAY | JANUARY 21 - FEBRUARY 25, 2021 | 7 - 8 PM EST

Ohio and Vermont 4-H are joining forces again to
bring you another opportunity to learn to code!

Have you ever wanted to **learn how to program your own game**? Well, here's your chance! In this new 4-H World Changers series, you will learn to program a collecting game using **p5.js**, a JavaScript library created especially for artists and designers.

REGISTER:

<https://www.surveymonkey.com/r/4HWorldChangers>

FOR MIDDLE & HIGH SCHOOL YOUTH!

Location: VIRTUALLY from
your own home!

Cost: FREE

Details: Designed for middle &
high school youth (grades 5-12)
who have an interest in STEM
and coding

Contact Information:
Lauren Traister, Vermont 4-H,
lauren.traister@uvm.edu

Margo Long, Ohio 4-H,
long.1632@osu.edu

State 4-H VIRTUAL Horse Communications Contest

The primary objective of the Communications Contest is to provide, in a friendly but competitive setting, an opportunity for youth enrolled in a 4-H horse project to demonstrate their communication and media skills on a specific equine or equine-related topic. Youth may compete in the following categories:

*Public Speaking
Individual Presentation
Team Presentation*



Junior and Senior contests will be held simultaneously via ZOOM on Saturday, March 13th, 2021. Presentation times will be assigned on a random basis and ZOOM meeting links will be sent via email by Monday, March 8th.

Results will be posted on the website by no later than Monday, March 22 and score sheets will be sent directly to participants, including awards. The office will also verify with the county Extension professional that members are in good standing.

Registration for this event must be made online by March 1st, 2021, including payment. No late entries will be accepted for any reason. As this contest determines which contestants will represent Ohio at national contests, ONLY senior 4-H members are allowed to compete in the senior division to comply with national eligibility requirements.

March 13, 2021

Registration Deadline: March 1

Registration Link:

ohio4h.org/events/state-4-h-virtual-horse-communications-contest

Cost: \$10/ youth or \$20/team

Location: Online via Zoom

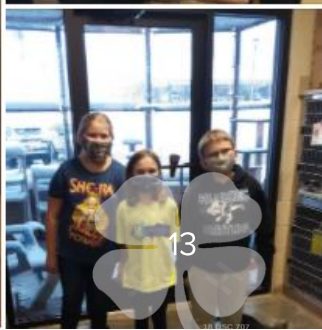
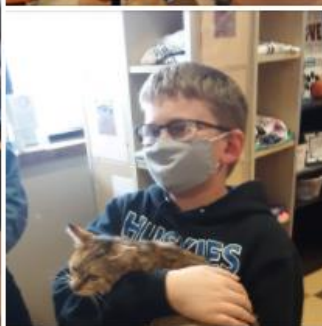
Local contact:

**Robin Wedlake
740-424-7606**

CLUB COMMUNITY SERVICE SPOTLIGHT



4-H Varieties collected almost \$600 and were able to pay the adoption fees for two amazing dogs and two cats with another cat paid partial. If you are in the market for a pet, please consider these amazing animals...head out to the Jefferson County Humane Society and meet them!



OSU JUNIOR SWINE DAY GOES VIRTUAL

Saturday, February 20, 2021

9:00 AM – 12:30 PM

Registration information can be found at:

go.osu.edu/jsd2021

Agenda

9:00 a.m. – Welcome

Evaluating and Selecting Your Pig Project
(Video evaluating pigs)

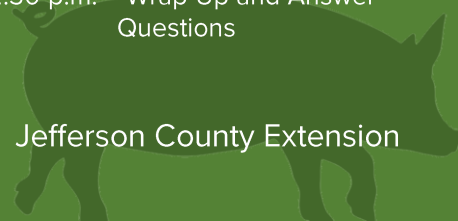
Nutrition and Feed Management
Meat Science

When Science and Pig Shows Collide
Vaccinations / Pig Health

Showmanship (Video with interviews and showmanship discussion)

12:30 p.m. – Wrap Up and Answer Questions

Jefferson County Extension



2021 VIRTUAL JUNIOR FAIRBOARD CONFERENCE REGISTRATION DUE

Jefferson County Junior Fair Board Members...

You are invited to join in a 2021 OFMA Junior Fair Conference "live discussion" on Saturday, January 9th at 10 AM. It may not fully replace the excitement and interactions that you would have enjoyed if attending the OFMA Junior Fair Conference in person, but we certainly hope that it will provide an opportunity for you to share a few ideas from your fair – and pick up a few ideas from other fairs from across the state. The live discussion will be held using a Zoom platform, with participants in breakout rooms to speak with fellow JFB members about a single topics. The topics are listed below. We certainly encourage JFB members from a given fair to spread themselves out, if possible, in order to contribute on a number of topics.

Register at go.osu.edu/JFC2021Discussion

Registration Deadline: January 4th

Session space is limited, so register early to get the topics of your choosing!

Topics:
CLOVERBUDS
COMMUNITY SERVICE
COVID CHANGES
DONOR RECOGNITION
EXHIBITOR FUN
FAIR AWARDS
WISH YOU HAD KNOWN
WHY DO YOU DO IT

In addition to the live discussion opportunity on January 9th, a variety of recorded informational sessions will be made available to you in the coming weeks. These sessions, which would have been presented to you during the annual Junior Fair Conference, will be recorded, posted online, and links will be shared with you. Your board may choose to view them individually, or they may be used as a part of your training meetings throughout the year. Just because we couldn't bring you to Columbus for training doesn't mean that we can't make the training available to you...We hope that you will find these resources to be valuable in preparing you to serve in your role as a Junior Fair Board member in 2021!

