

# Union County ANR Newsletter

## January/February 2025

**UK** Martin-Gatton  
College of Agriculture,  
Food and Environment

Union County  
Cooperative Extension Service  
1938 US HWY 60W  
Morganfield Ky 42437  
270-389-1400

# Union County GRAIN DAYS

### JANUARY 21, 2025

### 10AM

### UNION CO EXTENSION OFFICE

(1938 US HWY 60W MORGANFIELD, KY)

Speakers: Dr. Jordan Shockley, UK Ag  
Economic Specialist and Dr. