

9-9-2024 (Monday of the week submitted)



Extension - Martin County

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The Purdue Extension Martin County weekly column is provided to help all learn about programs & opportunities. We highlight events from Purdue University & Extension where we hope you will choose to be part of Extension.... where there is Opportunity4All!

INDIANA STATE FAIR EXHIBIT PICK UP DETAILS

Exhibit pick up is now through **September 23, 2024**. If you need a different time, please call or text to make pre-arrangements. We are happy to help! Please be aware, some projects at state level are donated or discarded per state staff discretion. Exhibits/ribbons/scorecards/etc. left at The Martin County Office after September 23rd will be repurposed or thrown away.

MARTIN COUNTY 4-H HORSE & PONY CLUB MEETING

When: Sunday, September 15
Time: 2 pm to 5 pm
Where: Martin County 4-H Fairgrounds & Event Center, Horse & Pony arena
Who: Martin County 4-H Members

GET READY FOR 2024-2025 4-H ENROLLMENT! TWENTY DAYS OF TERRIFIC OFFERED TO PROVIDE #OPPORTUNITY4ALL!

Martin County 4-H is offering Twenty Days of Terrific for all youth to enroll in 4-H with the \$20 enrollment fee paid on your behalf! This is in effect from October 1 through October 20, 2024! Mark your calendar now for October 1st to enroll and submit enrollment at v2.4honline.com.

ADULT VOLUNTEER ENROLLMENT FOR THE NEW PROGRAM YEAR STARTS OCTOBER 1ST

Thank you to each and every Extension/4-H volunteer for all you do! We are excited in preparing for a great new program year. We work in the 4-H Motto, to make the best better in all that we do!

All adult volunteers must re-enroll to obtain volunteer certification for 2024-2025 programming season at <https://v2.4honline.com> beginning October 1st. Please plan to complete your re-enrollment early in the month of October, prior to service, and by the October 15th preferred re-enrollment date. Internet service, devices and support are available to all.

OCTOBER MARTIN COUNTY 4-H COUNCIL MEETING

The next Martin County 4-H Council meeting will be Thursday, October 17th at 6 pm in the Community Learning Center Conference Room on The Martin County 4-H Fairgrounds & Event Center.

2024 MARTIN COUNTY 4-H TURKEY DINNER

Make plans now to attend the annual 4-H Turkey Dinner, held in conjunction with the fall 4-H Achievement Awards celebration!

When: Sunday, November 3, 2024

Times: 11 am – 1:30 pm or when supplies are gone

Where: Martin County 4-H Fairgrounds & Event Center, Community Building

To better accomodate, there will be no pre-sales or call ins.

2024 MARTIN COUNTY FALL 4-H ACHIEVEMENT AWARDS

The 2024 Fall 4-H Achievement Awards celebration will be held in conjunction with The Martin County 4-H Turkey Dinner. This is open to all to attend. Come celebrate all 4-H members and meet 4-H members who have excelled in their respective areas of interest and involvement! Awards are based on both achievements and participation. The Martin County 4-H Outstanding Livestock Buyer will also be recognized.

When: Sunday, November 3, 2024

Time: 1 pm Est

Where: Martin County 4-H Fairgrounds & Event Center, Community Building

Categories are:

Outstanding 4-H Animal Science Award (2 awardees)

Outstanding 4-H Communication & Expressive Arts (2 awardees)

Outstanding 4-H Engineering & Technological Science Award (2 awardees)

Outstanding 4-H Healthy Living Award (2 awardees)

Outstanding 4-H Leadership & Citizenship Award (2 awardees)

Outstanding 4-H Plant & Environmental Science Award (2 awardees)

Outstanding 4-H Member Jr High Point Horse & Pony (1 awardee)

Outstanding 4-H Member Sr High Point Horse & Pony (1 awardee)

Outstanding 4-H Member Horse & Pony Awesome Attitude (1 awardee)

Outstanding 4-H Achievement Award (2 awardees)

Outstanding 4-H First Year Member Award (2 awardees)

Outstanding 4-H Sixth Year 4-H Member (2 awardees)

Top Notch Ten Year 4-H Member Award (1 awardee)

MARTIN COUNTY PARP PROGRAM

Date: Thursday, November 7, 2024

Time: 10 am

Location: Martin County 4-H Fairgrounds & Event Center, Community Building

RSVP: Call 812-295-2412 / Text 812-653-2089 / Email heldd@purdue.edu

MARTIN COUNTY ANNUAL EXTENSION BOARD PROGRAM & MEETING

Date: Thursday, November 21, 2024

Time: 6 pm Est

Where: Martin County 4-H Fairgrounds & Event Center, Community Learning Center

More details coming soon!

