

**EMILY KRING - AGRICULTURE AND NATURAL RESOURCES EXTENSION EDUCATOR**

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APRIL 2024

**IDFA**  
International  
Dairy Foods Association

## Joint Dairy Organization Statement on Highly Pathogenic Avian Influenza in Cows

*Statement from the National Milk Producers Federation (NMPF), the International Dairy Foods Association (IDFA), the U.S. Dairy Export Council (USDEC), and Dairy Management Inc. (DMI)*

### Media Contacts:

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USDEC: [jbrown@usdec.org](mailto:jbrown@usdec.org)

DMI: [caroline.krajewski@dairy.org](mailto:caroline.krajewski@dairy.org)

March 25, 2024—Earlier today, [the U.S. Department of Agriculture confirmed](#) highly pathogenic avian influenza (HPAI) in two dairy cattle herds in Texas and two herds in Kansas.

Importantly, USDA confirmed that there is no threat to human health and milk and dairy products remain safe to consume. Pasteurization (high heat treatment) kills harmful microbes and pathogens in milk, including the influenza virus.

Also, routine testing and well-established protocols for U.S. dairy will continue to ensure that only safe milk enters the food supply. In keeping with the federal Grade “A” Pasteurized Milk Ordinance (PMO), milk from sick cows must be collected separately and is not allowed to enter the food supply chain. This means affected dairy cows are segregated, as is normal practice with any animal health concern, and their milk does not enter the food supply.

Consumers in the United States and around the world can remain confident in the safety and quality of U.S. dairy.

### Enhanced Biosecurity Protocols Underway on U.S. Dairy Farms

As information related to an illness affecting dairy cows in several states began to circulate over the past two weeks, USDA’s Animal and Plant Health Inspection Service (APHIS) worked with state veterinary authorities as well as federal partners including the FDA to swiftly identify and respond to detections and mitigate the virus’ impact on U.S. dairy production. Dairy farmers also have begun implementing enhanced biosecurity protocols on their farms, limiting the amount of traffic into and out of their properties and restricting visits to employees and essential personnel. Avian influenza is an animal health issue, not a human health concern. Importantly, mammals including cows do not spread avian influenza—it requires birds as the vector of transmission and it’s extremely rare for the virus to affect humans because most people will never have

direct and prolonged contact with an infected bird, especially on a dairy farm. As a precaution, dairy farmers are taking important measures to protect their workers.

The National Dairy FARM Program (NDFP) offers several valuable [biosecurity resources](#) providing dairy farmers with tools to keep their cattle and dairy businesses safe, including:

- [Everyday Biosecurity Reference Manual](#)
- [Enhanced Biosecurity Prep Guide](#)
- [Herd Health Plan Protocol Template – Biosecurity](#)
- [Animal Movement Log](#)
- [People Entry Log](#)

[Biosecurity practices guidance](#) is available here.

Dairy farmers who observe clinical signs in their herd consistent with this outbreak, such as a significant loss of animal appetite and rumination or an acute drop in milk production, should immediately contact their veterinarian. Veterinarians who observe these clinical signs and have ruled out other diagnoses on a client's farm should contact the state veterinarian and plan to submit a complete set of samples to be tested at a diagnostic laboratory.

What is Pasteurization?

Pasteurization is a process that kills harmful bacteria and pathogens, including viruses, by heating milk to a specific temperature for a set period of time. The processing of milk products involves pasteurization of the raw milk to a minimum of 161.5 °F for 15 seconds and then immediately cooling it. Ultra pasteurization is a process that heats milk at a higher temperature for specified times to extend a product's shelf life.

What is Avian Influenza?

Detections of avian influenza in birds, including chickens, are common in the United States in the spring and fall due to wild birds spreading the virus as they migrate to and from their seasonal homes. While it is uncommon for Highly Pathogenic Avian Influenza to affect dairy cows, USDA APHIS [has been tracking detections of HPAI in mammals](#) for many years in the United States, leading dairy farmers and veterinarians in the United States to prepare for this eventuality. As a result, dairy farmers have taken immediate measures to enhance biosecurity measures in and around dairy farms to keep the food supply safe.