Cooperative Connection

2021 STATE FAIR DNA SUBMISSION
DEADLINE EXTENDED
JAN. 30

Launch your
PARENTING
to new
heights



JOIN YOUR BLAST OFF FLIGHT CREW -

Joseph Maiorano, Chris Kendle and Bridget Britton – as they provide strategies to LAUNCH your parenting skills into a successful future!

During this FREE 3-session virtual workshop, we use *Active Parenting, First Five Years* curriculum to introduce you to tools that may help you to raise responsible, confident children and to navigate through issues that many parents struggle with.

2 WORKSHOPS TO
CHOOSE FROM:
9-11 AM January 5, 12, 19
Or
6-8 PM January 25, 26, 27

Future missions to be
announced later

COST: FREE

Pre-registration for this workshop is required and space is limited. Please visit: go.osu.edu/blastoffreg

Complete a three-session series and receive a Walmart gift card reward.

GET WELL SOON VICKIE!!

During this unprecedented COVID-19 holiday season, Vickie Whinnery continues to battle some health conditions. Those wanting to wish her well can send cards to 10385 County Road 10, Adena, OH 43901

Jefferson County Extension



Tentative Jefferson County 4-H Calendar 2021

(Dates Are Subject To Change)

Jan. 9: Virtual OFMA Jr. Fair Conference, pre-registration information is on the Jefferson County Facebook page and in the newsletter

Jan. 12 @ 7 PM: 4-H Committee Meeting, virtual links will be emailed to committee members on Jan. 11

Jan. 15: Online enrollment begins

Jan. 18: Martin Luther King Jr. Day, office closed

Jan. 19 @ 7 PM: Jefferson County Fairboard meeting (tentative based on COVID numbers)

Jan. 19 @ 4 PM: County Chosen Camps Applications due

Jan. 26 @ 6 PM: Subcommittee meetings, virtual, email allison.325@osu.edu for an email link

Jan. 28 @ 6 PM: Livestock Quality Assurance Zoom for **Wildwood Critters, Cross Creek Tomahawks, Bits -N- Pieces, Ribbons & Wranglers, Country Shamrocks, 4-H Varieties**

Jan. 29 @ 6 PM: Livestock Quality Assurance Zoom for **Sunrise Lads N Lassies, Friends & Neighbors, Denim N' Dust, Broken Fences, Appalachian 4-Her's, Buckeye Variety Livestock**

Jan. 29-Feb. 1: In lieu of the 4-H Overnighter, wear your 4-H shirt to complete an outdoor activity and post a photo to our Facebook page. For example, visit the new ice-skating rink in Steubenville, or one of the many attractions at Oglebay. The photos if uploaded **Jan. 29 - Feb. 1** count as your "Overnighter Credit" on your 2021 Achievement Form! YOU MUST BE WEARING A 4-H OR CLUB SHIRT FOR CREDIT!

Jan. 30: Virtual Horse Advisors Training

Jan. 30: Beef DNA kits due to the state

Feb.1: MXC registration due to state office

Feb.3 @ 6 PM: Camp counselor interviews via Zoom. Each applicant will be sent a link via email

Feb. 8: All training to be considered a camp counselor due

Feb. 10: Camp counselor announcements sent by 8 PM via email

Feb. 11 @ 6 PM: Livestock Quality Assurance for **Country Classics, Country Kids, Happy Hooves And Fancy Feathers, Liberty Gals & Guys**

Feb. 12 @ 6 PM: Livestock Quality Assurance for **43 Ramblers, Country Rangers, Town & Country**

Feb. 13 @ 6 PM: Officers Trainings via Zoom (6 PM secretary, 6:30 PM treasurer, 7 PM president/vice president, 7:30 PM, litter/recreation, 8 PM historian and all others.) Materials will be emailed ahead of time. Appointments must be made in advance by emailing mckee.652@osu.edu.

Feb. 13 @ 7:30 PM: Advisors Trainings via Zoom

Feb. 13 @ 8 PM: Horse Quality Assurance via Zoom

Feb. 15: State 4-H scholarships due online

Feb. 15 from 1—3 PM: Camp Counselor training at Extension office. Chosen applicants will be contacted

Feb. 20: Virtual Swine Day

Feb. 20: 4-H Hippology, Horse Bowl, Horse Judging Educational Clinic

Feb. 20: Virtual Ohio 4-H Conference

Feb. 23: Virtual Ohio 4-H Conference

Feb. 25: Virtual Ohio 4-H Conference

Feb. 26-28: Shooting Sports Winter Leadership Conference

March 3 @ 6 PM: Livestock Quality Assurance Zoom for **Windy Ridge, Golden Horseshoe, Country Roadrunners, Purple Circle**

March 4 @ 6 PM: - Livestock Quality Assurance for **Warren Ridge Wranglers, Free Spirits, The Dirt Diggers, Dusty Boots, Lucky Leaf**

March 6 @ 7 PM: MXC Virtual

March 7: All 4-H window decorating in place

March 7- 13: Ohio 4-H Week

March 10: All Iron Chef Competition submissions due

March 12-14: All Iron Chef zoom interviews check your schedule

March 13: Horse Virtual Communications Contest

March 15: State Leadership Camp commitment forms due

March 18: Iron Chef Competition winners announced

March 19-21: Ohio Beef Expo

April 1: Sea Camp commitment forms due to the state

April 1: Tag pick-up in OSUE office begins anytime between 8:30 AM – 4 PM, Monday – Friday.