MARTIN COUNTY 4-H FAIR 2025 & 2026 DATES

2025: Thursday, July 10 to Tuesday, July 15, 2025

2026: Thursday, July 9 to Tuesday July 14, 2026

PURDUE EXTENSION FARM STRESS TEAM

by Abby Heidenreich. ANR Educator and County Extension Director for Gibson County.

Since its creation in 2018, the Purdue Extension Farm Stress Team has committed itself to mental health awareness in the agriculture community. The team, made up of 22 Agriculture and Natural Resources (ANR) and Health and Human Sciences (HHS) educators across the state, works to meet the mental health needs of the agriculture industry on multiple levels. Early in the team's history, educators were trained to deliver two programs developed by Michigan State University. Since then, the team has developed new curriculum and awareness efforts thanks to North Central Farm and Ranch Stress Assistance Network and Indiana State Department of Agriculture-led National Institute of Food and Agriculture grants and partnerships with CareSource.

Among the grant-funded projects were ag response training for mental health crisis call center workers (988 hotline), Indiana audience-specific curriculums/presentations, billboards, a radio awareness campaign, PSA videos, trade show booths, a Tools for Today's Farmer podcast and, most recently, a youth-focused curriculum. Along with those efforts, many single-event programs have been developed as well – all in an effort to meet very specific needs in rural communities experiencing crises.

The Farm Stress Team works on a local, regional, state and national level to reach audiences of many kinds every day. The team has developed partnerships with many industry groups that want to address mental health in their employees or clientele as well. Team efforts focus on everyone from local farmers, farm businesses, veterinarians, Farm Service Agency offices, banks, meatpackers, mental health providers, ag teachers and more.

In the 2023-2024 program year, 1,176 individuals have attended 23 Farm Stress Team programs. The Purdue Extension Farm Stress Team website houses four PSA videos that have more than 5,000 combined views, as well as many printable resources and the business toolkit that agriculture businesses can use to evaluate the mental health of their employees. The Tools for Today's Farmer podcast has 67 episodes with 6,500 total plays worldwide, featuring interviews with a wide range of individuals in the agriculture industry sharing their experiences with stress and mental health. In 2023, the team had seven billboards with a reach of more than 4.2 million people in communities with statistically high farmer suicide rates.

Upcoming events include many fall and winter trade shows, including the National FFA Convention in Indianapolis, where the team will launch the new youth curriculum. To learn more about the team, visit extension.purdue.edu/farmstress or contact Abby Heidenreich at aheidenr@purdue.edu.

HOOSIER HAY CONTEST DEADLINE TO ENTER IS SEPTEMBER 30TH

The [Indiana Forage Council](#)'s Hoosier Hay Contest begun Saturday, June 1. The friendly competition encourages Indiana producers to cultivate higher quality hay during the 2024 season.

The contest is supported by Purdue University Extension and sponsored by SureTech Laboratories, Hutson Inc., CISCO Seeds, the Indiana Beef Cattle Association, the Indiana Dairy Producers and the Indiana Sheep Association.

The cost to participate is \$14 per hay sample or \$20 per baleage sample, with the contest being limited to 100 samples. Entries must be received by SureTech Labs and the IFC by Sept. 30.

Rules and entry forms can be found [online](#). For more information, contact Minton at 812-279-4330, nminton@purdue.edu, or Jason Tower at 812-678-3411, towerj@purdue.edu.

For additional details: <https://www.purdue.edu/newsroom/2024/Q2/hoosier-hay-contest-creates-a-friendly-and-educational-competition-among-producers/>

NO COST TO YOU MATTER OF BALANCE CLASS STARTING IN SEPTEMBER!

Do you have concerns about falling? This program emphasizes practical strategies to manage falls.

YOU WILL LEARN TO:

- ◆ view falls as controllable
- ◆ set goals for increasing activity
- ◆ make changes to reduce fall risks at home
- ◆ exercise to increase strength and balance

WHO SHOULD ATTEND?

- ◆ anyone concerned about falls
- ◆ anyone interested in improving balance, flexibility and strength
- ◆ anyone who has fallen in the past
- ◆ anyone who has restricted activities because of falling concerns

Time: 1 pm to 3 pm est

Dates:

Wednesday, September 18

Wednesday, September 25

Wednesday, October 2

Wednesday, October 9

Wednesday, October 16

Wednesday, October 23

Wednesday, October 30

Wednesday, November 6

Location: Poplar 313 Poplar Street, Loogootee, IN

Cost: Free, limited to the first 15 participants.