About the Illness in Cows

Dairy producers with affected cows are reporting a rapid onset illness in herds, specifically among older, lactating cows. Clinical signs include:

- Decreased herd level milk production
- Acute sudden drop in production
- Decrease in feed consumption
- Abnormal feces and some fever
  - Older cows may be more likely to be severely impacted than younger cows

According to dairy farmers and veterinarians reporting on affected herds, most affected cows recover within two to three weeks.

### Information for Affected Producers

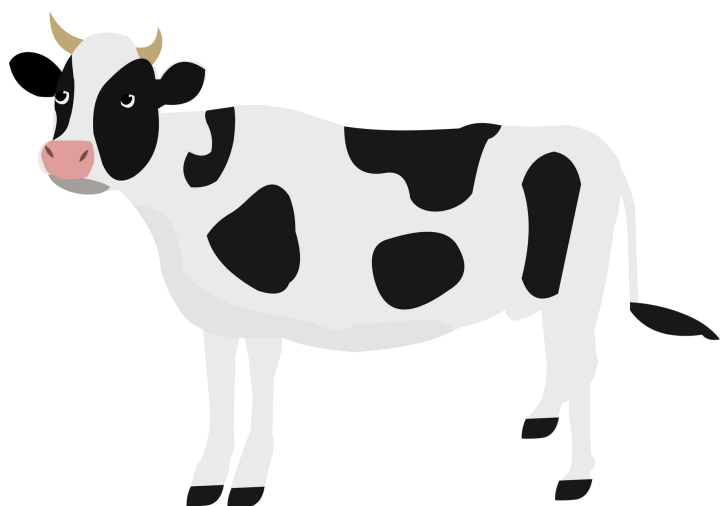
Producers who believe dairy cattle within their herd are showing the clinical signs described above should report these signs immediately to state veterinarians. Animals may also be reported to APHIS' toll-free number at 1-866-536-7593.

### Trade and Exports

The U.S. dairy industry will continue to work with the U.S. federal government, trading partners and the World Organization for Animal Health (WOAH) to encourage adherence to WOAH standards and minimize all unnecessary or unfair trade impacts. It is essential that trading partners do not impose bans or restrictions on the international trade of dairy commodities in response to these and future notifications and rely on the science-based food safety steps taken in U.S. dairy processing, namely pasteurization, in preserving market access.

### Additional Information

- To provide context on the overall size of the U.S. dairy herd, there are more 9.3 million dairy cows in the United States.
- U.S. dairy export value was \$8.11 billion in 2023, the second largest value on record.





Extension - Agriculture  
and Natural Resources



# TREE ID WORKSHOP

APRIL 6TH, 10 AM TO 1:30 PM

DAVIS PURDUE AGRICULTURAL CENTER  
(DPAC) 6230 SR-1 FARMLAND, IN

**Learn all about Tree Identification!**

- Classroom portion
- Free lunch
- Field Portion
- DPAC Forestry Tour

**\*FREE TREE SAPPLINGS**

**Thank you to our sponsor!**



Sign up by calling Emily at 260-726-4707  
For special dietary needs, contact Emily  
by April 3rd at 4:30 pm

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**Randolph County**  
Recycling District

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Extension - Randolph County

# Speak for the Trees & Plant for Free Workshop

When: April 22, 2024 6:30 pm

Where: Randolph County Fairgrounds  
1885 S. US 27, Winchester, IN 47394



Thanks to our sponsor



## Session Speakers and Topics:

- Soil - Emily Kring ANR Extension Educator
- Tree Planting - Edward Oehlman, Indiana Society of American Foresters
- Tree Care - Michael Bane, Consulting Forester, Creation Conservation LLC
- Invasive Species - Liz Yetter, East Central Regional Specialist, State of Indiana Cooperative Invasives

Register by going to  
<https://forms.gle/VmBWNs9jVrX1K3GCA>

 **FORESTRY FIELD DAY**

**APRIL 27TH, 9:30 AM TO 2:30 PM**  
**THE HERRMANN RESERVE IN REDKEY, IN**

**Topics:****Establishing & Managing Young Tree Plantations**

- We'll walk through the process of establishing a successful tree planting
- Show & tell of multiple plantings
- Demonstrations of hand and machine planting

**Grassland Restoration Process**

- We'll explore several NWSG and wildflower plantings and discover ways to increase success

**Monitoring & Managing Deer/Rabbit Impact on Forests & New Tree Plantings**

- We'll show how and why wildlife can hamper habitat restoration efforts and some methods to mitigate negative impacts

Sign up for FREE by calling Emily at 260-726-4707.