April 5-9 from 8 AM – 4:00 PM: **4- H Online Enrollment Assistance Week at the Fort Steuben Mall**– Make an appointment by emailing aftanas.2@osu.edu

April 8-11: Equine Affaire

April 10 from 8 AM-Noon: Tag pick-up at Jefferson County Fairgrounds Rozsa pavilion

April 10-14: National 4-H Conference

April 10: Virtual Horse Judging And Hippology Contest

April 15: **Last Day for Jefferson County 4-H online enrollment**

April 15: Ohio State Fair Scholarships Due

April 16 @ 6 PM: **Final \$25 Livestock Quality Assurance for Jefferson County via Zoom for those who missed the others. Enrollment will be taken through 4-H online using a credit/debit card to pay the \$25 fee.**

April 17 from Noon-4 PM: **Final tag pick-up -Jefferson County Fairgrounds, Rozsa Pavilion**

April 19: Ohio Youth Capital Challenge/Food Prize

April 22: Earth Day – Recommended County-wide Club Community Service Project – Choose your project: trash pick-up, recycle, plant trees, clean-up a cemetery, etc.

April 23-24: Dairy Palooza

May 1 from 8 AM-Noon: Livestock Tag – In

May 1: Last day to change your projects in 4-H Online! Window closes at 11:59 PM

May 7-9: State Leadership Camp Counselor Training

May 15: State 4-H Youth Assistant applications due

May 28-29: Camp Counselor Training at Camp Piedmont

May 29-June 1: State Leadership Camp

June 3-5: Ohio 4-H Camp Tech

June 4-6: Jefferson County Horse Camp, and live horse Skillathon at the Fairgrounds

June 9 @ 6 PM: Contest Day at the Fairgrounds

June 9 from 6 PM-8 PM: Live horse Skillathon at the Fairgrounds

June 9 @ 7:30 PM: Horse Quality Assurance

June 12-14: Camp Canopy

June 14: State Horse Bowl

June 16-19: 4-H Camp Piedmont

June 19: Horse PAS Show

June 20: Ohio State Junior Fair livestock entries due

June 20: Area III Health And Safety Speaking Competition

June 20: Avian Bowl Registration due

June 26: 4-H Cloverbot Challenge

July 1: State Dog Poster entries due

July 1: Horse Poster Contest

July 1: Area IV Health And Safety Speaking Contest

July 2: Skillathon closes

July 7: Ohio State Fair Horse entries due

July 10 @ 9 AM: Project Judging Day

July 12-15: Virtual Leadership Washington Focus

July 16-19: Ohio Sea Camp

July 19-23: Ohio 4-H Junior Horse Show

July 22: TLC State Fair Training

July 28: The Ohio State Fair Starts

July 30: State Fair Livestock Judging Contest

July 31: Jefferson County Poultry/Rabbit tag in

August 13: Teen Leadership Council applications due

August 15 – 22: Jefferson County Fair Week

Online Enrollment For Jefferson County 4-H Families Available Jan. 15!

Welcome To 4-H Online 2.0

4-HOnline is the official Ohio 4-H Youth Development Program database for enrolled 4-H members and volunteers. This system works as a partnership between the 4-H family, the state office, and our office to manage the 4-H enrollment process and distribute important information to you.

RETURNING Jefferson County 4-H families are to complete their enrollment online for 2021. **DO NOT CREATE A PROFILE!** Extension staff have rolled over your previous profiles. On the entry page, all you need to do is input the family email you used previously. Then click reset password. After creating a new password, if you were enrolled in the past but do not see your profile in 4-H Online, DO NOT CREATE A NEW ONE! Please contact our office at aftanas.2@osu.edu or allison.325@osu.edu and we will activate your profile. Only fill in the areas you know (Including project selection for 2021). We can review submissions when they are complete.

NEW TO 4-H: Families are to contact Leslie Aftanas at aftanas.2@osu.edu to receive a new enrollment packet.

Enrollment opens on Jan. 15. If you have troubles enrolling you can contact us to set up an in-office appointment at allison.325@osu.edu. In addition, there will be open office hour assistance specifically for enrollments April 5-9 8 AM – 4 PM at the Fort Steuben Mall.

To make it easy on yourself before you begin, please have a head shot photo of your child downloaded onto your computer desktop.


YOU CAN:

- Access 4-H Online 2.0 at this link v2.4honline.com/#/user/sign-in
- Watch a video to walk you through the steps: youtu.be/Q6tEKXvnFRY



Instructional video

Entry page for returning 4-H Families



<input type="text" value="Allison.325@osu.edu"/>
<input type="password" value="Password"/>

[Don't have an account?](#)
[Reset password?](#)



2021 4-H Overnighter Cancelled

Due to COVID-19, the 2021 Jefferson County 4-H Overnighter has been cancelled. The Weirton Community Center is not accepting groups for events. In lieu of the event, please wear your 4-H shirt and complete an outdoor activity. Post a photo to our county 4-H Facebook page, or mail one to our office. For example, visit the new ice-skating rink in Steubenville or one of the many attractions at Ogelbay including the nature center. The photos, if uploaded or postmarked **Jan. 29 - Feb. 1**, will count as your "Overnighter Credit" on your 2021 year-end 4-H Honor Form! **YOU MUST BE WEARING A 4-H OR 4-H CLUB SHIRT FOR CREDIT!**

2021 Winter Update Cancelled

Due to COVID-19, the Jefferson County 4-H Winter Update has been cancelled. However, many of the important events traditionally held at this "Winter Carnival," have been scheduled through Zoom. Please see the calendar in this newsletter to find the scheduled Zooms for **livestock quality assurance by club, advisor training, officer training, and horse quality assurance. Only Horse QA, Club Officers Training, and Advisors Training are all available Feb.13 via Zoom. Again, please see the calendar.**



Pre- registration is required for everything by contacting aftanas.2@osu.edu, or allison.325@osu.edu the OSUE office can send a link to your email for the zoom sessions.

Cooperative Connection

Youth who applied and were chosen for 2020 camps will be given special consideration for the same camp if by age and honor membership status they still qualify for the event. Only 2020 Gold/Silver members are eligible to apply.

Looking for some camp spirit this year?

Visit the county 4-H Facebook page or the county website and click the county chosen camps link to apply on or after Jan. 6. The application will close Jan. 25. Chosen applicants will be contacted via the provided email. The Jefferson County 4-H Committee pays 2/3 of the cost for each camp. Additional sponsorship is/ can be provided by Tom Gentile and the Jefferson Soil And Water Conservation District.

2021 Camp Opportunities are as follows:

Citizenship Washington Focus VIRTUAL June 13-19

CWF is a 4-H leadership program for high school youth, ages 14-19 from across the country. Citizenship Washington Focus gives 4-H youth the opportunity to explore, develop, and refine the civic engagement skills they need to be outstanding leaders in their home communities and at the national level. Through sightseeing tours in the living classroom of Washington, D.C. and hands-on educational workshops, youth will learn about the history of our nation, the leaders who have shaped it, and how they can apply the leadership and citizenship skills they have learned at CWF when they return home.

Leadership Washington Focus LWF VIRTUAL July 27-31

LWF is a 4-H leadership program for youth entering grades 7 through 9. In a typical year, the program will take place at the National 4-H Youth Conference Center, just 1 mile from the Washington, D.C. border. For more than 50 years, thousands of 4-H'ers have participated in our high school program, Citizenship Washington Focus and now we are happy to introduce its precursor for middle school 4-H'ers, LWF. Middle school 4-H delegates will: Build confidence in their ability to motivate and direct others in meaningful action; Practice effective communication with others through group discussion and public speaking; Work with others to create and accomplish goals; Develop an understanding of their own personal leadership style; Exchange ideas, practice respect, and form friendships with other 4-H'ers from across the nation; Experience hands-on learning using the historical backdrop of Washington, DC

State Leadership Camp May 29-June 1

The Ohio 4-H State Leadership Camp is the premiere leadership development opportunity available to Ohio 4-H members. The focus of the five-day leadership experience is the development of concrete peer leadership skills that will enable participants to have an immediate impact in

their home 4-H club, county, community, or school. The camp is active and engaged—there's very little sitting and listening, and much opportunity for group interaction. Participants leave the camp ready to take on new challenges—after they take an afternoon nap.

Making Extreme Counselors Camp March 6-7 VIRTUAL

Older youth age 14 to 18 who plan to serve as camp counselors are invited to Making eXtreme Counselors (MXC)—an interactive and quick-paced training that offers innovative camp ideas to new and veteran camp counselors. MXC participants will leave with skills that will enable them to assist in their county's camp program planning and delivery and prepare them to deliver a great camp program to their campers.

Sea Camp July 15-19

Through partnerships of Ohio State University Extension and organizations that offer aquatic education and water recreation, Ohio 4-H Sea Camp at Kelleys Island has offered hundreds of young people the opportunity to learn about aquatic science and experience a variety of recreational watersports on Lake Erie. Sea Camp is offered to youth ages 15-17 (age as of first day of camp).

Shooting Sports Camp @ Camp Piedmont

Tentatively the first week of June. Shooting sports camp gives campers the opportunity to choose one of four disciplines: archery, rifle, shotgun or air pistol in which to gain knowledge and practice in a safe environment. (More information and cost TBD) 2 recipients selected.

Carving New Ideas Late October/November

Grades 8-12, this camping opportunity develops critical thinking through hands-on workshops including health, agri-science, and STEM. More information and cost TBD. 2 recipients selected.

Camp Canopy June 13-18

A summer camp like no other, Camp Canopy is the perfect mix of traditional camp activities – like hanging out around the campfire, breaking a leg in the talent show and dancing the night away with your fellow campers-turned-BFFs – AND educational activity sessions centered around all things forestry and wildlife to keep your brains as sharp as a pine needle during the summer months.

Space Adventure Camp June 14-16

This camp is held at Marietta College. 4-H Space Adventure Camp is for boys and girls ages 11 to 13 and/or students who were 5th to 7th graders during this school year. You will have the opportunity to explore the world of flight and science as you build and test flying machines, conduct computer flight simulations, learn about the principles of aerodynamics and gain an overview of the development of the space flight program.

2021 4-H Week Window Decorating

Theme:

#Opportunity4ALL

@OSU Extension Jefferson County 4-H

March 7-13 is Ohio 4-H Week. In Jefferson County 4-H, a business window decorating contest is the way each club promotes the opportunities 4-H has to offer. The COVID regulations at the time of decorating in 2021 have yet to be determined, so county clubs may need to be creative to get the job done. A Zoom planning meeting, with fewer members actually meeting to decorate may be a good idea this year. Please email allison.325@osu.edu if your club will participate so that we can put together a driving route for the judge. Overall, be creative, have fun, and let's get the word out about this amazing program! Windows need to be in place by 5 p.m., Sunday March 7. Teardown can take place after 5 p.m., March 13. Judging times will vary throughout the week. Good luck and have fun!

