

CFAES

OHIO STATE UNIVERSITY EXTENSION

New Jr Fair Rules! See pages 7 & 9

Morrow County SCARLET & GRAY News

Volume 16 Issue 1 • March/April 2020

Introducing our new SNAP-Ed Program Assistant Kathy Whitmore!

Kathy Whitmore of Lexington is the new Supplemental Nutrition Assistance Program (SNAP-Ed), Program Assistant with the Ohio State University (OSU) Extension Office – Morrow County.

Whitmore will be working with and helping to educate residents who are eligible for the benefits of the program. She will be teaching all ages from pre-school to senior citizens. Whitmore will be doing a variety of programs and classes throughout Morrow County.

The SNAP-Ed programs are designed to increase the likelihood that people eligible for SNAP will make healthy food choices within a limited budget and choose physically active lifestyles.

If you are interested in a class or program series, please contact Kathy Whitmore at 567.876.0007 or whitmore.5@osu.edu, for more information.

The Supplemental Nutrition Assistance Program Education: Nutrition Education and Obesity Prevention Grant Program (SNAP-Ed)

SNAP-Ed is a free nutrition education program serving participants and low-income individuals eligible to receive SNAP benefits or other means-tested Federal as-

sistance programs throughout Ohio. SNAP-Ed is funded by USDA's Food and Nutrition Service and serves in partnership with the Ohio Department of Job and Family Services and Ohio State University Extension. The goal is to improve the likelihood that families and individuals who receive SNAP benefits (SNAP) will make healthy food choices and choose active lifestyles. Through SNAP-Ed classes participants learn to select, prepare and incorporate fruits and vegetables, whole grain, low-fat protein foods and low-fat dairy products into a healthy diet; to use limited resources to plan, purchase and prepare food for the family; to be physically active every day; and to store and handle food so it is safe for consumption.



SNAP-Ed
Better Lives.
Stronger Communities.

2019 Morrow County 4-H Volunteers

The 2019 4-H Volunteer Appreciation Night was held on Jan. 18 at the Cardinal Center, Marengo.

The following volunteers were recognized:

FIRST YEAR

Kimberly Anthony, Heather Clapham, Fether Dell, Lindsey Gallik, Erin Hall, Christina Keever, Abigail Kelly, Brooke LaRoche, Shannon Lasser, Shelby Perkins, Taylor Stepp, Jaime Zeger

SECOND YEAR

Kari Adams, Brittany Arnold, Stacey Beck, Brent Bockbrader, Tolly Bockbrader, Sonya Brown-Morris, Kathy Dudley, Curtis Grimm, Sandy Kovacs, Charles McGee, Curtis Nelson, Lindsay Nelson, Rachelle Newson, Christy Orr, Candala Rogers, Riley Sherman, Kellie Squires

THIRD YEAR

Jennifer Alexander, Ben Davis, Laura Fiant, Betsy Gallagher, Brian Gingerich, Christy LaRoche, Jennifer Morrison, Candi Rollins, Sarah Shaffer, Miranda Spoon, Tabitha White

FOURTH YEAR

Erin Bender, Marcie Chamberlain, Mark Chamberlain, Wade Delawder, Jessica Dye, Melody Franklin, Katie Grandstaff, Lora Hamilton, Jacklynn Johnson, Robin Munday, Bridget Whetnall, Peggy Wolf, Tasha Zornes

FIFTH YEAR

James Anderson, Linda Bowman, Cory Clark, Megan Davis, Stacy High, Justina Keckler, Mary Meimer, Rebecca Miller

SIXTH YEAR

Jessica Anderson, Calina Barry, Kelly Beck, Matthew Beck, Sally Brokaw, James Eblin, Kristen Eblin, Terri Foster, Vanessa Gingerich, Robin Jordan, Megan Michels, Teresa Smith, Martha Wall

SEVENTH YEAR

Jeff Copley, Carri Jagger, Darren May, Cherie Smith,

EIGHTH YEAR

Cynthia Hartley, Ashley Smith, Kathleen Townsend

NINTH YEAR

Tracy Gray, Brigitte Kanagy, Emily Leibengood, Amy Walter

TENTH YEAR

Shelby Emerson, Angie White

ELEVENTH YEAR

Holly Gordon, Judy Mayer

TWELTH YEAR

Don Burdall, Dale Clinedinst, Loren Coleman-Cronewell, Robin Conrad, Alea LaCroix, Florence Smith

THIRTEENTH YEAR

Darla Clinedinst, DeAnna Collins,

FOURTEENTH YEAR

Tammy Cooper, Toni Stepp

SIXTEENTH YEAR

Lisa Beck, Gena Dutton, Russ Mayer,

FIFTEENTH YEAR

Barb McElwee, Jason Ruhl

SIXTEENTH YEAR

Sue Miller, Martha Osborne, Richard

SEVENTEENTH YEAR

Sears, Kelly Weikel, Mike Wilgus

EIGHTEENTH YEAR

Candida Doubikin, L. Beth Gress,

NINETEENTH YEAR

Mike Ruhl, Jana Warner

SEVENTEENTH YEAR

Sheila Beck

EIGHTEENTH YEAR

Robin Brandum, Mary Neviska

NINETEENTH YEAR

Angie Bush, Peggie Van Horn

TWENTIETH YEAR

Missy Kidwell

TWENTY-FIRST YEAR

Lynn Fraizer, Kim Hessey, Linda Hill,

TWENTY-FIFTH YEAR

Julie Logan

LEONINE VAN DYKE

Leontine Van Dyke

TWENTY-NINTH YEAR

Carol Holsinger, Renee Ness

THIRTIETH YEAR

Betty Brandum, Mike Fry

THIRTY-FIRST YEAR

Charlene Pace

FOURTY-SECOND YEAR

Betty May, Steve May

FIFTY-FIFTH YEAR

Gene Dumbaugh

FIFTY-SIXTH YEAR

Jan Johnson

SIXTHIETH YEAR

Bill Hershner

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AGRICULTURE



10 things you need to know before growing hemp

Spring Is In Sight

I have received several questions about growing hemp and what folks need to do to get started. The first thing that folks should do is to find an outlet for the hemp they are wanting to produce. If there isn't anywhere to sell it then the thought of growing it should be reconsidered. Below is a list of ten things you need to know before growing hemp compiled from OSU Extension. I highly encourage anyone who is thinking about growing hemp to do research and attend educational sessions about growing and marketing it.

1. Hemp is a sibling to marijuana and looks exactly like marijuana. The only difference between the two is in the level of THC (tetrahydrocannabinol), which causes hallucinogenic effects.

2. Hemp seed can be hard to find and expensive. Buying seed from a reputable dealer is critical to prevent the crop from containing more than 0.3% THC.

3. Hemp growers and processors have to get a license from the Ohio Department of Agriculture.

4. The Ohio Department of Agriculture must test hemp before it is harvested to ensure the THC levels are below 0.3%. Then, the hemp must be harvested within 15 days of the test.

5. If farmers produce a crop of hemp that tests over the 0.3% limit for THC, the crop is considered to be marijuana and must be destroyed.

6. Grown for textiles or plastics, hemp has a planting rate of about 400,000 per acre. Hemp for CBD oil is grown at 1,000 to 2,000 plants per acre.

7. Growing hemp for CBD oil is more labor intensive and similar to growing tobacco, while cultivating hemp for fiber is more like cultivating a traditional row crop, planted much like corn or soy.

8. Hemp grown to produce CBD oil uses only female plants and farmers typically buy them as plants – not seeds. (The female plants focus on producing flowers, which is needed for CBD; the male plants focus on producing more seeds.)

9. Hemp thrives in warm weather and in soil that drains well. Hemp grown for CBD oil requires a lot of water and likely an irrigation source.

10. Having a signed contract with a buyer before planting is highly encouraged as current trends make the prospect of selling hemp on the open market unlikely, or at a reduced price.

(Source: OSU Extension, the outreach arm of the College Food, Agricultural, and Environmental Sciences)

This has been a long, unpredictable, wet winter. Thank goodness spring is in sight, Thursday March 19th will be the first day of spring. With this being said, it's time to start thinking about planning vegetable gardens. If starting a new garden, soil testing the site where the garden will go is a good idea. If it is an existing garden and the soil has never been tested, now would be a good time to think about testing it. Your local OSU Extension office can help you with soil testing. Another gardening task to be thinking about is seed starting. Growing plants from seed is a lot of fun and now is the time to be doing this. Seeds can be started indoors under a grow light or in a bright window. A few seeds that can and should be started indoors early are: Tomatoes, Peppers, Eggplant, Broccoli, Brussel Sprouts, Cabbage, and Cauliflower to name a few. Tomatoes, Peppers and Eggplant should be started now and the others can be started later in March.

A few supplies will be needed when starting seeds.

- Seed starting soilless mix
- Seed starting containers
- Labels
- Spray bottle
- Plastic wrap
- Seeds

When starting seeds special seed starting kits can be purchased, however creativity is more fun. A simple egg carton with popsicle stick labels will work, just make sure to poke holes in the egg carton for drainage. Place the seed starting mix in egg cartons or seed starting trays then premoisten the soil. Pick out seeds and poke them in the soil one seed per cell. Make sure to label the seeds so that it isn't a mystery when it's time to transplant them. Lastly cover the seeds with plastic wrap and this will create a mini greenhouse to help hold moisture and heat in the soil until the seeds germinate. Once the seeds germinate take the plastic wrap off and keep in a bright window or under grow lights. Trays may need to be turned if the plants start to stretch towards the light. Plants should also be given a little brush with your hand every day to help strengthen them up, this mimics the wind.

