

October 2024 Newsletter

Congratulations to everyone in the 4-H community for another great year in 4-H!

- Enrollment in the Jefferson County 4-H Program continues to grow.
- 2,485 Entries were exhibited at the Fair by our members.
- 4 Steer, 10 Lambs, and 23 Swine were donated to House of Hope Food Pantry by Local Businesses supporting our 4-H Livestock Auction.



4-H Volunteers who are looking to get more involved should read on about our open 4-H Club Representative Position on the Fair Board and the upcoming Expansion and Review Committee Meeting on the 17th.

The next 4-H Fair Board Meeting will be October 3, 2024 at 7 pm in the Community Building. The next Extension Board Meeting will be November 4, 2024 at 6:00 pm in the Extension Office. Save the date for our Annual Extension Board meeting January 29th for a complete overview of the successes of this year and a preview of what's to come.

Sincerely, Britt Copeland, Extension Educator

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New Daytime Master Gardener Course Coming to Jefferson County!

Join likeminded Horticulturalists on Wednesdays from Noon– 3pm at the Extension Office and Several Field Trip Locations for the 2025 Purdue Extension Master Gardener Basic Training. The class will run weekly from February 5th– May 7th.

We put together a roster of Purdue and local experts on topics from Soil Management, Pest Identification, Invasive Species, Fruits, Vegetables and more. Registration in the course includes a textbook and an invitation to join our volunteer Master Gardener Group.

A registration waitlist has already been started. Contact the extension office to be added to the list today. Call us at (812) 265-8919, stop by in person or email copelanb@purdue.edu. Learn more at the Master Gardener Website: https://www.purdue.edu/hla/sites/master-gardener/



Next Jefferson & Switzerland County Master Gardener Association Meeting: October 3rd at 6 pm in the Community Building

For the past few years we have had a very popular wreath making workshop at the fairgrounds. Last year we had 60 participants make wreaths. It is usually a lot of fun but does take some buy in from volunteers to put on. This year we are going to look into getting evergreens from a Tree Service

and focus on MG volunteer donations on Ornamentals.

• We will have a planning meeting for all those interested in helping with the workshop on Thursday October 3rd at 6pm in the 4-H Community Building on the Fairgrounds. Please stop by if you can help with the event!

If you want to be a part of the event but can't make the callout meeting just send me an email, copelanb@purdue.edu or phone call, 812-265 8919.

Follow the <u>JSCGMA on Facebook</u> for updates and helpful articles relating to horticulture.



Fall 2024 Virtual Extension Master Gardener Advanced Training Series

Please follow the appropriate link for each session to register for each training. Connection information will be sent by email to registrants prior to each training. Recordings for all sessions will be posted here: https://www.purdue.edu/hla/sites/master-gardener/continuededhours/

October 3, 10 – 11 a.m. (ET) – "Gardening with Weather Extremes"

- Austin Pearson, Service and Outreach Climatologist, Department of Agronomy, Purdue University
- Register for this session at: https://purdue.ca1.gualtrics.com/jfe/form/SV 3klXgMEwjeama9w

October 10, 10-11 a.m. (ET) - "Season Extension Techniques for the Home Garden"

- Jayde Grisham, Purdue Extension Educator, Ag and Natural Resources, Marion County
- Register for this session at: https://purdue.ca1.qualtrics.com/ife/form/SV a8ZiVaMbqTmAWh0

October 24, 10-11 a.m. (ET) - "Rainscaping for the Home Landscape"

- John Orick, Purdue Extension Master Gardener State Coordinator, and Karen Mitchell, Purdue Home Horticulture Extension Specialist
- Register for this session at: https://purdue.ca1.qualtrics.com/jfe/form/SV_bEf8DBAPOsNsiLc

Agriculture & Natural Resources

Overgrazing Perennial Pastures During Hot And Dry Weather Has Long Term Consequences – Don't Do It

DATE: JUNE 13, 2024 - INCLUDED IN ISSUE: 2024.12 PEST & CROP NEWSLETTER PURDUE ENTOMOLOGY

By: Keith Johnson

What a weather transition has occurred in the last month! Hay harvest, and corn and soybean planting were extended because of rain that seemed to be happening every third to fourth day. In West Lafayette, there was a record low of 37 degrees F early in the week for that date; now we have a string of many days over 90 degrees F without rain projected to happen.

