

Todd County Extension Agriculture Newsletter

Warren Beeler To Kick Off August 1 Sheep & Goat Show

We are excited to welcome Deputy Ag Commissioner Warren Beeler as our guest speaker for the August 1st 4-H Sheep & Goat Show. Warren is a long-time livestock producer who has been showing and judging livestock for many years. Warren is an Animal Science instructor at Western Kentucky University and formerly served as the Director of the Kentucky Office of Ag Policy.



Warren's contributions to improving Kentucky agriculture, his commitment to fostering youth leadership skills, and his positive attitude have made him a well-respected leader in Kentucky and beyond. Warren's talk and showmanship demonstration begins at 6:00 pm on August 1st here at the new Todd County Fair Livestock Arena, located at Todd County Extension. You won't want to miss it.



Bacterial Streak in Wheat

Bacterial Streak was recently confirmed on wheat in Todd County. Many wheat diseases share similar foliar symptoms. Symptoms of bacterial streak can resemble those caused by fungus — so laboratory diagnosis is usually needed to give growers a definite answer.

Bacterial streak can be common in wet springs on susceptible varieties. It has generally not been a major yield robber for Kentucky wheat crops, according to UK Plant Pathologist Carl Bradley.

Todd County Extension · 240 Pond River Rd · Elkton, KY 42220 · 270-265-5659

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Lexington, KY 40506



Disabilities
accommodated
with prior notification.

***What's Bugging You?* Garden Program - June 25th at 6:00 pm**

Join us for a short presentation on recognizing garden and landscape pests, plus clues on how to find where they hide, what evidence they leave behind, and how to control them. We'll also discuss some beneficial insects to recognize and encourage on your property.



Avoid Pesticide Residues on Fruits & Vegetables

Whether you use organic, natural, or synthetic pesticides in the garden and orchard — don't forget about the Pre-Harvest Interval. Pre-Harvest Interval is the wait time between a pesticide application and when a crop can be picked. Following this wait time helps avoid having pesticide residues on the food you eat.

Pre-Harvest Interval is sometimes abbreviated PHI. Or it may be called Days to Harvest (or DTH). Insecticide and fungicide labels will include information about how many days should pass after spraying before picking.

It's important to know that a product may have different PHI times for different crops. For example, an insecticide may list 2 days PHI for tomatoes, but 5 days for sweet corn. Checking the product label for this info always pays off.



Events

June 25

Garden Pests, 6:00 pm
Todd County Extension Office

June 27

Pest Management Field Day, 8:30 AM – 12:30 PM
First Baptist Church Christian Life Center
300 West Main Street, Princeton, KY

July 23

Corn, Soybean & Tobacco Field Day
UKREC, Princeton, KY

August 5

Rinse & Return for Pesticide Containers
9:00 – 11:00 AM
Todd County Road Department
411 Streets Avenue, Elkton, KY
Pick-up available for large quantities — call the Extension Office for more information.

August 6

CPH 45 Feeder Calf Sale
Kentucky-Tennessee Livestock Market
9169 Russellville Rd, Guthrie, KY

Raising the Steaks Begins September 5.

Details on back cover.

Phytophthora Fruit Rot/Blight Confirmed in Todd County

Phytophthora fruit rot/blight was confirmed by UK’s Plant Diagnostic Laboratory on May 23 from yellow squash samples submitted May 14 in Todd County.

According to Plant Diagnostician Julie Beale, this is the earliest we’ve seen this disease in Kentucky since 2016. The crowns of plants can become blighted along with fruit rotting. This disease develops under wet/humid conditions. Manage by improving drainage and avoiding heavy irrigation that keeps developing fruits wet for periods of time.

Practice crop rotation by rotating away from susceptible host plants. The pathogen that causes this disease can move through water flow in drainageways to infect other susceptible plants.

“This disease is difficult to manage,” said Plant Pathologist Nicole Gauthier. “Fungicides can be used to suppress Phytophthora, but they won’t cure the disease. Rotation out of susceptible host crops is recommended for 3 to 5 years (yes, that’s a long time). Avoid all cucurbit crops, peppers, eggplant, tomato, and beans. I recommend brassicas/cole crops, root crops, green, and onions/garlic for Phytophthora-infested fields. Manage weeds.