Once plants have gotten one set of true leaves transplant them to a larger container with one plant per container. When the temperatures start to warm up gradually introduce the plants to the outdoors where they will become hardened off.

For more information about seed starting visit: <https://extension.unh.edu/resource/starting-plantsseed-fact-sheet>

OSU Extension Mid-Ohio Small Farm Conference - Sowing Seeds for Success scheduled for March 14th

*Do you own a few acres that you want to be productive
but you're not sure what to do with it?*

*Do you have a passion for farming and turning your piece of this
wonderful earth into a good producing oasis?*

Do you own land or forest that you're not quite sure how to manage?

Do you want livestock but have questions about fencing and forage?

*Do you raise or produce products that you would like to market and
sell off your farm but you're not sure how to make it successful?*

If you're asking yourself these questions, you should think about attending the 2020 Small Farm Conference - Sowing Seeds for Success on March 14 from 8:00 a.m.-3:30 p.m. at the Mansfield OSU Campus in Ovalwood Hall. The campus is just minutes from I-71 and US Rt. 30.

Please visit: go.osu.edu/osufarmconference2020 for class and registration details or call OSU Extension Morrow County 419-947-1070.



Tuesday March 31st @ 6:00 p.m.

Dr. Tim McDermott has been an Extension Educator in Agriculture and Natural Resources for the past four years after twenty years in private practice veterinary medicine and surgery. He lectures state wide to audiences on poultry topics including nutrition, husbandry, biosecurity, and disease management. He is a visiting instructor to the Ohio State University College of Veterinary Medicine teaching 4th year veterinary students the poultry component of the Veterinary Preventative Medicine rotation.

**Where: AgCredit Building 5362 US HWY 42 Mt. Gilead Ohio
Second Floor Conference Room**

Questions:
OSU Extension Office
419-947-1070 or
Jagger.6@osu.edu

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THE OHIO STATE UNIVERSITY
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AND ENVIRONMENTAL SCIENCES

OSU provides research and related educational programs to residents of participating counties. For more information visit extension.osu.edu. For an accessible format of this publication visit osu.edu/accessible.



AGRICULTURE

Choosing a Supplement for the Cowherd

By Jeff Lehmkuhler, PhD, PAS, Beef Extension Specialist, University of Kentucky

The spring of 2019 delayed hay harvest in many parts of the state. This delay resulted in much of the hay being harvested at mature stages. Fescue was in full flower to soft-dough stage or even more mature in some cases. Mature forages have greater cell wall and lower digestibility.

I tried to demonstrate the impact of late cutting on feed value by clipping non-fertilized fescue plants the 3rd week in June. These plants were over three feet tall when I cut them. I proceeded to separate the bottom leaves, stem and seed head for yield and quality. The stem and seed head represented approximately 50% of the biomass. The stem had already matured to the point that it was tan in color. The leaves comprised the remaining 50% of the biomass and contained 10% crude protein and a calculated TDN of 54%. The stem itself was only 3.1% crude protein with a TDN of 45%.

Let me give you a reference to better relate the fescue stem quality (about half the biomass). As we all know, wheat straw is the aftermath from harvesting the grain. Wheat harvest often occurs in late June through July. Did you catch that? The book values for crude protein and TDN of wheat straw are 3.6% and 43%, respectively. Yes, that stem fraction on the hay cut in late June is similar in quality to straw! I know we can't control weather, and many of you are just trying to make the best out of what you have to feed.

Let's make an action plan.

Step 1) Test the hay for nutrients so we know what we have in the hay. Surprisingly much of the hay may be sufficient in protein for dry, mid-gestation beef cows and only need energy supplementation. However, cows that came into the winter thin, may need additional protein supplementation to regain body condition.

Step 2) Determine the nutrient needs of the class of cattle fed. Fall calving cows that are nursing 90-100-day old calves need more nutrients than a dry, gestating cow that won't calve until April. Match up lower quality forages with cattle that have lower nutrient requirements.

Step 3) Develop a supplement program to meet the nutrient needs. Having the forage test will let you see if you need to supplement energy, protein or both. A protein tub may balance the protein needs but still not provide enough energy due to limited intake. Focus first on meeting the nutrient needs and then determine what supplement is the most cost effective and/or easiest to handle to provide to the cattle.

Protein source generally is recommended to be a plant-based product. Soybean meal, corn gluten feed, dried distillers grains, cottonseed

meal, and other plant protein sources can be utilized. Non-protein nitrogen sources (i.e. urea and biuret) can be utilized but may not be as efficient as plant sources. However, providing non-protein nitrogen on very low-quality forages is better than not supplementing if protein is needed to meet the rumen degradable protein requirements.

In many instances, energy is deficient in the forages and will need to be supplemented to meet the needs of the cows. The energy may be from about any source such as starch, sugar, highly digestible fiber, protein or fat. However, the level or amount supplemented from these sources have limits to avoid digestive upsets. For instance, this year corn may be a cost-effective energy supplement. However, the starch from corn can reduce fiber digestion if there is insufficient degradable protein in the rumen. As a rule of thumb, cows should be limited to not more than three pounds of corn per 1,000 lb of body weight to reduce the risk reducing fiber digestion. Sugars from molasses tend to have less of impact on fiber digestion in the rumen.

However, excessive amounts of sugar consumption can lead to reduced fiber digestion. Fat supplementation can also have a negative impact on fiber digestion at higher intakes. Total dietary fat is typically recommended to not exceed 6%. Forages when often contain 2-3% fat. Fat intake from supplement then should be limited to around 0.75 lb/d for mature cows. Let's say you had some whole soybeans in the bin that you wanted to feed rather than sell. Soybeans will contain around 18% oil or fat. The amount of whole soybeans that would be recommended to be fed would be four pounds or less. Four pounds supplies about 0.7 lb of fat to the diet. Limiting intake based on fat applies to distillers syrup and other high fat feeds. Feedstuffs with highly digestible fiber work well on forage-based diets. Soyhulls, rice bran, beet pulp, corn gluten feed, wheat middlings and other feeds can be utilized. Feedstuffs with low starch and highly digestible fiber can be fed at higher rates with minimal risk of digestive upsets. These feeds can be blended with cereal grains and protein sources to develop supplements for the cow herd.

When choosing a supplement to provide to beef cows, begin with a plan. Once the forage nutrient content is known along with the nutrient needs of the cattle, the supplement that will balance the supply and needs can be selected. Several choices will be available. Cost and ease of handling narrows the selection for many. Always work with a nutritionist to ensure to develop a strategy for supplementing your herd. For more information contact your nutritionist or local county extension office.



Morrow County Scarlet & Gray News

Pastures For Profit Grazing School

Wednesday April 1, 5:00 - 9:00 p.m., workshop at The Longview Center, 2495 W Longview Avenue, Mansfield, OH 44706
Thursday April 2, 5:00 - 9:00 p.m., workshop at the Longview Center
Friday April 3, 9:00 a.m. - 3:00 p.m., Pasture Walk at a Buckeye County Feeder Beef and Goat Operation

Register by March 25 at www.BuckeyeOSU.net or 619 747 8606

Cost: \$50 per person includes Resource Notebook and dinner Wednesday and Thursday. One evening will be pizza and the other will be deli style.
\$20 per person without notebook

Participants who attend all 3 sessions will receive a grazing stick of the Pasture Walk. The resource notebook and grazing stick are provided by the Ohio Forage and Grassland Council. Online registration payments are with credit card and convenience fee will be added. No refunds available due to cost of materials.

Session 1:	Session 2:
<ul style="list-style-type: none"> Getting Started/Understanding Your Resources Pasture Soil Fertility Protein Plant Growth Forage Species Selection Meeting Animal Nutritional Requirements as Pastures 	<ul style="list-style-type: none"> Environmental Considerations Fencing Systems Leashock Weaning Systems Pasture Layout and Design Economics of Grazing

Sponsored by the, National, Commercial, University and National Soil and Water Conservation Districts, USDA-Natural Resource Conservation Service, Ohio Department of Agriculture, and Ohio Forage & Grassland Council. USDA is an equal opportunity provider, employer and lender.

CFAES Ohio State University Extension

Adult & Youth BQA Training

March 11, 2020 • 6:00- 7:30 pm

In today's market, it is important to take advantage of any and all opportunities that make our cattle more desirable to the buyer sitting in the stands. As of now, Wendy's restaurant, Tyson Foods and multiple auctions have announced that they will require producers to be certified in BQA in order to market their cattle or serve their product. To learn more and become certified, join us March 11, 2020.

Will also cover Morrow County Annual Quality Assurance

OSU Extension Morrow County
5362 US HWY 42
Mt. Gilead Ohio 43338
2nd Floor Conference Room

Please RSVP to the OSU Extension Office
419-947-1070 or
Jagger.6@osu.edu
by March 6th 2020

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AGRICULTURE



When to start grazing: Don't rush it!

By Chris Penrose, Extension Educator, Ag and Natural Resources, Morgan County (originally published in the *Ohio Farmer on-line*)

Stockpiled fescue can be an excellent place to accomplish early turnout, and begin calving.

One goal I have had with livestock grazing over the years is to start as soon as I can. I put spring calving cows on stockpiled grass in early March to calve with the hope of not having to feed any more hay. Many years this works and some years it does not. The best I have been able to do over the years is to do a rapid grazing of paddocks that are starting to grow that were not grazed close last fall or during the winter. I would then hope that by the time I went through the paddocks, the spring flush of growth was well underway.

If the winter continues into spring like the way it began, I suggest we don't rush things as we have a couple issues that could be going on. First, growth may be slow this spring, and second, many pastures have sustained abnormal damage this winter from the wet conditions.

As mentioned, if you have fields that were not grazed in the late fall or over the winter and are in good shape, you may be able to do a fast rotation through them when growth allows it. However, if fields are not in good shape and growth is just starting, waiting is a better option. Grass starts growing from the roots and needs enough leaf surface to start putting energy back into the

roots and if it is grazed off before this can happen, it will weaken or kill the plant.

In addition, if the field does not get enough time to recover and grow desirable grass and legumes, summer annual weeds are likely to germinate and grow in the next couple months. How many of us had weeds like foxtail, horsenettle, cocklebur, and ragweed in our fields last year? A likely contributor could be the fields were grazed too close and too soon in the spring. I have had success reducing weed issues – ragweed in particular – by skipping the first rotation or two in fields that had notable damage from feeding hay over the winter. If you do plan on doing early grazing when growth starts with the hope that by the time that is done the spring "flush of growth" will have started, don't keep them in paddocks too long. The fast rotation will reduce the chances that the cows will graze too close, and if the ground is wet, pugging will be minimized. Also skip paddocks at least once where you fed hay this winter to allow them to recover and reduce the amount of summer weeds you will have.

If you have damage to paddocks, there are a several options: do nothing, frost seed, or smooth up and re-seed. If damage is not too bad, you can simply do nothing. Production may be limited for the year and you may need to monitor weed issues. If damage is not too bad and some re-seeding may be appropriate, frost seeding may still be an option.

If you need to smooth up ground and re-seed,

determine if you want to plant annual or perennial plants, I generally lean towards perennials. Many situations, a mix of grass and legumes works well. If it is in a field that will have abuse in future years, a persistent grass like endophyte fescue or a novel endophyte fescue will provide a denser more persistent sod.

The bottom line is the less we have to feed hay in fields, the less damage we will potentially have. In the perfect world, we would be able to stockpile enough forage and even plant some crops like turnips, oats and cereal rye to meet most of the feed requirements for the winter. When we have to feed hay, a heavy use pad is an excellent option.

So much of this is an art based on science. I remember my teacher and friend Lorin Sanford say "It is the eye of the master that fattens the cow". There are a lot of variables in each producer's operation. Everyone's situation is a little different, but resist the temptation if hay is running short to put cattle out on fields that are just starting to grow that have been under any stress from close grazing or winter damage. It will allow for less hay fed in the long run and a more productive field this summer. If areas need to be re-seeded from damage, they will also need additional time to recover and grow as well. Finally, now is a good time to evaluate ways to reduce the need for stored feed next winter.

Ohio Swine Health Symposium Mar. 18

The Ohio Swine Health Symposium will be held Wednesday, March 18, 2020 at Der Dutchman Restaurant, 445 S. Jefferson, SR 42, Plain City, OH.

Registration should be made by March 13 to OSU Extension - Putnam County, 1206 E Second St/PO Box 189, Ottawa, OH 45875 or meyer.524@osu.edu. Cost is \$10.00 per person. Scheduled topics include:

- An Update From the State Veterinarian (Dr. Tony Forshey, State Veterinarian, Ohio Department of Agriculture, Division of Animal Industry, Reynoldsburg, OH)

- Flu: Vaccination Strategies and Control (bill Minton, DVM, Four Star Veterinary Services)

- Current Efforts Toward Improving Pig Livability (Chris Rademacher, DVM, Iowa State University)

- Secure Pork Supply: Farm Level Changes We Implemented With Our Plan (Terri Specht, DVM, and Christine Snowden, Heimerl Farms)

- Strep Suis: New Ways to Think About Vaccines (Dwain Guggenbiller, DVM, Phibro Animal Health)

For questions, please contact Dale Ricker at 419-523-6294 or ricker.37@osu.edu.

Home Gardener Vegetable Research Trials

"The Ohio State University is conducting vegetable trials with home gardeners. We want your opinion as to what grows well in Ohio and what Ohioans prefer (including the taste). There will be two sets of trials this year; spring trials and summer trials. Each will have five vegetables to choose from. You may choose how many of these that you would like to try in your garden. For each vegetable there will be two varieties to test side-by-side. Each vegetable trial will cost \$3 and will include enough seed to grow a 10 foot row of each variety, growing instructions with garden layout options, and row markers. You are asked to report your results either on the provided paper form or by using our online system. Additionally, we are asking you to submit photos for us to share with others in the project as we go through the season.

If you are interested in participating, go to our signup page <https://go.osu.edu/veggies2020>

If you have questions please call Carri Jagger 419-947-1070

Morrow County Pork Producers Brunch Banquet

The Morrow County Pork Producers will have their Brunch Banquet on April 25, 2020 starting at 9:00 a.m. at the Handlebar Ranch, Mt Gilead, Ohio. The cost is \$10 per person.

Please RSVP to the OSU Extension Office - Morrow County - (419) 947-1070.

Overwintering of Pathogens and Insects - What do Winter Temperatures Tell Us About Next Season?

Over the years we have developed databases of winter temperatures followed by scouting to indicate starting pathogen populations for Ohio.

Frogeye leaf spot - We have documented early infections and overwintering ability of the fungus, *Cercospora sojina*, that causes frogeye leaf spot. It appears that when there are less than 10 days during the months of December, January and February of less than 17 F, we have had reports of outbreaks of frogeye leaf spot. This oc-

curred in fields where there was a high level of inoculum at the end of the season the same or similar moderately to highly susceptible cultivar was planted into the same field again which then initiated the epidemic that much sooner. Losses of greater than 35% in yield or very early fungicide applications were necessary.

Expecting continued warmer winter temperatures, for fields with a history of frogeye leaf spot, and no-till production systems, the first

thing for farmers is to do now to mitigate losses in 2020:

1. Rotate fields with high levels of frogeye leaf spot into corn or another crop.

2. If it is still targeted for soybean, look at their soybean varieties frogeye leaf spot resistance scores. Your seed dealer will have more information. Plan now for what fields they will go into.

3. Scout the susceptible cultivars much earlier than what we have called for in the past and monitor levels.

Another pathogen that may be more prevalent after a warm winter is Stewart's bacterial wilt. This disease is transmitted to corn by corn flea beetle which survives in greater numbers in warm winters. This is a greater problem in popcorn and sweet corn as most field corn has high levels of resistance to the bacterium.

Most other field crop insect pests in Ohio are not highly influenced by winter conditions as they are well-adapted to withstand cold overwintering conditions.

One exception is Mexican bean beetle, an occasional pest of soybean (especially in central Ohio). Warm winter conditions may cause higher populations of this insect the following field season.



AGRICULTURE

Tar Spot of Corn Compost Workshop Series Offered

Tar Spot, a new disease of corn caused by the fungus *Phyllachora maydis*, was reported for the first time in Ohio at the end of the 2018 growing season. At that time, it was found mostly in counties close to the Indiana border, as the disease continued to spread from the middle of country where it was first confirmed in 2015. Over the last few weeks, there have been several new, confirmed reports of Tar Spot in Ohio, this time not only in the northwestern corner of the state, but also from a few fields in central and south-central Ohio. As was the case last year, disease onset was late again this year, with the first reports coming in well after R4. However, some of the regions affected last year had more fields affected this year, with much higher levels of disease severity. It could be that Tar Spot is becoming established in some areas of the state due to the fungus overwintering in crop residue from one growing season to another. This is very consistent with the pattern observed in parts of Indiana and Illinois where the disease was first reported. We will continue to keep our eyes out for Tar Spot, as we learn more about it and develop management strategies. You can help by looking for Tar Spot as you walk fields this fall, and please send us samples.

Tar Spot What does it look like?

Even though corn is drying down, if Tar Spot is present, you can still detect it on dry, senescent leaves almost as easily as you can on healthy leaves. So, please check your fields to see if this disease is present. "Symptoms of tar spot first appear as oval to irregular bleached to brown lesions on leaves in which raised, black spore-producing structures call stroma are formed... giving the symptomatic areas of the leaf a rough or bumpy feel to the touch... resembling pustules on leaves with rust. Lesions... may coalesce to cause large areas of blighted leaf tissue. Symptoms may also be present on leaf sheaths and husks." As the name of the disease suggests, symptoms look like the splatter of "tar" on the leaves. In some cases, each black tar-

like spot may be surrounded by a necrotic halo, forming what is referred to as "fish-eye" lesions.

What causes Tar Spot and how damaging is it? In the past, the greatest impact of this disease in terms of yield loss were observed when *P. maydis*-infected plants were co-infected with a second fungus called *Monographella maydis*. In other words, the damage tended to be much more severe when the two fungi worked together to affect the plant. So far, only the first fungus, *P. maydis*, has been reported in the US, but based on work done in Illinois, this pathogen alone is capable of causing substantial yield reduction on highly susceptible hybrids when conditions are favorable and infections occur early.

Where did it come from and will it survive and become established? At this point it is still unclear as to how Tar Spot got to the US in the first place and how it continues to spread. The fungus is not known to be seed-borne or infect other plant species, so corn seeds and weeds are unlikely to be the sources of inoculum. However, the fungus can survive and be moved around on fresh and dry plant materials such as leaves and husks. In addition, since spores of the fungus can be carried by wind, it could be blowing in from neighboring states/counties/fields. Although not yet confirmed through survival studies, it appears that the fungus could be overwintering in infected crop stubble between growing seasons.

What should I do if I find Tar Spot? If you see anything that fits the description of, or resembles (Picture) Tar Spot, please inform your state specialist, field specialist, or county extension educator, but most importantly, please send samples to my lab (1680 Madison Ave, Wooster, OH) for confirmation. We will also be using your samples to study the fungus in order to develop effective management strategies. Read more about Tar Spot of Corn at: <https://cropprotectionnetwork.org/resources/articles/diseases/tar-spot-of-corn> <https://www.extension.purdue.edu/extmedia/BP/BP-90-W.pdf>



In the United States, more than 267 million tons of waste was generated in 2017. The average person alone generated 4.51 pounds of waste per person per day. This number continues to rise each year and is now pushing 5 pounds. Do the math on how much you are generating in one year!