****The 4-H office will have a window this year for all cloverbuds in March.**

We are asking that you email a photo of your cloverbud to aftanas.2@osu.edu by the end of February.

The window has not been picked so we will let you know in March newsletter where to find it. **

Camp Piedmont Counselor Selection

Camp Counselor selection in 2021 will consist of three components:

1. An online Qualtrics application
2. An online Zoom interview
3. A training module component.

Counselor spots are not guaranteed, and the number of counselors will be reduced in 2021 (40 last year was way too many and beds at camp are limited) Unfortunately, there is no guarantee of an in-person camp this year. Time will tell, but we are hopeful that this can happen.

To be considered for a camp counselor position, you must do these three things:

1. Visit our Facebook page or county website (jefferson.osu.edu) after Jan. 6 to complete the Qualtrics survey. Qualtrics applications are due by 11:59 p.m., Jan. 25.
2. After Qualtrics survey submission, you will receive an email with a Zoom link to participate in an interview the evening of Feb. 3.
3. Finally, complete the mandatory online training modules. The link for these will be released to you at your Zoom interview. All training modules will be due by Feb. 8.

Final selections will be announced Feb. 10. The first in-person training, if allowed due to COVID numbers, will be held 10 a.m. – 3 p.m., Feb. 15 at the Extension office in Steubenville. Please bring a sack lunch.

Good luck! We look forward to reviewing your fantastic application!

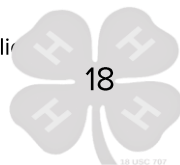
Cooperative Connection

Special Needs Camp at Canter's Cave July 9-11, 2021

If you would like more information about attending or supporting Special Needs Camp at Canter's Cave 4-H Camp, please contact Michelle Stumbo, Camp Program Director, at 740-691-6010 or stumbo.5@osu.edu.

"4-H is for everyone," but sometimes accessibility issues deny youth with unique abilities the opportunity to attend camp. In Ohio, a statewide 4-H camp is held at Canter's Cave 4-H Camp in Jackson, Ohio for young people who have needs that cannot be accommodated for in a traditional camp and their caregivers. Being a typical kid is what Camp is all about and it is no different for youth with special needs. Our goal is to give Campers a true experience of Camp while meeting their needs and letting them set their own pace for fun and success!

Jefferson County Extension



Virtual Iron Chef 2021

SAY CHEESE....On March 10

Although we can not taste test due to COVID-19, the Iron Chef Competition will still go on... virtually of course!

This year you can be a member of a team or cook solo. You can work with people from your club or from other clubs. Whatever is easiest and acceptable for your family. Your secret ingredient is CHEESE.

To sign up:

CLOVERBUDS – You are asked to make a cheeseball!! Submit a recipe card and a photo collage including a placemat photo to receive a participation ribbon! No interview needed for Cloverbuds. Cloverbud entries can be sent to aftanas.2@osu.edu. The cost is \$5.

1. Contact your club advisor. Entries will be accepted only by your advisor. There is not a limit on the number of teams per club this year.
2. The fee is \$5 per team. Teams can be from 1 to 5 people. The fee must be received by the OSU Extension office from the head club advisor no later than 4 p.m., March 10.
3. Determine your category and dish. (Categories are Breakfast, Dinner or Dessert.)
4. TYPE a recipe card, including the equipment needed, ingredients, measurements, method, bake time, servings, etc.
5. Create a **PICTURE COLLAGE** of your team making your dish. For maximum points, the collage should include photos of all teammates working on the dish; preparation from the beginning, middle, and end of the of the experience; the final dish on a decorated table, just as if we were at an in-person competition; and a placemat related to cheese including facts about the product and how it was used in your dish. No more than 20 photos in your collage.
6. Email your photo collage and recipe card to allison.325@osu.edu by 11:59 p.m., March 10.
7. Participate in a judged **ZOOM INTERVIEW** to be scheduled for March 13-14 with a local celebrity judge.

Placings will be posted March 17.

Entry Form Must be received by March 10

Send with payment to OSU Extension

500 Market Street, Suite 512, Steubenville, Ohio 43952

Categories = Breakfast, Dinner or Dessert

All complete entries/submissions with interview count toward honor member status. Occasional Quantity Cooks training not required for the 2021 Competition. Know your safety temperatures for the interview.

Club name:

Team 1

of members _____ Category _____

Names of Members:

Team 3

of members _____ Category _____

Names of Members:

Team 2

of members _____ Category _____

Names of Members:

Team 4

of members _____ Category _____

Names of Members:

Rubric:

CRITERIA	WEIGHT	PROFESSIONAL 25	PRACTITIONER 20	NOVICE 10	BEGINNER 5
Appearance (Plating and placemat)	25%	<input type="checkbox"/> Food Item(s) arranged neatly and with flair, placemat professional <input type="checkbox"/> Imagination and creativity were visible	<input type="checkbox"/> Food item(s) arranged neatly <input type="checkbox"/> Little creativity used Placemat is included	<input type="checkbox"/> Food item(s) placed on plate no placemat or poorly done placemat	<input type="checkbox"/> Little or no planning for plating food no placemat or poorly done placemat
Knowledge	25%	<input type="checkbox"/> Knowledgeable about the ingredient and recipe	<input type="checkbox"/> Knowledgeable about product but not process or vice versa	<input type="checkbox"/> Little knowledge	<input type="checkbox"/> Unable to answer questions
Degree of Difficulty	25%	<input type="checkbox"/> Recipe(s) involved many steps and difficulty level was high	<input type="checkbox"/> Recipe(s) involved many steps but difficulty level was medium	<input type="checkbox"/> Recipe(s) involved a few steps and difficulty level was low	<input type="checkbox"/> Recipe was simple to cook/bake
Use of Secret Ingredient	25%	<input type="checkbox"/> Used secret ingredient and enhances flavor of food item	<input type="checkbox"/> Used secret ingredient but not noticeable	<input type="checkbox"/> Used secret ingredient but overpowers flavor	<input type="checkbox"/> Did not use secret ingredient or is not noticeable

Martin Luther King Jr. Day is a federal holiday held on the third Monday of January. It celebrates the life and achievements of Martin Luther King Jr., an influential American civil rights leader.