Little rain and high temperature are not conducive to good cool-season grass growth. Pastures grazed by livestock, to what appears to be a golf putting green, is not healthy for the forages in the pasture. Grazing height of cool-season grasses to less than 4 inches does not permit the grass to recover by accumulating reserves for root and herbage growth. The pasture should not look like a hayfield that has just been moved

(A) (B) (C)

FIB 2.8. Root development of grasses with (A) no defoliation, (B) moderate defoliation, and (C) close, continuous defoliation. Root development depends on photosynthate produced by the leaf area, and leaf area depends on water and nutrients (especially nitrogen) that are absorbed from the soil. (Adapted from Walton 1983.)

You likely were told to clean up all the food on your plate when you were a child sitting at the kitchen or dining room table. That was a good recommendation to reduce food waste and to make sure the

good recommendation to reduce food waste and to make sure the dollars earned by your parent or guardian were not "thrown in the trash".

Consider this – If the soil in the pasture is the plate and the forages growing in the soil is the food on the plate to be eaten, having livestock, analogous to the child at the table, grazing the soil bare of vegetation is a concern. Grazing every grass blade is not the objective with proper grazing management and it should not be like the clean plate after your meal. The figure that follows is from "Forages Volume 1 – an introduction to grassland agriculture". This is an excellent illustration of what happens to root biomass and vegetative regrowth when overgrazing occurs and time is not allowed for plant recovery.

If the illustration doesn't convince you of the negative consequences of overgrazing, the University of Kentucky Forage website time lapse video simulating orchardgrass response differences to intensity of vegetation removal should provide insight. Within the information shown by clicking on the link http://forages.ca.uky.edu/grazing, review the "UK Orchardgrass" box found on the left middle side of the page. Keep the video content in your mind when you leave some residual growth in the pasture. You are doing the right thing!

Information found within the link https://www.extension.purdue.edu/extmedia/ID/ID-528-W.pdf provides a checklist of ideas that should be considered to feed beef cattle during dry weather. While the emphasis is on beef cattle, there are many components of the publication that have value for all livestock species. Review the information in the publication now so a plan can be developed if it needs to be put into action. Doing nothing, is not a wise plan.

Read this article for 18 best management practices to make your forages go the furthest during a drought





BEEF MANAGEMENT PRACTICES

Ron Lemenager Extension Beef Specialist Animal Sciences

Purdue University

Keith Johnson

Agronomy Purdue University

When Forages are in Short Supply Because of Drought

When environmental conditions are less than ideal, forage production will be reduced. The most common cause of low forage yield is drought caused by less than average rainfall in the late spring and summer. Dry weather is often accompanied by high environmental temperatures which accentuate the concern of low rainfall (Figure 1).

concern of low rainfall (Figure 1). Unfortunately, there are no cheap, easy fixes for beef producers who have both short pestures and limited hay supplies. Good management means beef producers should develop and implement a strategy that specifies what to do with pastured animals, and where winter feed supplies will come from, long before the last blade of grass or bale of hay disappears. If not properly managed, a drought year can affect the bottom line for three years:

 First year: feed costs increase and calf weaning weights are typically decreased.

- Second year: calf vigor, colostrum quality, milk production, calf weaning weight, cow reproductive performance, and forage production can be affected.
- Third year: calf crop weaned and forage production can still be impacted. roper planning and management

Proper planning and management can minimize the longer-term economic impact.



Figure 1. Drought-stricken, overgrazed pasture with predominantly weeds and remnants of old seed heads.



Young people need us now more than ever before. More than ½ of Gen Z reports feeling loneliness and failure.

30% of youth are chronically absent - doubled since the 2018–2019 school year. The job gap continues to grow.
We need to prepare this generation to be ready.

WHY 4-H?

4-H is building a ready generation.

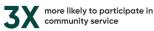
6M Reach

greater than any other youth development organization

Unmatched Network from 3,000 counties to state & federal institutions

Proven Impact Model spanning 20 years of lonaitudinal research

Youth who participate in 4-H programs emerge:



more likely to report living life with intentionality and purpose

more likely to have the goal of being a leader



National 4-H Week is October 7-12th

This year's National 4-H Week theme is Beyond Ready. The theme aims to highlight how community support from 4-H programs makes our youth Beyond Ready to face today's challenges. An aspect Purdue Extension will start pushing harder in the coming months is college and career readiness. There are tons of other options for postsecondary education besides college. And exploring those options through 4-H project areas at a young age is a great way to start the journey towards readiness.

We will be doing some promotion events around the community to get the word out about the theme and enrollment for the entire month of October. If you want to get involved I have listed some ways below.

Get involved with National 4-H Week!

Nominate or Volunteer to do a 4-H Member Video Spotlight!

- We are looking for 4-H members to spotlight on our social media. The goal of this series to promote 4-H enrollments and teach a brief piece of knowledge a member has learned from project participation. We are especially looking for older members in static projects that can impart a tip or skill in a 2-3 minute video.
- Examples from last year are archived on our YouTube Channel: https://youtu.be/5nor3AXUfCE.
- Contact Britt to volunteer or nominate.

Have a Booth at our Drive Thru Trick or Treat!

- Manning a booth could be a fun outing for your club and shows the community what 4-H has to offer. If your club
 would like to participate contact the office! See flyer for more details.
- The Pumpkin Painting Contest is back!
 - Plan a club meeting for October and decorate as many pumpkins as you want. Our esteemed panel of judges will evaluate on creativity and originality.
 - Drop pumpkins at the extension office before trick or treat.
 - Winners are displayed at Trick or Treat and will receive some 4-H Swag!

Volunteer to Speak on the Radio during National 4-H Week!

Contact the Extension Office if you are willing

Invite the 4-H Educators to come talk to your club or community group! Share our Posts and Tell your Friends!

Enroll in 4-H for 2025 on October 1st!!

Enrolling on time ensures you don't miss out on any of the year round programs 4-H has to offer such as 4-H Camp, Purdue Trips, SPARK Clubs and other special events. Visit 4-H online at <u>v2.4honline.com</u> to reenroll after October 1st. As always, let the office know if you have any questions, would like to help with upcoming events or have ideas for new programming. Our Office is open M-F 8-4 pm and our phone is (812) 265-8919.



Indiana State Fair- Jefferson County Results



13 MC 707			
Aerospace		Foods, Preserved	
Wyatt Johnson	Blue	Breanna Napier	Blue
Jackson Wheeler	Blue	Haley Ferguson	Blue
Arts & Crafts		Hannah Ferguson	Blue
Floyd Davis	Red	Forestry	Biac
Beekeeping		Easton Bechman	Blue
Emma Richey	Red	Benjamin Copeland	Blue
Lilliam Cox	Blue	Rmma Richey	Red
Cake Decorating		•	1100
Kodi Malcomb		Garden	Б.
Kora Malcomb	Orange		Red
Cat Poster		Jackson Wheeler	Dl
Katherine Miller	Blue	Bell Pep	Red
Child Development		Banana Pep	Red Blue
Miriam Miller	Red	Canning Tom. Roma Tom.	Red
Victoria Gammons	Blue	Roma Tom.	Neu
Computer		Genealogy	
Callie Copeland	Blue	Bryce Head	Red
Emma Richey	Blue	Clayton Couch	Blue
•		Geology	
Construction & Architectu	-	Liam Taylor	Blue
Tyler Hook	Blue	Aliza Mehl	Blue
Consumer Clothing		Emma Richey	Red
Virginia Mehl	Blue	•	
Molly Bruce	Orange	Health	Dive
Ella Grace Morris	Blue	Sally Geyllian	Blue
Creative Writing		Emily Geyman	Blue
Emma Richey	Blue	Home Environment	
Dog Poster		Ruby Bear	Blue
Liam Taylor	Blue	Lilliana Clark	Blue
•	Diao	Ella Grace Morris	Red
Electric	DI	Lawn & Garden Tractor Sa	fetv
Raelea Frey	Blue	Vinson Phagan	Blue
Kodi Malcomb	Blue Blue	· ·	
Jamison Williams	Blue	Model Craft Jackson Wheeler	Blue
Luke Coles	blue	Colt Ferguson	Red
Entomology Daniel Whitley	Red	-	Neu
Zoey Crady	Blue	Needlecraft	
Hannah Skirvin	Orange	Kora Malcomb	Blue
	Orango	Photography	
Fashion Review		Wyatt Williams	Blue
Madison Schafer	Blue	Virginia Mehl	Blue
Fine Arts		Taylor-Austyn Imel	Red
Tessa Renfrow	Blue	Brenna Wehner	Blue
Noelle Henderson	Blue	Michael Denny	Red
Floriculture		Emma Richey	Red
Anastasia Smith	Red	Megan Morris	Blue
Bethany Pickett	Blue	Sewing	
Clayton Couch	Blue	Tinley Crim	Red
•		Eliza Ernst	Blue
Foods Baked	Dluc	Elly Meacham	Blue
Braylinn Curry	Blue	Raelea Frey	Orange
Paige Schafer	Blue	Maggie Joseph	Orange
Jamison Williams	Red	Robic Arco	Blue
Lily Sloan	Blue	Rebecca Ball	Red
Paige Campbell	Blue	Soil & Water Science	
5 1		Michael Briggs	Blue
		Who had briggs	Dido