An even more alarming statistic is, In the United States, about 95 percent of food scraps are being thrown away and eventually end up in a landfill. Yard waste, grass clippings, leaves and branches—fair a little better, with more than half diverted to compost facilities instead of landfills (phys.org)

Needless to say, the top items being thrown in the landfill are all items that can easily be composted. 1. Paper and Cardboard; 2. Food Waste; and 3. Yard Trimmings. Compost is an inexpensive, natural process that transforms organic waste into a valuable and nutrient rich material, which can be used as a soil conditioner. Compost is commonly given a nickname of "Black Gold."

Would you like to learn how to make your own Black Gold? Come and learn how to turn your yard waste, garden weeds, food scraps and even animal manure into a valuable soil amendment for your home garden and beyond! A series of

five workshops will be co-led by Lindsey Grimm, Morrow County Recycling/Keep Morrow County Beautiful and Carri Jagger, Morrow County Extension - Agricultural & Natural Resources Extension Educator. The workshops are being offered free of charge and if a participant attends at least two of the five, they will be entered in a drawing to receive a compost bin (various types to choose from). Make plans to attend the last workshop on Aug 18, 2020 as you must be present to win.

Compost Workshop Series

March 18 – All about Composting – Kick-off event

April 21 – All about Vermicomposting and Worms

May 19 – All about Backyard Composting

July 7 – Compost that Animal Waste!

Aug 18 – Harvesting and how to use your "Black Gold"

All workshops will start at 6PM and be held at the OSU Extension, Ag Credit Building—Upstairs Conference Room. For more information of have questions regarding the compost workshop series, contact Lindsey Grimm at 419-946-6400 or Carri Jagger at 419-947-1070. Email: recycle@morrowcountiohio.gov

The Morrow County Master Gardener Volunteers

presents:



All About Composting!

When: Wednesday March 18, 2020 at 6:00 pm

Where: OSU Extension; Ag Credit Building—Upstairs Conference Room

Cost: Free

Join the Morrow County MGVs as they host Lindsay Grimm, Morrow County Recycling and Keep Morrow County Beautiful Coordinator. Lindsay will be teaching composting techniques home gardeners can use in small spaces as well as the county's resources for garden compost.

Come join us, and see what possibilities 2020 can bring!

Changing the World, One Garden at a Time!

 THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL
AND ENVIRONMENTAL SCIENCES

OSU Extension Morrow County
The OSU Extension Office
Morrow County, Ohio 43068
419-946-6400



4-H NEWS



Five Rivers Gilcrest Cattle Feeding yard in LaSalle, CO.

Left to Right: Bryce Schott of Fredericktown; Taylor Rush of Cardington; Kayla Carlyle of Cardington; Mackenzie Grundstaf of Mt. Gilead; Cassidy Small of Fredericktown; Ellie Kidwell of Walhonding; Amanda Forquer of Mt. Gilead, 4-H Educator; Colton Boyer of Lucas; Ethan Staley of Fredericktown; and Adam Staley of Fredericktown, 4-H Livestock Judging Coach.

Eight Ohio Teens Explore Careers in Denver

By Amanda Forquer, 4-H Educator

Eight teens from Knox, Morrow, and Richland Counties traveled to Denver, CO during January 8 to 12, 2020. They explored 12 businesses while on a career exploration trip that was coordinated by OSU Extension - Morrow County.

This trip was a chance to take youth out of their comfort zone to experience a new city, people, ideas, and open their eyes to career opportunities they may not have thought of before. Many of the places visited were similar to businesses in Ohio, but run a bit differently in Colorado or on a much larger scale.

Taylor Rush stated, "More goes into running it (the National Cattlemen's Beef Association - NCBA) than you think. They monitor the media constantly, try recipes in the culinary kitchen, advocate for the farmers and ranchers, and so much more. The best part was they talked to us like people who were going to achieve something someday." The NCBA was one of the youth's favorite stops.

The group toured Cactus Hill Ranch, which currently houses 50,000 head of lamb, but has the capacity to house 150,000. Will Nelson, one of the owners, educated the youth about feeding and watering so many lambs, manure management, making a profit, and more. They also had the opportunity to tour Superior Foods, Inc.

where many of Cactus Hill's lambs are processed. This enabled the youth to see where the lambs were fed and then to see the finished product processed into retail cuts and packaged.

Visiting Five Rivers Cattle was impactful to the youth because they experienced the management of a feed yard having 50,000 head of cattle. Colton Boyer said, "They fed efficiently, and they figured out how to feed on such a large scale and still make money."

Some of the other locations they visited were Colorado State University, Great Range Bison, Sombbrero Horse Stables, National Western Stock Show, Where Food Comes From, Celestial Seasonings, and others.

The youth gained insight into a vast array of career paths. Some of them had their eyes opened to new interests and others increased their knowledge of what they were already planning to pursue.

Four of the youth also participated in the National Western Round-up livestock judging contest (Colton Boyer, Ellie Kidwell, Cassidy Small, and Ethan Staley).

A special thank you to the sponsors of the trip - Ohio 4-H Youth Development, Knox County Cattlemen's, and the Mildred and Harold Hart Endowment.

Fishing Education and Derby to be held May 16

You are cordially invited to the Oakland Park Conservation Club's Annual Big Brothers/Big Sisters & 4-H Fishing Education and Derby on May 16, 2020 from 9 a.m. to 3:30 p.m. at the OPCC Grounds, 768 Bennington Twp. Rd. 26, Marengo, OH 43334.

All youth will receive a fishing pole courtesy of the Ohio Division of Wildlife. This event is FREE to youth and mentors.

Classes:

FISHING 101: Learn about fishing, types of fish, rules and regulations

HOOK-LINE-SINKER: Learn how to rig a pole

CASTING: Learn how to cast. Lunch will be provided.

There will be a Fishing Derby with prizes awarded.

This event is proudly sponsored by the Ohio Department of Natural Resources. Call 740-272-3996 to RSVP.

For more information about Oakland Park Conservation Club, visit their website at www.oaklandparkconservation.org.

4-H General Information

A Reminder of 4-H Membership Eligibility

Just a reminder and clarification on membership eligibility for 4-H members.

- Youth may join the cloverleaf program (Non Competitive) when they are in kindergarten and five years old as of January 1, 2020.

- Youth may begin taking 4-H projects when they are 8 years old and in the 3rd grade. OR

Any youth age 9 or above is eligible for projects, regardless of grade level as of January 1, 2020.

The last year of 4-H eligibility is the year in which a youth turns 19 years old (example: if you turned 19 years old on July 12, 2019 your last year in 4-H was in 2019).

Thinking of Starting A 4-H Club or Just Volunteering?

There is still time!

Contact Becky Barker for more information.

barker.157@osu.edu or 419-947-1070

4-H Photo Opportunity

You can be part of Manna Pro's 4-H photo mosaic and help Ohio 4-H win! Enter up to five of your favorite 4-H photos at mannapro.com/

4h, receive coupons up to \$50 off Manna Pro products and boost Ohio's chances of winning \$6000 for 4-H programs.

Constructing Your Woodworking Project

Who: Any youth of Morrow & Marion Counties taking the Measuring Up or Making the Cut 4-H woodworking projects.

What: Youth will build one of the required projects in the book. All necessary supplies and tools will be provided.

When: Saturday, May 9, 2020, 9 am-2:30 pm

Where: Tri-Rivers Career Center, Marion

Cost: \$30

Registration: due April 29th

For more information or to register, go to go.osu.edu/stemworkshops

OHIO STATE UNIVERSITY EXTENSION

Career Exploration Workshop

Construction and Automotive Trade Careers

CFAES

Take the guess work out of whether you want to work in a construction trade or automotive technology trade career! Youth spend the day doing skills used in these trade fields to see if they like them.

During this hands-on workshop, youth complete the tasks listed below (activities are subject to change).

Automotive Technology
 Automotive Safety Inspections
 Lube, Oil and Filter Changes
 Tire Dismount, Mount, Balance and Rotation
 Basic Electrical Circuit Diagnostics and Repair
 Automotive Scan Tool Operation

Construction Trades Academy
 Basic Construction - Build a small project to take home!
 CNC Router Usage
 Heavy Equipment Demonstration - Operation & Safety
 Small Tool Safety
 Wall Framing (parts of a wall and how to construct it)

For more information and to register, go to:
www.go.osu.edu/careerexploration

Who - Youth in grades 5-12
When - April 18, 2020
 9:00 A.M. - 3:00 P.M.

Where - Tri-Rivers Career Center, Marion
Cost - \$15 Morrow & Marion County Residents
 \$35 Non-Morrow or Marion County Residents

Registration Due - April 8, 2020
Questions? Contact Amanda Forquer
forquer.13@osu.edu, 419.947.1070

Comments from past participants:
 "Best day of my life!"
 "It was a fun day and I learned a lot."



Each youth goes home with a toolset to continue their learning!

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 AND ENVIRONMENTAL SCIENCES



4-H NEWS



4-H General Information

Celebrate Ohio 4-H Week

As clubs get started for the 2020 4-H Year, consider doing something to celebrate "Ohio 4-H Week" held March 8th - 14th. How about having your club's kick off meeting during this week? A display in a business highlighting your

members and their projects? A promotional display to join 4-H? Donating items/dollars to a worthy cause or organization? Send an article to the newspaper? The ideas are endless!!!

Morrow County 4-H Camp Dates!