Sanitation is critical. Take precautions to prevent movement of soil from the contaminated field to clean fields. Wash equipment and tools. Clean tools, boots, and clothes.

Improving drainage will slow the disease cycle. Phytophthora is a water mold, and it requires water to complete its life cycle.”

Commercial Spray Guides are available at the Extension Office.



Phytophthora Blight [C/M/SP/W]					
Elumin	22	2	8 oz	2 apps	Can be applied via drip irrigation or as a soil-directed spray.
Forum SC	40	0	6 fl oz	5 apps	Must be tank-mixed with a protectant fungicide.
Omega 500 and fluazinam ⁴ generics	29	30	12 to 24 fl oz		Soil drench or foliar application. See label for maximum number of applications. Note extended PHI.
Orondis Gold	49	0	4.8 to 9.6 fl oz	19.2 fl oz	Use only one Orondis product per year in the fungicide program.
Orondis Ultra	49/40	0	5.5 to 8 oz	32 oz	Use only one Orondis product per year in the fungicide program.
Presidio	43	2	3 to 4 fl oz	12 fl oz	Must be tank-mixed with a fungicide NOT in FRAC Group 43.
Ranman	21	0	2.75 fl oz	6 apps	Tank-mix with an organosilicone surfactant when disease pressure is severe; use an organosilicone or non-ionic surfactant when disease pressure is light-to-moderate.
Revus	40	0	8 fl oz	32 fl oz	Use a spreader/penetrant surfactant. Must be tank-mixed with a fungicide NOT in FRAC Group 40.
Tanos	11/27	3	8 to 10 oz	4 apps	Tanos must be tank-mixed with a fixed copper plus mancozeb fungicide.
Zampro	40/45	0	14 fl oz	3 apps	

ADM Requirements to Comply with New EU Regulation Impacting Kentucky Soybean Producers

Shockley, J. and G. Gardner. "ADM Requirements to Comply with New EU Regulation Impacting Kentucky Soybean Producers." *Economic and Policy Update* (24):5, Department of Agricultural Economics, University of Kentucky, May 24, 2024.

Starting December 24, 2024, the European Union (EU) will require all imported soybeans to be deforestation-free. The policy aims to prevent deforestation and promote sustainable agriculture practices. Consequently, soybeans destined for the EU market must be traceable back to



specific fields where they are grown. To comply with this requirement, Archer Daniels Midland (ADM), with help from the Farmers Business Network (FBN), has introduced a Deforestation-Free Soybean Program to ensure that soybeans exported to the EU meet their standards. However, this EU requirement will impact all elevators selling soybeans to Europe. Therefore, we expect additional verification platforms from other elevators across the U.S., not just ADM.

So, what does this mean for Kentucky soybean producers? Suppose you sell your soybeans to ADM Henderson, Livingston Point, Silver Grove, or ADM locations outside the state (e.g., Memphis). In that case, your location may require you to enroll in ADM's Deforestation-Free Soybean Program via the FBN website/app by June 1, 2024, and submit your field boundary data by July 15, 2024. This enrollment is free, and by submitting your field boundary data, FBN will use satellite imagery to verify that the soybeans were grown on land not deforested after December 31, 2020. What constitutes not deforested? A field where more than 1.24 acres of trees were forested. In conversations with ADM, Dr. Chad Lee discovered that if the total acreage of the fence rows removed surpasses 1.24 acres, the field will not be eligible for the ADM premium. See more of Dr. Chad Lee's notes from his conversation with ADM in the April 2024 Corn & Soybean Newsletter:

<https://graincrops.ca.uky.edu/corn-soybean-newsletters>

Early indications also suggest that some ADM locations will only accept deforestation-free soybeans, albeit at a premium. ADM is offering up to a \$0.15/bushel premium if farmers enrolled in the program and an additional \$0.05/bushel if enrolled by May 1, 2024, and field boundary data submitted by June 1, 2024. For more information on enrolling in the program, please visit ADM's resource website admandvantage.com/adm-resource/ and contact your local ADM elevator for requirements.