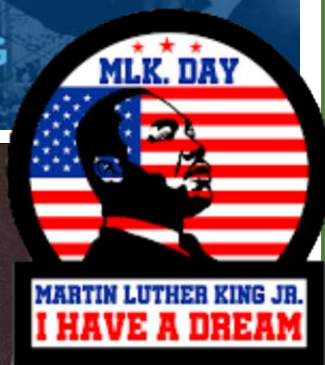
Martin Luther King Day 2021

January 18, 2021

LIFE'S MOST
PERSISTENT AND
URGENT QUESTION IS,
'WHAT ARE YOU DOING
FOR OTHERS?'

"DARKNESS CANNOT
DRIVE OUT DARKNESS;
ONLY LIGHT CAN DO
THAT. HATE CANNOT
DRIVE OUT HATE; ONLY
LOVE CAN DO THAT."

MARTIN LUTHER KING, JR.



2021 Skillathon will be online using a new Qualtrics method! This means it should be easier to navigate, and the questions will come right from the state skillathon test. Skillathon will open April 1 and close July 2. This is three months to complete the test online! The links will be posted on our county Facebook page and the county website on April 1.

Online DUNF forms will be required by the Ohio Department Of Agriculture in 2021. More information will follow in the next newsletter.

Livestock Quality Assurance Dates By Club For 2021

You may join in a different club's zoom meeting. It is highly recommended, however, that you join with your own club members. You must show your face the whole time and participate in the activities to receive credit for attending.

Jan. 28 – 6 p.m. **Wildwood Critters, Cross Creek Tomahawks, Bits -N- Pieces, Ribbons & Wranglers, Country Shamrocks, 4-H Varieties**

Jan. 29 – 6 p.m. **Sunrise Lads N Lassies, Friends & Neighbors, Denim N' Dust, Broken Fences, Appalachian 4-Her's, Buckeye Variety Livestock**

Feb. 11 – 6p.m. **Country Classics, Country Kids, Happy Hooves And Fancy Feathers, Liberty Gals &Guys**

Feb. 12 – 6 p.m. **43 Ramblers, Country Rangers, Town & Country**

March 3- 6 p.m. **Windy Ridge, Golden Horseshoe, Country Roadrunners, Purple Circle**

March 4 – 6 p.m. **Warren Ridge Wranglers, Free Spirits, The Dirt Diggers, Dusty Boots, Lucky Leaf**

April 16 – **Final \$25 Livestock Quality Assurance for Jefferson County via Zoom for those who missed their other appointment or did not join an alternate club's appointment. You must call 740-264-2212 to receive the link. At this point NO IN-PERSON Quality Assurance sessions are being planned.**

Jefferson County 2021 Possession Rules and Dates

Possessions of animals: Animals must be cared for by the youth member after a project is weighed-in, tagged in, and/or registered as a project. Animals must be stalled at the exhibitor's residence (as defined by school registration or driver's license). Any other location must be submitted in writing to the Jefferson County Jr. Fair Committee prior to start of project for approval by the committee. During the project year, if circumstances require a change in location and/or possession, the same written permission must be submitted and approved. The Stalling location must be within a 30-mile radius of the exhibitor's residence for consideration. Failure to comply with the possession rule will result in the exhibitor being suspended from participating on any level in the Jefferson County Fair for 1 year.

Dogs/Horses/Rabbits – June 1

Market Goats, Lambs, Feeder Calves, Market Hogs, Dairy Beef Feeders – May 1

All zoomed out? Complete Quality Assurance Through YQCA



Youth for the Quality Care of Animals (YQCA) is a national multi-species quality assurance program for youth ages 8 to 21 with a focus on three core pillars: food safety, animal well-being, and character development.

YQCA certification is being accepted by many livestock shows and fairs that require youth quality assurance certification. View the list here, but always check the entry requirements of each show for complete details.

YQCA is available as an online program for youth everywhere in the United States. YQCA is also offered as an instructor-led training and as a test out certification. Contact the entity requiring your YQCA certification to see which is available in your state, or contact info@yqca.org. Learn more about each type of training at yqca.org

Most Outstanding Exhibitor

Information regarding the application for most outstanding exhibitor will be available in the March newsletter.

Ohio Beef Expo is happening! Mark your calendars for the 2021 Ohio Beef Expo being held March 18-21 at the Ohio Expo Center in Columbus, OH. More details will be available soon.

Ohio 4-H Horse Poster Contest July 1, 2021 (All day)

Cost: FREE

Location: Ohio State Fair,
Gilligan Complex (during Junior
Fair Horse Show)

Contact:

Dr. Kimberly Cole
614-292-2625
cole.436@osu.edu



Healthy Body, Healthy Mind Virtual SPIN Club

Tuesdays from January 19 - February 23
5:30 - 6:30 p.m.