Mark your calendar for another fun 5 days of camping! 2020 Camp dates are July 9-13th.

From the Junior Fair Office

News from Shelby & Lisa

Spring is on its way, 4-H club meetings have started, and the Jr. Fair Board is making plans for the 2020 Morrow County Fair. We have welcomed 16 new members onto the board and have elected our new officers: President - Tyler Brown, Vice President - Leslie Brubaker, Secretary - Tess Ruchmund, Treasurer - Kayla Carlyle, Assistant Secretary/Treasurer - Mackenzie Grandstaff, Historian - Joey Linnabary, Parliamentary Officer - Myles Jordan.

The first exciting thing the new board members get to do is attend the Ohio Fair Managers Convention and learn about all the fun ideas and resources that can make our fair better. We then got down to business, and at the top of the list of things to do was having the Board decide what the theme of this year's fair is going to be.

The theme for the 2020 Morrow County Fair is "An Old Fashion County Fair." I know we will have some creative booths this year!

Please be sure to look at the family handbook you should receive from your club advisor and pay attention to animal possession dates.

Revisions for 2020

- Rate of Gain has been removed for Market Goats and Market Lambs. This means NO June weigh in for these animals. Instead exhibitor will be required to turn in ID forms for animals that wish to come to fair. Identification forms are due by the first Saturday in June. These forms can be found on the Morrow County Extension website, at the Extension Office and at the Jr. Fair Office.
- The weight for a pair of broilers is now 10lbs - 16lbs

- Voting for Jr. Fair Royalty will now take place during miscellaneous, food and clothing judging and during skillathon.

- Ractopamine is being banned for all species across the fairgrounds.

- We have new BBR Forms that can be picked up at the Extension office or the Jr. Fair Office.

- We have new animal identification form. These can be found on the extension website, picked up at the Extension Office or the Jr. Fair Office. (Market Goat, Market Lambs, Breeding Hogs and Market Hogs)

Quality Assurance

Remember that every exhibitor taking an animal project to the 2020 Morrow County Fair must attend a quality assurance session.

Dates for large group sessions are April 28th, May 6th and May 18th.

Project Spotlight

****NEW** 4-H Around the Globe:** Are you curious about other countries? This intermediate-level project takes a look at 4-H through an international lens, with close-ups of Ghana, Kosovo, Nicaragua, and South Korea. Key factors make each country's 4-H program different, and dedication to 4-H makes us all the same.

All About Dogs: Ever wonder how prehistoric dogs met prehistoric humans? Want to know how dogs think and the meaning behind their body language? Curious about what keeps dogs happy and healthy? Discover these answers and the valuable roles these furry companions play in our lives. For beginner-level members who may or may not have a dog. Not for members enrolled in a dog project.

It's My Home: You can be a big contributor to your household in so many ways. Why not do so AND keep your own sense of style? This project covers basic design elements, organization, upcycling, and service learning. All the activities can be done with your excellent decision making, good taste, and big heart.

Did you know?

The Sr. Fair is now offering Dog classes in Open Fair. This is available for those who are 19 and over and is a dog obedience show. This does not require the dog to be a purebred, only that they have all the appropriate vaccinations. The rules for the classes can be found in the Sr. Fair Book. The show takes place along with the Jr. Fair Dog Show on Thursday of the fair at 2:00pm at the small stage pavilion. This is a great way for more people to get involved in the fair!

Shelby Perkins, Jr. Fair Coordinator, 419-560-7046

Lisa Duckworth, Assistant Jr. Fair Coordinator, 419-560-7101

Office phone: 419-947-1567

Email: Morrowcountyjrfair@gmail.com

Don't Forget The County Projects When Enrolling!

Don't forget to consider the county projects not listed in the State 4-H Family Guide. Morrow County created these projects from members' advisors' parents suggestions and needs. They all

have project books and are free to members.

1002 - Pies

1005 - Candy

1007 - Cookies

Ohio Youth Institute!

High school age youth are invited to part of the Ohio Youth Institute, hosted by OSU's College of Food, Agricultural, and Environmental Sciences. Participants research and write a short paper on a global challenge facing a country, then come to the Nationwide & Ohio Farm Bureau 4-H Center on April 20. Students from throughout

Ohio meet with OSU experts, speakers and participate in hands-on experiences focused on global food concerns. OYI Scholars may be eligible for USDA summer internships and international opportunities. Visit the OYI website for details at https://www.worldfoodprize.org/en/youth_programs/global_youth_institute/ohio/.

Congratulations - New 4-H Reps Selected To 2020 Junior Fair Board

Congratulations to the following individuals named to the 2020 Morrow County Junior Fair Board:

Christina Beheler, Collin Bowman, Syntyche

Black, Joleigh Burson, MacKenzie Grandstaff, Alana Parsons, Marcella Rollins, Madison Searls, Alexis Shaw, Briana Zeger

Animal Project Born By/Hatch Dates

A complete list of requirements in your 4-H Family Handbook or found on the <http://morrow.osu.edu> website.

Listed are our fair requirements for some of the animals born/hatched early in 2020.

- Market Feeder Calves - Born January 1 to

April 1

- Market Hogs - Farrowed/Born after February 1st (ideally born mid February - mid March)

- Market Goats - Born after January 1

- Market Lambs - Under 1 year of age by fair

- Breeding Poultry - Under 1 year of age by fair

Meeting for the 2020 Ohio State Fair Rabbit & Avian Quiz Bowl Contest

Calling all 4-H rabbit and poultry exhibitors! The dates have been announced for the 2020 Avian and Rabbit Bowl. The Avian Bowl will be held on Saturday, July 11th and Rabbit Bowl will be on Saturday, July 18th. Both competitions will be at the Nationwide & Ohio Farm Bureau 4-H Center. Rachel Keckler and Cassidy Neviska will serve as co advisors with Russ Mayer.

What are the Avian and Rabbit Bowls? The primary purpose of the contests is to provide an opportunity for 4-H members to demonstrate their knowledge of respective animal-related subject matter. This competition is open to ANY 4-H'er interested in learning more about the species. Senior contestants must be at least 14

years of age on 1/1/2020 and not older than 18 years as of 01/01/2020. Junior contestants must be at least 8 years old and in the 3rd grade, or 9 years old regardless of grade, and younger than 14 years of age as of 1/1/2020.

Morrow County has had a great time participating and winning in this competition in the last several years. Those interested can contact the extension office or Russ Mayer, 419-560-3689. Our kickoff meeting is scheduled for Wednesday, March 25th at the Extension office at 6-7:30 pm.

Awards will be presented at the Ohio State Fair: Rabbits on Friday, August 7th & Poultry will be the day of the event.

Swine Project Information

Morrow County Pork Producers 2020 Pork Ambassador Application Due

This ambassador replaces the past queen and princess. Male and female applicants of 4-H project age eligible. Applications for the Amba-

sador due April 3rd. Applications available on <http://morrow.osu.edu> website or by request.



4-H NEWS



4-H General Information

Project Enrollment for 4-H and FFA Members and Showing Animals at the Ohio State Fair

4-H members must be enrolled in their county in the project in which they enter to show at the Ohio State Fair Junior Livestock Shows (including poultry, rabbits, and dogs), regardless of whether that project is offered for county exhibition.

(1) For example: To show in a gilt class at the Ohio State Fair, youth must be enrolled in project 140 Swine Breeding Project and Record Book.

(2) For example: To show a dairy feeder at the Ohio State Fair, youth must be enrolled in project 117DF Dairy Beef Feeder (Market);

(3) For example: To show breeding poultry (chickens) at the Ohio State Fair, 4-H members must be enrolled in project 150CE, Exhibition Chickens; to show breeding poultry (ducks), they must be enrolled in project 150DE, Exhibition Ducks, and so forth.

(4) For example: To show a dog in agility at the Ohio State Fair, 4-H members must be enrolled in project 201P, Performance; to show the same dog in obedience, project 201O, Obedience, etc.

FFA members must enter to show at the Ohio State Fair the same animal project they are taking through their Supervised Agricultural Experience (SAE).

(1) For example: To show a market lamb at the Ohio State Fair, FFA members must be taking market lambs as one of their Supervised Agricultural Experiences.

For example: (2) To show a beef breeding

heifer at the Ohio State Fair, FFA members must be taking breeding beef as one of their Supervised Agricultural Experiences.

Note: The same animal cannot be enrolled in two projects in the county (exception dog projects and 4-H PetPALS), with the youth planning to enter one or the other project at the Ohio State Fair. Decisions must be made by project enrollment deadline or county's animal identification deadline (whichever comes first).

(1) For example: A youth is not permitted to enroll the same beef animal in a breeding project (117B Beef Breeding) AND in a market project (117M Market Beef).

(2) For example: A youth is not permitted to enroll the same rabbit in a pet rabbit project (Pet Rabbit Project and Record Book 227) AND in a breeding rabbit project (Breeding Rabbit Project and Record Book 225). She/he must choose which project in which to enroll that animal by county deadlines for that species.

(3) Exception dog projects: For example: Youth may enroll the same dog in multiple dog projects such as in You and Your Dog (201D); Obedience (201O); Performance (201P) and Showmanship (201S) provided that dog can perform the required exercises of each project at the Ohio State Fair.

(4) Exception: 4-H PetPALS: Youth may enroll in a pet rabbit project (225) and 4-H PetPALS (230), or 150CE Exhibition Chickens and 230 4-H PetPALS, etc. with the same animal.

2020 Quality Assurance (QA) Rules, Test Out, and Sessions

Morrow County Rules: All youth project members taking livestock (market and breeding) and horses are required to attend a quality assurance session annually or test out when eligible. **Quality Assurance must be completed by July 17 in order to show at the Morrow County Fair, State Fair "deadline" will depend on the specie shown.**

Parents/Guardians are required to attend the first 2 years of a project member's required QA sessions.