Suppose you are unaware of this requirement or do not want to provide ADM and FBN with the required data to enroll in this program. In that case, it is important to realize that selling to a different elevator could incur additional costs, especially if your typical ADM site is not accepting unenrolled soybeans. Understanding hauling costs and local basis when delivering to a different market is important. To identify a new market, please see the map of *Kentucky Grain and Oilseed Markets* found at

https://www.google.com/maps/d/viewer?mid=1nUoO2dd8NCFtNLAz4QXZoh_mnQ&ll=37.20725628387452%2C-86.89010270703125&z=9

Selling to a different elevator could additionally impact fuel, labor, and other operating costs and have differing quality discounts. The *Grain Hauling Decision Tool* can aid in determining the additional cost of delivering a load of soybeans to a new location. You can download the Excel tool at <https://agecon.ca.uky.edu/budgets> or find it on our Agricultural Economics website.

From a marketing perspective, it is currently unknown how premiums for non-deforested beans will affect long-run prices, but there are some things to be aware of when making marketing decisions in the short term. First, your marketing locations will change if you choose not to deliver to ADM due to data requirements or other reasons. As ADM is a large merchandiser, they offer popular marketing contracts such as basis and hedge-to-arrive. Contract options may be limited if you must market to a smaller elevator. Second, the premium for non-deforested beans may push the basis at surrounding elevators upward. As other elevators will need to compete with the premium to source local feedstock, they may need to account for the premium in their basis. Vice versa, even though ADM is offering a premium, they may account for it in their basis, causing a lower basis at ADM locations. Other elevators may not need to compete with the premium if this is the case.

Time will tell how the push for non-deforested beans affects local markets and grain marketing decisions. We have entered a new era in which premiums are being offered for practices. It is highly likely similar premiums will be used in the future for other sustainable agriculture efforts, such as carbon sequestration. These premiums offer the Kentucky producer opportunities; however, opportunities do not come without challenges. As we enter a new age where grains may become de-commoditized, producers must adapt quickly to changing market conditions.

Emily Frogue Earns Cattlemen's Scholarship

Congratulations to Miss Emily Frogue. Emily earned this year's Todd County Cattlemen's Association \$500 scholarship. Emily is the president of Todd County FFA. She will attend Southcentral Kentucky Community & Technical College this fall and will later attend Murray State University, pursuing a degree in Ag Finance.

Pictured with Emily are Todd County Cattlemen's Association president Don Laster (left) and treasurer Tony Berry (right). Thanks to the Cattlemen's Association for supporting our youth in agriculture.



Traci Johnson
Agriculture & Natural Resources Agent



RAISING THE STEAKS

6:00 – 8:00 pm

Supper Provided Each Session

Join us for a 4-part series to learn more about raising, processing & marketing beef (and a little pork). There will be lessons on finishing facilities, proper nutrition, beef marketing as well as marketing opportunities, direct-to-customer sales training, and beef grading & processing. There is also a great opportunity to hear from other producers with finishing experience about their successes and challenges.

Registration Fee: \$50 per person

Register with Your Local Extension Office

- Logan County Extension Office - Leann Martin**
270-726-6323 255 John Paul Ave Russellville, 42276
- Todd County Extension Office - Traci Johnson**
270-265-5659 240 Pond River Rd. Elkton, KY 42220
- Christian County Extension Office - Matt Futrell**
270-886-6328 2850 Pembroke Rd. Hopkinsville, KY 42240



September 5 Christian Co. Extension Office Facilities & Finishing Nutrition

Dr. Morgan Hayes, *University of KY*
Dr. Katie VanValin & Mr. Kevin Laurant, *UK*



September 12 Todd Co. Extension Office Cattle Marketing

Dr. Kenny Burdine, *University of Kentucky*



September 19 Logan Co. Extension Office Producer Panel & Direct Sales Marketing

Area Finish Cattle Producers
Joanna Coles, *Warren County ANR Agent*



September 26 Hampton Premium Meats

Grading & Processing 1890 Pembroke Rd.
Hopkinsville, KY 42240
Dr. Gregg Rentfrow, *University of KY*
Chris Milam, *Hampton Premium Meats*