Join 4-Hers from across the state to learn fun ways to keep our bodies and minds healthy. Each meeting we will:

- Practice Yoga
- Explore a healthy living tool
- Play a game
- Complete a challenge

Open to all 4-H aged youth 8-18.

Register by January 14 at
<http://go.osu.edu/healthymindsSPIN>



2021 Ohio 4-H Conference

The 2021 Virtual Ohio 4-H Conference brings together 4-H **volunteers and teens** (age 13 and older) from across Ohio. You can participate in a variety of educational sessions that offer something for everyone! Join us as we learn from one another to make the best better for Ohio 4-H programs.

Virtual sessions start at **9:00 AM on February 20** and **7:00 PM on February 25 & 27**.

Registration Deadline: Monday, February 1, 2021

Cost: \$0

Location: Virtual

Registration Information:

ohio4h.org/events/ohio-4-h-conference

Free 4-H SPIN Club for youth grades 5-8
\$40 Swag Bag will be sent to the first 40 registrations!



New Year, New You:

Making YOUR Best Better

Weekly topics include:
New Year, New You, and the Awesome Things You Can Do!
Boys, Girls, Crushes and Feelings...Oh My!
TikTok, Snapchat, Insta: Are They Just Fun?
Work'n for a Live'n
What's up with Vaping, Marijuana, and Alcohol?
New Year, Healthy You!

Live Zoom Sessions
Every Sunday at 7 PM
February 7 - March 14
Registration closes
midnight January 15th
go.osu.edu/spinnyny

Ohio 4-H Volunteer Mental Health Training Series

Mental Health 101 January 6, 6:00 - 7:00 p.m.

Learn the basics of youth mental health issues from definitions to statistics. We'll explore common mental health myths, connect to mental health resources, and learn different ways you can help your 4-Hers.

Typical Adolescence vs. Emerging Mental Health Problems January 13, 6:00 - 7:00 p.m.

This session will help you identify signs and symptoms that may point to an emerging mental health problem in our youth. Learn strategies for having impactful conversations with 4-Hers about their behavior and mental health.

Suicide and Non-Suicidal Self Injury Training

January 27, 6:00 - 7:00 p.m. Learn to recognize the warning signs of suicide and NSSI and how to help someone you notice may be struggling. We'll give you tools to have impactful conversations and connect to key resources.

Trauma Informed Approaches Training January

20, 6:00 - 8:00 p.m. There are many types of trauma that impact the youth we work with. This session will give you an understanding of trauma and how to make your 4-H meetings a place of safety for those who have experienced it.

All sessions will take place via ZOOM. Pick and choose which sessions you attend. Register at go.osu.edu/4HMHtraining

Given the rise of COVID-19 in Ohio, effective December 7, all 4-H meetings and events are to be canceled, postponed or held virtually until January 15, 2021. Find new meeting and event guidelines at ohio4h.org/families/stayconnected



LESLIE'S CLOVERBUD CORNER



Happy New Year to All,

Did You Know: January was thought to be named after the Roman god Janus, the god of beginnings and transitions. With everything we have been through last year, I'm hoping for a better beginnings and transitions for all of us this year.

Beginning with our Cloverbud advisors - please let all Cloverbuds know where to find the information they need. Some of them were new members last year and were clueless about the newsletter online. They may have missed that conversation or maybe there was no internet service at home. Please feel free to email at aftanas.2@osu.edu if you have any members needing their activities. Also, I can send activities directly to each Cloverbud advisor for their kids to do each month to finish their books - just email for help. These are our Future 4-Hers and we want them to know what to do.

January - Make a Memory Jar

Let us look back on all you have accomplished in the years past. Any memories that you and your family have had that you remember can be used. Sit down with Mom, Dad, brother, sister, grandma, or anyone who wants to share some of their memories. This can be when your first tooth came out, a special vacation, special birthday, cooking, craft, that big fish, the fair, favorite ride, anything you may want. Then place the memories on a piece of paper with stickers, date if you know, photo, etc... Place in a **BIG JAR**. The memories will add up quickly. Continue doing this as you get more memories. Pick a special day each year to sit with family and read all about your **FANTASTIC MEMORIES.....**

February

February is a month for **Love**. So, I was thinking what better way to spread love than to make hearts to put in your windows. Everyone who drives by will see the hearts and can then spread the love. Who does not **LOVE** to play in the snow? Let us make some snow angels, build a snowman, ride a sled, have a snowball fight, or even build a fort. This is great exercise to spend some time outside with the family.

Newsletter Recap

September - October – Rake leaves, make vegetable soup, color farmers market page, word search, visit farmers market or supermarket, and make a meal for someone

November and December – Grinch coloring page, Grinch and Santa's word-find, grilled pizza rolls, and bird food craft

These activities can be done as you are able to do them. Each Cloverbud will receive a bead for each activity they complete. Please encourage your kids to have fun and let me know when they complete an activity so I can mail the beads out.

This year, our Cloverbuds will have to get a Cloverbud book. These books are a great way to get them started in 4-H by helping them with the 4-H pledge and knowing the colors of 4-H. In the book, you will find club activities that they will need to fill out. Any of the activities listed above can be used for this. This is a fantastic way to get them adjusted to doing project books.

GET YOUR HANDS ON OHIO 4-H CLOVERBUD RESOURCES!

Hey Cloverbud Advisors, while you are “Home for the Virtual Holidays,” find some great activities for your youngest members on the Cloverbud Connections blog. Don’t forget to subscribe to the blog to automatically receive updates!