**Test out opportunities are only for youth in their 3rd year or beyond and 12 years old and older as of January 1, 2020. Test out age groups 12 to 14 and 15 and older. Youth who pass the test at age 15 or older will not need to test nor attend a quality assurance again.

Test Out Opportunities:

- County - Monday, April 1st, Ag Credit Building, 5362 US Highway 42, 2nd Floor Conference Room, 4:30 - 6:00 pm
- Cardington H.S. - Thursday, April 2nd, sign up through teacher, Angie Bush
- MI. Gilead H.S./M.S. - April 3 - listen for announcements, Matt Gompf, teacher
- New On-line: Youth for the Quality Care of Animals (YQCA) <http://yqca.org/> (see article below)

below)

Morrow County Quality Assurance Sessions:

- March 11th, Beef QA, Ag Credit Building, 6:00 - 7:30 pm, RSVP- 419-947-1070
- April 2nd, Livestock QA General, for 8-10-year-old youth only and parents!! Ag Credit Building, 6:15 pm - 7:30 pm, RSVP Required, **Only 40 seats** 419-947-1070
- April 28th, Livestock QA General, Fair Grounds, 6:15 pm
- May 6th, Livestock QA General, Fair Grounds, 6:15 pm
- May 18th, Livestock QA General, Fair Grounds, 6:15 pm
- May 27th, Horse Projects Only QA/Safety Clinic, Fair Grounds, 6:15 pm

Quality Assurance Opportunities - There are several state QA opportunities, such as Beef Expo (March 20, no registration), OSU Junior Swine Day (March 28th, registration required), and the Youth Poultry Clinic (April 18th, registration required) and Dairy Palooza (April 25th registration required)

Horse project members may attend any session but are encouraged to attend both.

NEW Quality Assurance Opportunity for Morrow County In 2020

Youth for the Quality Care of Animals (YQCA) <http://yqca.org/>

The Ohio State University's College of Food, Agricultural and Environmental Sciences (CFAES) OSU Extension 4-H Youth Development program, in partnership with the Ohio Department of Agriculture (ODA) and Youth for the Quality Care of Animals (YQCA), has endorsed the following option for youth who are officially enrolled in a 4-H and/or FFA livestock/food animal project.

Youth who intend to show their project animal(s) at exhibition (e.g., county or state fair) have the option to complete an on-line YQCA session. For the training to meet the Ohio Youth Food Animal QA requirement for the project year:

• Youth **MUST** be 12 years or older as of January 1st of the current year (4-H age) AND in their third year of participating in Quality Assurance.

• The on-line module completed **MUST** be for the correct 4-H age for the youth.

• The on-line session must be completed at least 45 days prior to the start of exhibition. July 17th for Morrow County.

Youth can go to the following website to take the age-appropriate on-line module for \$12: <https://yqca.learnrow.io/Account/Login>

- Youth will need their 4HOnline login and password or they can create their own login and password. Youth **MUST** register using 4HOnline for their results to automatically show up in 4HOnline.

Dogs Project Possession by April 1st

If members are taking or planning on taking any of the 4-H Dog Projects, the member is required to have physical possession by April 1.

Also be sure to check with and receive from the Extension Office a veterinarian form to keep your dog up to date on shot requirements.

Morrow County Junior Leaders Club

We are looking for a few (actually many) Junior Leaders. Come join us on the last Monday of every month from 7:00-8:00 p.m. at the Extension Office.

Help with county activities, learn team building, and have a good time! Mark us on your calendar!

2020 Youth Conversationist Program

Youth ages 9 to 18 years old are encouraged to apply for the 2020 Youth Conversationist Program, sponsored by the Maryland Sheep and Wool Festival. The winning applicant will receive a heritage breed ewe. The applicant should indicate if they wish to be considered for a specific breed or for any of the breeds available.

Applications should be postmarked by April 1, 2020 and should include an essay which introduces you, your experience with animals, where the animal will reside and if different from your own home, why and what your responsibilities will be, your interest in sheep and answer the question, "Why I would like to help preserve a heritage breed of sheep." Each applicant must include a letter of recommendation from their 4-H advisor, FFA advisor, veterinarian, teacher or clergy. The total application/essay should be no more than two pages in length and should include applicant's address, phone and email address.

Applications and essays should be sent to Elaine Ashcraft, 46118 CR 58, Cochocton, OH 43812, phone 740-622-1573, email tankewe_cr58@yahoo.com (please note the underscore between tankewe and cr58!). ALL ESSAYS **MUST BE MAILED.** EMAILS

ESSAYS WILL NOT BE ACCEPTED.

Requirements if selected:

• Must be present to receive the ewe at the Maryland Sheep and Wool Festival on Sunday, May 3, 2020.

• Must exhibit the ewe at least twice in 2020 at 1) a county fair or local sheep show and 2) the State Fair in the state where the recipient lives.

• Must breed the ewe to a registered ram (of her breed) in the fall or 2020 (you should consult the donor breeder for their recommendations).

• Must either use the ewe's fleece to personally make a wool item or sell the fleece to a spinner, felter or weaver.

• Must submit an article the following Feb/March (2021) to their local newspaper covering their year and including information concerning the next year's YCP.

• Must submit a one to two page report, with pictures, to the donor breeder by April 30, 2021 and provide a scrapbook to be used at the Maryland Festival and given back to the youth.

Contact Elaine Ashcraft with any questions. Donors choose the recipients from the essays submitted by the youth.



4-H NEWS



Swine Project Information

Swine Project Member Needed (4-H and/or FFA)

The Morrow County Fair Board, Morrow County Livestock Sale Committee, and the Morrow County Pork Producers each year provide a Morrow County 4-H or FFA member the opportunity to raise, display, and sell a market hog for the purpose of giving back all Jr. Fair Livestock Auction proceeds to the Morrow County Jr. Fair Building Fund. A great community service project for any member!

Guidelines:

1. Youth must be an active project member in 4-H or FFA of current year.

2. Youth must take Market Hog Project 139 as a 4-H member or Market Hog project through FFA.

3. Youth must be primary care giver providing day to day care and feeding of the Jr. Fair Building Fund pig from possession to final sale at the Jr. Fair Livestock Sale.

4. Ideally Morrow County Jr. Fair Market hogs should weigh between 220 pounds and 280 pounds by fair weigh-in.

5. Youth is responsible for transportation and care to June Market Swine Tag-In and to the Morrow County Fair.

6. Youth is responsible for entering the Market Hog on their Jr. Fair Entry Form. Youth selected to raise the Jr. Fair Building Fund Pig may take a maximum of 3 market swine to the Morrow County Jr. Fair, with one being the Jr. Fair Building Fund Pig and the other two their Market Hog projects.

7. The Jr. Fair Building Fund Pig will not be shown for placing nor any other awards related to muscling, confirmation, or carcass quality.

8. Youth must be willing and available for any media events etc.

9. The Morrow County Pork Producers will award the youth selected a donated market feeder pig to be raised as the Jr. Fair Building Fund Pig.

10. The Morrow County Pork Producers will donate towards purchasing feed for Jr. Fair Building Fund Pig. Receipts must be provided for reimbursement.

11. Youth must immediately contact the OSU Extension, 4-H Educator and Morrow County Pork Producer President if any problems, issues, or questions arise.

12. The Morrow County Pork Producers, Morrow County Sr. Fair Board and OSU Extension Morrow County will help the youth succeed in making sure a Jr. Fair Building Fund Pig is sold in the livestock sale for the purposes of the Morrow County Jr. Fair Building Fund.

To enter the youth must submit an essay on the topic "Why I want to raise the Morrow County Jr. Fair Building Fund Pig". The essay must describe the facility that youth will use to raise the pig, their ability to raise a market hog, and experiences. Please include pictures of the facilities.

Entries are due April 3rd at 4:30 p.m. to the OSU Extension Office, 5362 US Highway 42 Ste. 101 Mt. Gilead, Ohio 43338.

Morrow County Pork Producers 2020 Scholarships Available

The Morrow County Pork Producers will be sponsoring \$500 scholarships to qualified candidates. Scholarship preference will be given to students who are actively involved in the pork industry. Students may be majoring in any field of study, which leads to a post-high school degree. The Morrow County Pork Producers reserve the right to reject applicants if not deemed qualified.

Eligibility:

1. Student must be entered or entering into an ac-

credited, post-high school academic degree program.

2. Applicants must be a resident of Morrow County or graduating from a Morrow County School District.

3. An individual may only receive the scholarship once.

Application Procedure:

Application deadline is April 3, 2020

Application can be found on the morrow.osu.edu website or through the Extension Office.

Cloverbud Information

Ohio 4-H Cloverbot Challenge!!

It's time to register for the 2020 Ohio 4-H Cloverbot Challenge and this year Cloverbuds will be On the Move! Teams will explore transportation and how people and goods get where they are going. The challenge happens on June 13 at the Nationwide & Ohio Farm Bureau Cen-

ter. Find registration details and information about ordering kits at <https://ohio4h.org/families/cloverbuds/cloverbot-challenge>.

Thanks to the Ohio 4-H Foundation for their support of this program.

Cloverbud Fun Day

Coming July 18, 2020! More information coming soon at: morrow.osu.edu

Morrow County Scarlet & Gray News

EXHIBITING A RACTOPAMINE-FREE SWINE PROJECT

RACTOPAMINE-FREE SWINE PRODUCTION IS NOW A MARKET SPECIFICATION/REQUIREMENT THROUGHOUT MUCH OF THE U.S. PORK PACKING INDUSTRY. BECAUSE SHOW PIGS HAVE THE POTENTIAL TO ENTER INTERNATIONAL PORK MARKETS, THEY MUST BE RACTOPAMINE-FREE.