For special dietary needs, call Emily by April 24th

Directions: Turn west off of St. Rd. 67 onto W 700 S, for 1/4 mile to the Herrmann Reserve (gravel drive on the south side of the road).

**10821-10273 W 700 S Redkey, IN 47373**



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# Rain Gardens & Arbor Day



April 30

6 PM

At the Jay County  
Public Library

Purdue Extension's Emily Kring will be going over ways that you can use rain gardens and trees to cater to your environmental interests: landscape design, wildlife, functionality in your yard, or just for the love of the environment!



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## Pond Clinic

Learn best practices in managing your pond's vegetation, fish stocking and management, and nuisance wildlife control

May 9th at 6 pm  
Frank Merry Park  
18505 N County Rd. 550 E  
Dunkirk, IN 47336

Register by calling 260-726-4707

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**Location: 4-H Pioneer Building 411  
Patriot Blvd Liberty, IN 47353**

**Monday, June 17, 2024  
6:00 PM**

The culture through crops program allows participants to tour Central America through its agriculture, and culture. We end the night with authentic cuisine demonstration and tasting.

**Cost \$25 for class and meal**

Enroll at: <https://tinyurl.com/corntortillatasting>

**Call (765) 458-5055 for assistance**



Extension



# Become a Certified UAV Pilot

## Purdue Extension UAV Technology Program

### FAA Part 107 Remote Pilot Test Preparation Course Topics

- FAA Test Preparation
- Flight Instructions
- Camera Settings
- Flight Plans and Record Keeping
- Data Management
- Image Quality & Troubleshooting
- Sensors & Artificial Intelligence
- Emergency Preparation



### Location

St. Joseph County Fairgrounds  
5117 Ironwood Rd  
South Bend, IN 46614

### Dates & Time. Must attend both days

October 8 AND 9, 2024  
9:00 am - 4:00 pm Eastern

### Cost:

\$200 per person

### Registration Info Coming Soon!

Call 765-494-6794 to reserve a spot.  
Limited to 20 participants!!! Here is a link to register:

<http://nyurl.com/StJoeDrone>

### QUESTIONS?

Contact: Nikky Witkowski  
nikky@purdue.edu or 219-465-3555



Hands-on Experience



Endless Applications

**How many PARP points do you have?**



**Office of Indiana State Chemist**

**1st** Go to oisc.purdue.edu

**2nd** Click on "My Records" - gold bar across the top

**3rd** Click on "Applicator Login" - down the left side at the bottom.

**4th** You will be prompted to enter your first & last name and the last four digits of your social security number. You will be taken to a page with all of your information concerning your license.

\*Reminder: every five years you need to earn three points. Once you have your three credits and prior to your license expiring you must reapply by sending in the appropriate form and \$20 to activate your license.

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<https://extension.purdue.edu/county/jay/>

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Jay County Courthouse Annex  
126 North Meridian St  
Portland, IN 47371  
Phone: 260-726-4707  
Fax: 260-726-2946

Extension - Jay County



# SAVE THE DATE

## Davis Purdue Ag Center (DPAC) Field Day

Thursday, August 29, 2024  
7:30 AM – 1:00 PM  
6230 SR-1 Farmland, IN 47340



The Jay County Ag. Newsletter is an educational service of the Jay County Cooperative Extension Service. Additional information is available from the Jay County Extension Service located at 126 Meridian St., Portland, IN.

If you would like to receive timely updates by email, please contact Emily Krings at 260-726-4707 or email [ekrings@purdue.edu](mailto:ekrings@purdue.edu). Likewise, if you are moving and need to change your address, please contact us so you don't miss any issues.

Emily Krings  
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It is the policy of the Purdue Cooperative Extension Service that all persons shall have equal opportunity and access to its educational programs, services, activities and facilities without regard to race, religion, color, sex, age, national origin, or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran. Purdue University is an Affirmative Action institution. This material may be available in alternative formats.

If you need a reasonable accommodation to participate in our programs, prior to the meeting, contact Emily Krings at (260) 726-4707