Shooting Sports				
Easton Bechman	Blue			
	Red			
Emma Richey	Neu			
Sportfishing				
Luke Coles	Blue			
Tractor Operator				
C.J. May	Blue			
Tractor				
Noah Barnes	Red			
Benjamin Copeland	Blue			
	Diuc			
Veterinary Science	Dive			
Lilliana Clark	Blue			
Michael Briggs	Blue			
Weather & Climate	Weather & Climate			
Miriam Miller	Blue			
\A/: - :£-				
Wildlife				
Connor Phagan	Blue			
Jake Coles	Blue			
Woodworking				
Dylan Schafer	Red			
Colt Ferguson	Blue			
Jamison Williams	Blue			
•	Diue			
Zero-Turn Mower Safety				
Raylon Clayton	Blue			
Easton Bechman	Blue			
Jesse Bechman	Blue			





The Art & Nature of Fun PRESENTED BY NEWFIELDS



Indiana State Fair- Jefferson County Results



Livestock Exhibitors

Dog

Rebecca Ball & Ryo 4th in 4A Obedience Simeon Ball & Maxx 9th in 3B Obedience Clayton Couch & Mercury 2nd in 3B Obedience; 21st Showmanship Faith Day & Kasey 2nd in 5A Obedience; 19th Showmanship; 3rd in Agility Emily Foster & Daisy May 7th Beginning B Agility Raelea Frey & Boss 22nd in 1B Obedience Esme Reece & Gus 3rd in 3B Obedience Jenna Renfrow & Bear 30th in 1B Obedience Dog Drill Team- 1st Place Team



Links to Full Results

Animal Exhibit Results

Non-Animal Exhibit Results

Ribbons are awarded using the following criteria:

- Green participation
- White poorly constructed or barely meets exhibit requirements
- Red adequately constructed or does not fully meet exhibit requirements
- Blue very complete exhibit, meets exhibit requirements, and is well constructed
- Orange exceptional blue ribbon exhibit (Merit)

Goat

Michael Briggs 6, 9, P

Swine

Bella Farmer P,P, P
Sydney Huff P,P,P
Jake Coles 3,P,P
Luke Coles 3, P, P
Callie Farmer P, P, P
William Stockdale P,P

Rabbit Ambassador

Maggie Joseph Blue Max Joseph Blue

Purdue Extension is Hiring for Jefferson County 4-H Youth Development/ Health and Human Services Extension Educator

There is still an opportunity to join the extension office team! This full time position with Purdue Extension would work directly with Youth and Health Stakeholders in the Community. Questions about the position can be directed to the hiring manager, Atina Rozhon, at arozhon@purdue.edu. Find the position description here: https://careers.purdue.edu/job/Extension-Educator-Health-and-Human-Sciences4-H-Youth-Development-Jefferson-County/34175-en_US/



4-H Adult Volunteer Updates

4-H Club Leader Representative Position

It is time to appoint a new 4-H Leader Representative to the Jefferson County 4-H Fair Board. The purpose of this position is to represent the interests of 4-H Club leaders as a voting member on the Fair Board. This person is expected to fulfill Fair Board member duties in addition to working with Extension Educators to gather needs assessment data, promote 4-H volunteer training opportunities, serve as a mentor to beginning 4-H leaders, and be a point of contact for 4-H leaders in addition to Extension Educators.

This position is open to 4-H volunteers who were in active status on 4-H Online within the 2023-2024 4-H program year. This position is appointed annually and can serve for 2 consecutive terms. Any leaders who are interested in the position should contact the County Extension Director, Britt Copeland copelanb@purdue.edu, by October 15th. If multiple parties are interest an email voting link will be sent through 4-H Online on October 16th.