How to register: Call LeAnn Petit 812-295-4433

Managing Concerns About Falls Volunteer Lay Leader Model ©2006. This program is based on Fear of Falling: A Matter of Balance. ©1995 Trustees of Boston University. All rights reserved. Used and adapted by permission of Boston University. A Matter of Balance Lay Leader Model Recognized for Innovation and Quality in Healthcare and Aging, 2006, American Society on Aging. A Matter of Balance Lay Leader Model was developed by a grant from the Administration on Aging (#90AM2780). The University of Southern Indiana Geriatrics Workforce Enhancement Program is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award totaling \$5,000,000 with 0% percentage financed with non-governmental sources. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by HRSA, HHS, or the U.S. Government. For more information, please visit HRSA.gov.

2025 INDIANA SMALL FARM CONFERENCE DATES ANNOUNCED

When: March 4-5, 2025

Where: Hendricks County Fairgrounds, Danville, IN

The conference covers a broad range of topics relevant to diversified farming operations, including fruit and vegetable production, food safety, small-scale livestock production, business development, urban agriculture, marketing, mushroom production, food systems, farmland access, regenerative agriculture, and more. Speakers typically include farmers, Extension staff, and professionals from agricultural agencies and organizations.

CATEGORY 7B TERMITE CONTROL COMMERCIAL PESTICIDE APPLICATOR WORKSHOP

This mandatory attendance, hands-on program will include instruction on biology of wood destroying pests, elements of construction, inspection tips and graph preparation, inspection forms, equipment and calibration, the Indiana Pesticide Use and Application Law, and preconstruction treatment. A Category 7b training manual is included with registration. This workshop is a part of initial certification. Recertification credits (CCH's) are NOT awarded. The program will begin at Seating is limited. Personal or company checks, money orders, purchase orders, MasterCard, VISA, or Discover will be accepted. Cancellation must be made 5 days in advance of the program to receive a

refund. A fee will be charged to cancel a registration. The mandatory attendance to this workshop is required one time. Refunds of registration fee will NOT be given if the workshop was previously attended.

Dates: September 18-19, 2024

Times: 8:30 a.m. (EST) and end at approximately 5:00 p.m.

Location: Purdue Structural Pest Control Training Center, Purdue University, 1340 Cherry Lane, West Lafayette, IN

Registration: <https://web.cvent.com/event/69453fa0-38a9-4845-bb5f-9529c94053d0/summary>

Registration fee: \$200

2024 PEST MANAGEMENT AND LAWN MAINTENANCE WORKSHOP

This hands-on program will include instruction to assist lawncare business owners.

Topics: basic turf maintenance, turf pest management programs, calibration and use of turf pesticide application equipment, and rules and regulations specific to lawncare applicators. Recertification credits (CCH's) will not be awarded.

When: October 1st & 2nd, 2024

Time: 8:30 AM - 4:00 PM Eastern Time

Where: William H Daniel Turfgrass Research and Diagnostic Center Registration: <https://cvent.me/PPnB7E>

What to Bring: Numerous training activities will take place outdoors regardless of temperature or precipitation. Dress accordingly.

Meals: Lunch will be provided both days.

Exams: Category 3b certification requires passing 2 exams, the pesticide core and Category 3b exams. The purpose of this workshop is NOT exam preparation. No certification exams will be offered at the workshop. People needing to take the certification exams should go to the Metro Institute to register for exams at a state-wide location. Go to: www.metrosignup.com/Indiana.

TIMELY SOYBEAN HARVEST TO SAVE BUSHELS

Adapted from: <https://extension.entm.purdue.edu/newsletters/pestandcrop/article/timely-soybean-harvest-to-save-bushels/> by Shaun Castell, September 13, 2024

Soybean development in 2024 has been about 10 days ahead the 5-year average from flowering to pod development to leaf drop (USDA-NASS, 2024). Fast stand establishment and high accumulation of heat units (GDDs) during May and June certainly set the pace. Now in many areas, harvest is fully in gear based on the combinations of early maturities, early plantings, and late season heat and dryness.

Timely planting is foundational for maximizing soybean production. Growing up in the Midwest, the mindset was to plant corn first followed by soybean (as long as it was planted by Memorial Day you were "fine"). That sentiment has changed based agronomic research, Extension recommendations, and farmers' experience.

Indiana planting of soybean shifted dramatically in 2018 to within ~4 days of corn planting where it had averaged 14 days behind corn the previous ten years. In fact, Indiana farmers continue to place high priority on soybean planting to the point that many plant soybean before corn or at least at the same time as corn. Indiana soybean planting now occurs within just ~1.5 days of corn planting in 2022 and 2023 (USDA-NASS, 2024). The general sweet spot for soybean planting is late April to early May depending on the field conditions. We can certainly plant earlier in April depending on the year. These timely plantings have led Indiana farmers to break yield records in 2018, 2020, 2021, and 2023. The crop forecast for 2024 is set to break another record. Though, late-season drought conditions have likely taken some of the sprinkles and maybe the icing off the cake for soybean yields.

As my dad would say, the crop is not made until it is harvested and in the bin. We need to be ready for the early crop and timely for optimal harvest and return. Soybean harvest doesn't have the luxury of high

moisture harvest like corn, so we have to be timely on the harvest regardless of stem greenness or pod color.

We sell soybeans on 60-lb nuggets and not truly bushels as a volume. These 60-lb units that we affectionately call bushels are taken at 13% moisture, but they are equally taken at 10% moisture. Unfortunately, we do not get that 3% water weight given back and adjusted accordingly. This 3% difference in water weight would reduce a 60-bu crop to 58 bu/ac and a 75-bu crop to 72.5 bu/ac. These “yield losses” are based on water weight alone (Table 1) and does not account for combine losses such as shattering due to dry seeds.

One should consider yield map corrections based on harvest moisture, so fields are accurately represented agronomically for any management decisions and trends as well as nutrient removal corrections. Please note that adjusting the yield maps has its merits for your agronomics, but it will not change the economics if harvest was below 13%.

Table 1. Soybean yield “lost” (bu/ac) based on grain moisture harvest below target delivery of 13% and associated yield levels.

Soybean Harvest Moisture (%)	Yield "Lost" (bu/ac) at Actual Yield (13%) Levels of:						Yield "Lost" bu for every 10 bu
	50-bu	60-bu	70-bu	80-bu	90-bu	100-bu	
15.0	0	0	0	0	0	0	0.00
14.0	0	0	0	0	0	0	0.00
13.0	0	0	0	0	0	0	0.00
12.0	0.6	0.7	0.8	0.9	1.0	1.1	0.11
11.0	1.1	1.3	1.6	1.8	2.0	2.2	0.22
10.0	1.7	2.0	2.3	2.7	3.0	3.3	0.33
9.0	2.2	2.6	3.1	3.5	4.0	4.4	0.44

Another point to consider in setting the combine for harvest is your tolerance for soybean seed loss at the header and the spreader. Depending on seed size, we can lose one bushel for every 4 to 5 seeds per square foot on the ground. Poorly set sieves and high fans can lose many seeds out the rear. Header loss can account for significant loss, especially as the fields dry out or go through several wet-dry cycles. Target seed loss should be less than 3%.

Field variability will certainly play into proper harvest settings and timings. Best of luck as you bring in the 2024 crop timely, efficiently, and safely!

MARTIN COUNTY 4-H MEMBER SHARES AND IS APPROVED WITH VISION FOR 4-H FAIRGROUNDS & EVENT CENTER

Ivy Phillips, twelve year child of Danny & Jill Phillips, from Loogootee has identified a need, and hopes to help improve the Martin County 4-H Fairgrounds & Event Center by applying for grant support. This grant, if awarded, will provide funding to install wayfinder signs on the Martin County 4-H Fairgrounds & Event Center. Phillips came up with the idea when she heard others share that they didn’t know where some buildings were during the 4-H Fair. Ivy presented her idea on September 12th during the Martin County 4-H Council’s monthly meeting.

Kudos to Ivy for using her head, heart, hands and health in this quest for improvement.



Pictured after Ivy's presentation are left to right: Trevor Guy, Andy Ringwald, Jill Ziegler, John Lindsey, Ivy Phillips, Neely Richer, Kathy Lingenfelter, Dan Wagler, & Dena Held.

4-H/FFA CAREER DEVELOPMENT EVENT HOSTED IN MARTIN COUNTY

More than 170 youth 4-H/FFA members from southern Indiana descended upon the Martin County 4-H Fairgrounds & Event Center on September 12th for the Area 3 Livestock Skill-a-Thon Career Development Event. Career development events are competitive events that allow youth to showcase their knowledge on a specific topic, in this case, the topic of livestock. The contest is managed and led by Purdue Extension 4-H Youth Educators. The Shoals FFA Program had a team organized by FFA Advisor Kathy Overton.