EXPECT YOUR FAIR TO SECURE A SIGNED AFFIDAVIT FROM A PARENT OR LEGAL GUARDIAN STATING THAT THE PIGS EXHIBITED BY THEIR SHOWMAN HAVE NEVER BEEN OFFERED RACTOPAMINE.



WHAT IS RACTOPAMINE?

A beta-adrenergic agonist that when fed according to label directions can improve pig growth rate, carcass composition, and feed conversion efficiency. Product trade names include: Paylean®, Optaflexx®, Engain®, Actogain®, and other generic derivatives.



WHAT DOES RACTOPAMINE-FREE MEAN?

The pig has never been fed or exposed to ractopamine sources from the time of birth to the time of harvest.



AREAS OF FOCUS TO ENSURE YOUR PROJECT IS RACTOPAMINE-FREE

1. YOUR PIG

Understand the status of any pig(s) you purchase or raise on your own farm and comply by not feeding or exposing your pigs to ractopamine.

2. YOUR FEED SUPPLY

Work directly with your feed supplier to assure that the feed you use is free of ractopamine.

3. YOUR FEEDERS

Feeders and containers should be thoroughly disinfected and dried prior to adding new feed. This will prevent cross-contamination.

4. YOUR BARN

Pens, bedding, fans, etc. should be thoroughly disinfected as they have a risk of containing ractopamine if you have fed it in the past.

5. YOUR TRAILER

Do a complete disinfection and drying of trailers and vehicles between loads of pigs.

6. EXHIBITION

Don't offer ractopamine if the rules indicate it is not acceptable for the fair or exhibition.

This message is brought to you by:



Morrow County Fair Ractopamine Free!

Recently, ractopamine-free swine production became a market specification through much of the U.S. pork packing industry. Although ractopamine (sold under the trade names Paylean® or Engain® for swine) is an approved product used to increase lean growth rate, it has been banned in many international pork markets. In short, ractopamine-free means that a pig has never been fed or exposed to ractopamine – from the time of birth to the time of market.

Because ractopamine has been banned in international markets, swine exhibited at the 2020 Ohio State Fair and Morrow County Fair are required to be ractopamine-free. To ensure that exhibitors follow this protocol, the Ohio State Fair

and the Morrow County Fair will secure a signed affidavit from a parent or legal guardian which states that the pigs exhibited by their showman have never been offered ractopamine.

Morrow County will be providing more information and forms to be utilized for the county level at a later date, but at this time please be aware that swine are to be ractopamine free from birth to market.

See fact sheet in this newsletter and more information at the following website. If you will be buying swine there is a producer affidavit at this website you can utilize for your records. <https://ohiopork.org/ractopamine-free/>.



FAMILY & CONSUMER SCIENCES



Come join us for WALK WITH A DOC in Morrow County!

As you can see from the pictures our group of participants for **Walk with a Doc** in Morrow County is growing. Participants report they are attending for various reasons such as needing a flat surface to safely walk on, recent knee replacement, doctor encouraged them to move more, and wanting to exercise for overall health.

So, come walk with us **INDOORS**:

Location: Mount Gilead Cherry Street Administration Building

Time: NOON (12 PM – 1 PM)

When: Third Wednesday of every month.



• You walk, chat with others, and get some of your questions answered by doctors and specialists

• All ages and abilities are welcome
• No need to register – just show up to the walking location

Checkout our upcoming doctors and presenters who will speak for 10 minutes then walk with participants and answer questions.

• March 18, 2020 Dr. McClelland, Chiropractor

• April 15, 2020 Dr. Amweg, Optometrist

• May 20, 2020 Morrow County Health Department, Reproductive Health

WALK WITH A DOC Morrow County PARTNERS:

- Morrow County Hospital OhioHealth
- Morrow County Community Center
- Mount Gilead School District
- Morrow Family Health Center
- Morrow County Health District
- Ohio State University Extension – Morrow County

For more information, contact Candace Heer at heer.7@osu.edu or 419-947-1070



Chow line: Alternatives to sugar

I want to lower my sugar intake, so I'm looking for a sugar substitute for my coffee. What are the different types of sweeteners?

First, I want to congratulate you on your decision to lower your sugar intake. Lowering your sugar intake is a wise and healthy choice, as research shows that consuming too much sugar can increase your risk for chronic diseases such as diabetes, some cancers, and heart disease.

If you want to lower your sugar intake from your coffee to zero, you could choose to drink it black.

But, if you'd rather not do that, you aren't alone. Some two-thirds of coffee drinkers and one-third of tea drinkers add milk, cream, sugar, flavorings, or other additives to their drink, according to a study from the University of Illinois. Interestingly, the study found that more than 60% of the calories in those coffee drinkers' beverages

came from added sugar.

That's not surprising, considering that it's part of human nature to crave the sweet taste of sugar, writes Jenny Lobb, an educator in family and consumer sciences for Ohio State University Extension.

But, "the World Health Organization recommends consuming no more than 10% of your daily calories from added sugar," Lobb wrote in *All Things Sweet: Sugar and Other Sweeteners*, an OhioLine fact sheet. "For someone who eats 2,000 calories a day, 10% of daily calories would be 200 calories, or 50 grams of added sugar a day."

OhioLine is OSU Extension's free online information resource and can be found at ohioline.osu.edu. OSU Extension is the outreach arm of The Ohio State University College of Food, Agricultural, and Environmental Sciences.

With that in mind, it's important to understand what sweeteners are.

"Sweeteners are classified in two different groups: nutritive sweeteners, also called caloric sweeteners or sugars, and non-nutritive sweeteners, which are also called sugar substitutes or artificial sweeteners," Lobb said.

Nutritive sweeteners include agave, brown sugar, powdered (confectioners') sugar, corn syrup, dextrose, fructose, fruit juice concentrate, glucose, high-fructose corn syrup, honey, invert sugar, lactose, malt sugar, mallose, maple syrup, molasses, nectars, raw sugar, and syrup, she wrote.

Non-nutritive sweeteners are sugar substitutes that can be either naturally occurring or artificially made. Naturally occurring sugar substitutes include stevia and sugar alcohols, which include, among others, erythritol, used as a bulk sweetener in low-calorie foods, and sorbitol, used in some sugar-free candies, gums, frozen desserts, and baked goods, Lobb wrote.

"Artificial sweeteners are man-made sweeteners that contain no calories or sugar," she wrote. "Currently, there are six different artificial sweeteners that the U.S. Food and Drug Administration (FDA) has thoroughly tested and approved for use."

- Those, Lobb said, include:
- acesulfame-K, sold under the brand names of Sunett, Sweet One, and others
 - advantame
 - aspartame, sold under the brand names of Equal and Nutrasweet
 - neotame
 - saccharin, sold under the brand names of Sweet'N Low, Necta Sweet, and others
 - sucralose, sold under the brand name of Splenda

Chow Line is a service of The Ohio State University College of Food, Agricultural, and Environmental Sciences and its outreach and research arms, Ohio State University Extension and the Ohio Agricultural Research and Development Center. Send questions to Chow Line, c/o Tracy Turner, 364 W. Lane Ave., Suite B120, Columbus, OH 43201, or turner.490@osu.edu.



Morrow County Scarlet & Gray News



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OSU Extension-Morrow County

Food Preservation Program Make and Take Uncooked Jams

Date/Time: April 14 at 1:00 p.m.

Location: Perry Cook Memorial Public Library, 7406 CR 242, Mt. Gilead, OH 43338

Cost: FREE! (limited to 10 participants)
Register at Perry Cook Memorial Public Library or by calling 419-362-7181

For more information contact Candace Heer at heer.7@osu.edu or 419-947-1070





FAMILY & CONSUMER SCIENCES



The Occasional Quantity Cook Class

Tasty, nutritious, attractive meals safely prepared and served don't just happen. Much thinking and planning go into such a project to make it a success.

The Occasional Quantity Cook enhances understanding of major food safety principles, including time and temperature abuse, cross-contamination, and personal hygiene. Learn about special considerations (food allergies) and event management.

This program is beneficial to individuals and groups who are responsible for food preparation and/or service at events including BBQs,

potlucks, community dinners, graduations, and food stands.

Program: The Occasional Quantity Cook
Date: Tuesday, April 28, 2020

Location: Ag Credit Building, Second Floor Conference Room, 5362 US Highway 42, Mt. Gilead, OH

Time: 6:00 p.m. – 8:15 p.m.

Cost: FREE – provided by your Levy funds

Register: OSUE-Morrow County office at 419-947-1070 by April 24, 2020

Contact Candace Heer at 419-947-1070 or heer.7@osu.edu for information.



Beware of the Skimmer!

By Donna Green, Family and Consumer Sciences Educator, Ohio State University Extension, Erie County

Do you know what a skimmer is? It is a small electronic device that can be used to steal credit or debit card information from you. Getting skimmed is most likely going to happen at bars and restaurants (where a server takes your card and walks away with it for a short period of time), or gas stations and ATM's (where thieves can install a "faux" skimmer over the original). Once the information is skimmed, it is usually sold to a contact or over the internet. Counterfeit cards can then be made and used to purchase items out of your account.

Tips for Bars and Restaurants

Do not let your card out of your sight. If the server brings one of those folders to you when it is time to settle the bill, tell them that you prefer to take the card to the cash register yourself for payment. Don't let the server (or your guests) guilt you into feeling "paranoid" or "overprotective" for watching out for your personal information. It only takes a couple of seconds to swipe your card, but becoming the victim of identity theft may cripple you financially for years. Better to be safe than sorry.