Visit u.osu.edu/cloverbudconnections

J-Fit

Here are some ways to get J-Fit beads. If you do not want the beads, that is fine too. Remember, you need 3 activities for your honor status. **IF YOU DO WANT BEADS**, please send an email of what you have done to aftanas.2@osu.edu.

Previous activities have included:

- Raking leaves in the fall.
- Making a meal for a neighbor or elderly family member.
- Taking a walk and enjoying the fresh air.

New in January and February:

- With the overnighiter not happening in January, we can exercise and get your beads for the overnighiter.
- 1. **Swimming** - move your arms for 5 minutes like you are swimming.
- 2. **Play Racket Ball** - move your arms and legs like you are playing.
- 3. **Basketball** - play basketball at home.
- 4. **Take a Walk** - like we would around the overnighiter.
- 5. **Walk Steps** - walk up and down the steps at home about 10 times. I know I do them more than that at the overnighiter!
- 6. **Jump Rope** - we always did jump rope so this is a good exercise you can do at home, too.
- 7. **Dance** - Pick a favorite song, get the family together and teach them a line dancing move.
- 8. **Scavenger Hunt** – Create your own scavenger hunt for the family. Be creative and have fun.

Some February fun:

1. Make hearts in February and hang them in your front window.
2. Make a memory jar just like the Cloverbuds. This can be a fun time with the family.
3. Build a snowman, have a snowball fight, ride a sled, create a snow angel, or just have fun with any outside snow.

Please send me some photos, Facebook posts, and Tik Tok videos - I love seeing your creativity. Have fun. Let us start the new year out with a bang.

4-H Club Advisors' Training and Rescreening for 2021

Volunteers help make 4-H possible. Without 4-H volunteers the program would not have the mentors and leaders that Ohio's youth need in order to learn the new skills that 4-H has to offer. With each volunteer comes knowledge, experiences, and skills which can be taught to 4-H youth and shared with the 4-H program "to make the best better." Volunteers and parents are a major reason for 4-H's success in youth development. Since 1902, volunteers have helped the 4-H program develop successful leaders, build young minds, and set the path for 4-Hers to take the world by storm. To create and support this positive 4-H environment, Ohio State University Extension has adopted specific policies, procedures, and best practices. As an organization, we believe in the important role that policies and procedures play in ensuring a positive and safe learning experience for youth, parents/guardians, volunteers, and community members.

Advisors needing rescreened for 2021 are listed below. This must be completed and sent by **February 28, 2021. This is a state deadline not a local deadline.**

Aftanas, Leslie	George, Teresa
Andes, Heather	Grimes, Debra
Bednarek, Tabitha	Hennis, Trevor
Bennett, Amber	Hill, Karen
Birney, Sherri	McConnell, Suzanne
Bittner, Robin	McConnell, Thomas
Bonecutter, Carl	Merkel, Heather
Bonecutter, Gretchen	Miller, Heather
Bonecutter, Jeffrey	Molinaro, Christine
Capozzi, Leeann	Sanders, Coral
Carter, Henry	Supanik, Kathy
Core, Cathy	Wedlake, Robin
Everhart, Nicole	Wiley, Jamie
Ferralli, Carey	Wiley, Ronald
Finney, Clint	Zifzal, Melissa

OSU Extension requires rescreening (FBI/BCI checks) for all advisors every three years. You as a volunteer may receive a letter in the mail soon, regarding rescreening. In addition, all volunteers must complete an annual advisors training. Training requirements for 2022 will increase to include at the very least an additional hour of training.

Advisors training will be held via Zoom at 7:30 PM, Feb. 13. All advisors will be sent a link via the email we have on file. To update your email, please contact allison.325@osu.edu. The training will include policy 1.50, information about 4-H Online enrollments, the up-coming online DUNF process, Qualtrics Skillathons, advisor rescreening update, and the new advisor training requirements coming in 2022. One additional advisor training will be available. Dates will be released in the next newsletter for March and April.



FARM OFFICE *Live*

Farm Office Live returns virtually this winter as an opportunity for you to get the latest outlook and updates on ag law, farm management, ag economics, farm business analysis and other related issues from faculty and educators with the College of Food, Agriculture and Environmental Sciences at The Ohio State University.

Each Farm Office Live will start off with presentations on select ag law and farm management topics from our experts and then we'll open it up for questions from attendees on other topics of interest. Viewers can attend "Farm Office Live" online each month on Wednesday evening or Friday morning, or can catch a recording of each program. The full slate of offerings for this winter:

January 13th 7:00 – 8:30 pm
January 15th 10:00 – 11:30 am
February 10th 7:00 – 8:30 pm
February 12th 10:00 – 11:30 am
March 10th 7:00 – 8:30 pm
March 12th 10:00 – 11:30 am
April 7th 7:00 – 8:30 pm
April 9th 10:00 – 11:30 am

Topics to be addressed this winter include:
Outlook on Crop Input Costs and Profit Margins
Outlook on Cropland Values and Cash Rents
Outlook on Interest Rates
Tax Issues That May Impact Farm Businesses
Legal trends for 2021
Legislative updates
Farm business management and analysis updates
Farm succession & estate planning updates

Who's on the Farm Office Team? Our team features OSU experts ready to help you manage your farm office:
Peggy Kirk Hall -- agricultural law, Dianne Shoemaker -- farm business analysis and dairy production, David Marrison -- farm management, Barry Ward -- farm management and tax

Register at go.osu.edu/farmofficelive
We look forward to you joining us this winter!

Ohio State University Extension Jefferson County greatly appreciates the support of the Jefferson County Commissioners: Dr. Thomas Graham, Dave Maple, Jr., and Tony Morelli.

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