We want to thank our retiring 4-H Leader Representative, **Alinza Deuser**, for her hard work in the position for the past two years.



4-H Adult Volunteer Updates



It's Time to Enroll, Enroll!



All 4-H Adult Volunteers must re-enroll every year on 4-H Online.

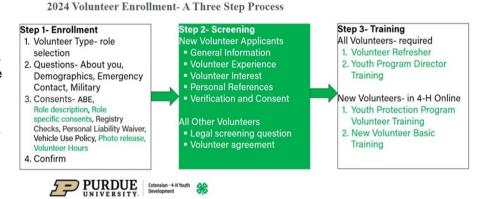
Leaders cannot hold meetings, represent 4-H or be considered 4-H leaders for insurance or liability purposes until they have enrolled. 4-H Online resets on October 1st. Please reenroll now, especially if you are participating in our Trick or Treat Event!

Visit: v2.4honline.com to enroll today.

2024-2025 Changes to 4-H Adult Volunteer Enrollment Process

Extra steps have been added to the enrollment process to safeguard volunteers from a liability perspective. They are minimal changes but require you to be aware of new screens you will while enrolling.

<u>Step 1</u>: New this year you will have to chose a volunteer role. Many new volunteers are familiar with this term, experienced volunteers may not be. Those with multiple roles can and should select more than one role description. You will have four choices that will expand after they are selected. They are:



Club Volunteer

- Choose this if you are a leader of a club such as Hanover No Names or Jefferson County 4-H Southpaws
 - On the second drop down choose **<u>Club Organizational Member.</u>**
- Also choose this if you are on the Fair Board or Extension Board Member.
 - On the second drop down chose 4-H Affiliate Member.

• Program Volunteer

- If you are just a cool guy that likes to lift gates, weed the tomatoes and do whatever is needed and don't below to a club choose this option.
 - On the second drop down select **General Program Volunteer**.

Project Volunteer

- If you are a project superintendent for livestock or the exhibit hall select this role
 - On the second drop down select <u>Subject Matter/Project Leader</u>. Then add your projects on the third drop down list.
- New Applicant

 This is pretty self explanatory. If you have never volunteered before select this option.

After you have signed your role description and your normal consents it will say "Submit Enrollment" You are not complete after this step!

<u>Step 2:</u> A second screen will ask you to consent to screening (background checks). It's essential you click show screening questions, complete them and then advance.

Step 3: Last are your normal training videos you complete every year. After those three steps you are done!

We appreciate your time and dedication as a volunteer. If you need help enrolling, clarification on what your role is or would like to complete your video trainings in the office because you lack internet connection we are happy to help!

Next 4-H Expansion & Review Committee Meeting is October 17th at 6 pm

The Expansion and Review Committee is an advisory board made up of community stake holders, Junior Leaders, Parents and those with a vested interest in our 4-H program. The committee meets 2 times a year to brainstorm ways to reach new audiences and create new program offerings to make our organization have a larger reach in the community. Previous members are invited to attend this meeting. If you are interested in joining please contact the office. Expansion and Review is not a policy making board but a way to take stock and propose new initiatives. This meeting will be held in the extension office.



4-H Youth Development

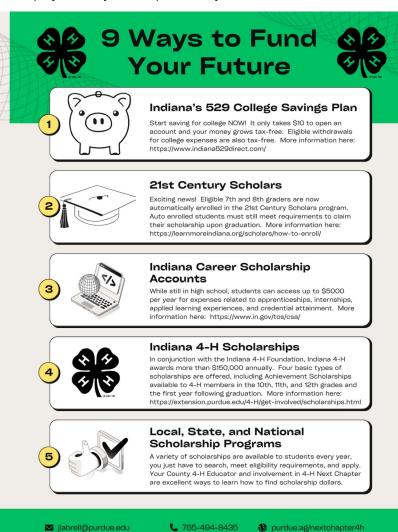


Jefferson County 4-H Junior Leaders

Ever thought about Junior Leaders? If you are in grades 7-12 you are invited to the Fall Kick Off Party on Tuesday October 22nd at 6 pm. We will meet in the Extension Office and then walk to Bettys Barn. We will be doing some planning for the upcoming year as well.

Those wishing to Join Junior Leaders should sign up for the Junior Leaders Project on 4-H Online so we know to keep you informed of our upcoming events! We also have a Facebook page and a Remind Text Group. . Send a text to 81010 containing "@c8k6cb" to join. We will continue to send emails, post in the Facebook group and put reminders in the newsletter.

The fun is just getting started so enroll in the Junior Leaders project today! We hope to see you there!





4-H Fall Crops Show November 13th 6 pm in the Extension Office

The Fall Crops Show will take place in the Extension Office. Registration begins at 6:00 pm and judging begins at 6:15 pm. Members can review their 4-H handbook for exhibit requirements or review the summary below. Exhibit Requirements:

Alfalfa &/or Mixed Hay – exhibit 1-12-inch (12") thick wafer of hay or about 2 pounds.

Corn – exhibit 1 gallon of shelled corn in a clear container and/or 10 uniform ears.

Small Grains – exhibit 1 gallon (each) of Wheat and/or Oats in a clear container.

Soybeans – exhibit 1 gallon in a clear container.

Fall Vegetables -

5 -Potatoes	5- Turnips	5
- Sweet Potatoes		
1- Pumpkin	1- Squash	1
- Fall Cabbage		

You do not have to have exhibited at the county fair to participate in the Fall Crops Show this year. Call the office with any questions. See you there!

State Fair Project Pick Up

Don't forget to pick up your state fair projects! We enjoyed having them exhibited at the Indiana State Fair but now we need our conference room back. Any projects not picked up by the end of October will be recycled or thrown away.





ATV (all-terrain vehicle) safety tips

- Always wear protective gear, including a Department of Transportation (DOT)-compliant helmet, goggles, long sleeves, long pants, over-the-ankle boots and gloves.
- ATVs are designed for driving off-road and should not be operated on public or paved roads.
- Ride only on designated trails and at safe speeds.
- Never carry a passenger on a single-rider ATV.
- Ride an ATV that's right for your age.
- Supervise riders younger than age 16.
- ATV riders should take a hands-on safety training course.
- Do not operate an ATV while under the influence of alcohol or drugs.
- Read and follow the operator's manual and warning labels.

ROV (recreational off-highway vehicle) safety tips

- Always wear a helmet and protective gear.
- Always use the seat belt, and keep all body parts inside the vehicle.
- Ride only in designated areas and at safe speeds; use caution when turning and driving across inclined terrain.
- Do not operate an ROV while under the influence of alcohol or drugs.
- Do not operate an ROV unless you are age 16 or older, or have a valid driver's license.
- Do not transport more passengers than the vehicle is designed for. Do not allow small children to sit in an ROV passenger seat.
- Read and follow the operator's manual and warning labels.
- ROV operators should take a hands-on safety training course.

DID YOU KNOW?

The American Academy of Pediatrics recommends that children

under age 16 — who are too young to have a driver's license — should not be allowed to operate or ride on off-road vehicles.

In 2020, ATV injuries accounted for

37,925 emergency department visits

by children up to age 19.

On average,

two-thirds (68%)

of ATV injuries happen to male children.

Adapted with permission from Safe Kids Worldwide. For more information, visit SafeKids.org.





Funded by Norton Children's Hospital Foundation

Upcoming Dates

<u>Date</u>	<u>Event</u>	<u>Place</u>	<u>Time</u>
Oct. 1	4-H Enrollment Opens for 2025		
Oct. 7-12	National 4-H Week!!		
Oct. 3	Fair Board Meeting	Jefferson Co. Fairgrounds	7 p.m.
Oct. 15	4-H Club Leader Nominations Needed		
Oct. 17	Expansion and Review Committee Mtg.	Extension Office	6 p.m.
Oct. 22	Junior Leader Kickoff Party	Extension Office	6 p.m.
Oct. 26	Drive Thru Trick or Treat	Jefferson Co. Fairgrounds	12-2:30 p.m.
Nov. 13	4-H Fall Crops Show	Extension Office	6 p.m.
Feb 5-May 7	Master Gardener Basic Training	Jefferson Co. Fairgrounds	6 p.m.
July 7-12	2025 Jefferson County 4-H Fair		

NONPROFIT ORG. U.S. POSTAGE PAID MADISON, INDIANA MAMIT NO. 15

PURDUE UNIVERSITY COOPERATIVE EXTENSION SERVICE Jefferson County 3767 W SR 256 Madison, IN 47250-3511 Cooperating with U.S. Department of Agriculture