Tips for Gas Stations and ATM's

Thieves are able to mount "faux" devices over the card slot of an ATM or other outdoor card reader (such as a gas station pump), because there are more opportunities to make the switch than in a physical store where the cash register is secured and monitored. Thieves may also re-

sort to placing tiny devices on credit card slots and pin pads to capture your account information.

You swipe your card, your personal information is unknowingly stolen, and it may be days or weeks before you realize your account has been breached. If you are getting cash from an ATM or purchasing a product where you have to scan your card in an unprotected area (like a gas station pump), check the card slot to ascertain that it is secure. Sometimes the illegal slot will wiggle or pull off in your hand, since it is placed over the original.

Ways to Protect Yourself

- 1—Use your free hand to cover your dominant hand when you are entering your pin. If a surveillance device is installed, it won't be able to record your secret code.
- 2—Change the pin on your credit and debit card at least twice a year.
- 3—If you are getting close to the expiration date on your card, ask for a replacement card with a new number.
- 4—Monitor your credit card receipts, balances, and bank accounts on a regular basis. Go online and check your balances often, which will help you find any discrepancies in short order. If you share an account with a spouse (or another person is allowed to use your card), check to make sure that all purchases were made by someone you've approved.
- 5—Use a credit card rather than a debit card. If thieves get your number, they are stealing from a company, not your personal account.

Boredom is Not a 4-Letter Word

By Jenny Lobh, Family and Consumer Sciences Educator, Ohio State University Extension Franklin County

When I was a child, I was conditioned to never utter the words "I'm bored". My mom would threaten to assign me chores whenever she heard those words escape my lips!

I don't blame my mom for encouraging me to keep busy, find things to do and avoid boredom in my childhood. I recognize that as a parent, hearing the words "I'm bored" may evoke annoyance and even feelings of guilt. In today's culture of intensive parenting, the experience of boredom implies a parent's failure to adequately entertain their child(ren). Our culture tells parents today to do whatever they can to enrich their children's lives with extracurricular activities, in order to set them up for future success in life.

This style of parenting comes at a cost. According to a New York Times article on modern parenting, parents today spend nearly five hours a week on activities such as reading to children, doing crafts, taking children to lessons, attending recitals and games, and helping with homework. This is an increase from 1 hour 45 minutes spent each week on these activities in 1975, yet parents today still worry that they're not doing enough. Additionally, parents today are more likely to:

- Include their children in their own personal leisure time activities such as exercising and socializing

- Sacrifice housework and sleep in order to spend more time with their children



- Have fewer children so they can invest more time and money in the children they already have

While experts agree that investing in children is beneficial, there is also concern among psychologists and other health professionals about children's high levels of dependence on their parents. For this reason, developing independence and resilience through unsupervised play – which may at times involve boredom – may not be such a bad thing.

In an opinion piece on boredom that ran in the New York Times earlier this year, author Pamela Paul states "Life isn't meant to be an endless parade of amusements... The sooner you learn how to make it interesting, the better off you'll be." School and work are bound to be boring at times, but they are necessary for life. Paul points out that the ability to handle boredom is associated with one's ability to self-regulate and focus. Plus, boredom is also associated with creativity and resourcefulness!

Paul and other experts suggest that we begin to view boredom not as a problem to be solved, but as an opportunity. As parents, we need to stop feeling guilty when we hear our children complain about boredom. Instead, we should respond by providing them with space and time to let their imaginations wander, as well as space, time and materials to try out some of their ideas. Not only will this practice encourage children to think independently, it will provide us with more margin and free time as we let go of the expectation that our children be entertained by us all day, every day.



OSU EXTENSION CALENDAR OF EVENTS

FEBRUARY 2020

- 26 Improve Beef Herd Genetics & Carcass Quality With AI, 6:30 p.m., Ag Credit Building Conference Room
27 2019 eFields Regional Meetings (Central Region), 9 a.m., Ag Credit Building Conference Room

MARCH 2020

- 2 Dairy Board Meeting, 12 noon, Ag Credit Building Conference Room
2 Jr. Fairboard, Fairgrounds, 7 p.m.
4 Cattlemen's Meeting, 6:30 p.m., Ag Credit Building Conference Room
5 Seed Starting Class, Johnsville Perry Cook Memorial Library, 2 p.m.
8-14 Ohio 4-H Week
11 Adult & Youth BQA Training, 6 p.m., Ag Credit Building Conference Room, RSVP
12 Pork Producers Meeting, 7 p.m., Ag Credit Building Conference Room
12 Pesticide Applicator Exam, 9 a.m.
14 Ohio 4-H Conference
14 2020 Small Farm Conference & Trade Show, OSU Mansfield, 8 a.m., Pre-Registration Required
17 New 4-H Volunteer Training, 9 a.m., Extension Office, RSVP!
17 New 4-H Volunteer Training, 7 p.m., Extension Office, RSVP!
18 All About Composting, 6 p.m., Ag Credit Building Conference Room
18 Ohio Swine Health Symposium, Plain City, Ohio, Registration required
18 Walk with A Doc: 12:00 PM, Mount Gilead Cherry Street Administration Building
19 Horse & Pony, 7 p.m., Ag Credit Building Conference Room
19-22 Ohio Beef Expo
24 CARTEENS, 6:30 p.m. to 8:30 p.m., Ag Credit Building Conference Room
26 Ohio 4-H Dairy Judging Contest
26 Senior Fairboard Meeting, 7:30 p.m., Fairgrounds
28 OSU Jr. Swine Day, Registration Required
30 Junior Leaders, 7-8 p.m.
31 Backyard Poultry Production, 6 p.m., Ag Credit Building Conference Room

APRIL 2020

- 1 Cattlemen's Meeting, 6:30 p.m., Ag Credit Building Conference Room
1 New Volunteer Training, 7 p.m., Extension Office Conference Room, RSVP!
1 Quality Assurance Test-Out Opportunity, 4:30-6 p.m., Ag Credit Building Conference Room
2 Quality Assurance for 8-10 year olds, 6:15 p.m. - 7:30 p.m., Ag Credit Building Conference Room, RSVP
6 Junior Fairboard, 7 p.m., Fairgrounds
6 Dairy Board Meeting, 12 p.m., Ag Credit Building Conference Room
7 Livestock Sale Committee Meeting, 7 p.m., Ag Credit Building Conference Room
8 Career Exploration Workshop - Construction & Automotive Trade Careers Registration Due
9 Pork Producers Meeting, 7 p.m., Ag Credit Building Conference Room
9 Garden Site Selection & Prep, 2 p.m., Johnsville Perry Cook Memorial Library
14 Make and Take Uncooked: 1:00 PM, Perry Cook Memorial Public Library
15 4-H Enrollments Due On Line
15 Walk with A Doc: 12:00 PM, Mount Gilead Cherry Street Administration Building
16 Horse and Pony Committee, 7:30 p.m., Ag Credit Building Conference Room
18 Career Exploration Workshop - Construction & Automotive Trade Careers, 9-3 p.m., Tri-Rivers Career Center
19 Fairy Gardens, Headwaters Outdoor Education Center, 2 p.m.
21 Worm Bin Composting, 6 p.m., Ag Credit Building Conference Room
23 Sr. Fair Board, 7:30 p.m., Fairgrounds
25 Trash Bash Drop Off At Fairgrounds
27 Jr. Leaders, 7-8 p.m., Extension Conference Room
28 Quality Assurance, General Livestock, 6:15 p.m., Fairgrounds
28 The Occasional Quantity Cook Class - 6 p.m. - 8:15 p.m., Ag Credit Building Conference Room
28 The Occasional Quantity Cook: 6:00 PM, Ag Credit Building, Second Floor Conference Room

- 29 Constructing Your Woodworking Project In A Day Registration Due
30 Last Day To Add/Drop Projects and New Member Deadline

MAY 2020

- 4 Dairy Board Meeting, 12 noon, Ag Credit Building Conference Room
4 Jr. Fairboard, 7 p.m., Fairgrounds
6 Cattlemen's Meeting, 6:30 p.m., Ag Credit Building Conference Room
6 Livestock Quality Assurance General, 6:15 p.m., Fairgrounds
9 Constructing Your Woodworking Project, 9 a.m. - 2:30 p.m., Tri-Rivers Career Center
11 Planting Your Garden & Container Gardening Workshop, 2 p.m., Johnsville Perry Cook Memorial Library
14 Pork Producers, 7 p.m., Ag Credit Building Conference Room
18 Livestock Quality Assurance General, 6:15 p.m., Fairgrounds
19 Yard Composting, 6 p.m., Ag Credit Building Conference Room
20 Hanging Baskets & Humming Birds, 6 p.m., Headwaters OEC
20 Walk with A Doc: 12:00 PM, Mount Gilead Cherry Street Administration Building
21 4-H Horse & Pony Committee, 7:30 p.m., Ag Credit Building Conference Room
25 Memorial Day, Office Closed
26 CARTEENS, 8:30-8:30 p.m., Ag Credit Building Conference Room
27 Horse Quality Assurance Only/Safety Clinic, Fairgrounds, 6:15 p.m.
28 Sr. Fairboard, Fairgrounds, 7 p.m., Fairgrounds

JULY 2020

- 8 Registration Deadline for Youth Fitness Quest
8 Registration Deadline for Cloverbud Fun Day
18 Cloverbud Fun Day - Location TBA,
21 Youth Fitness Quest - Buckeye Fitness & Training Academy

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: <http://go.osu.edu/cfaesdiversity>.

THANK YOU Central Ohio Farmer's Co-op
for over 34 years of donations toward 4-H project books!

Approximately \$1,200 each year is donated! Thanks for helping make the best better!

Central Ohio Farmer's Co-op, Inc.

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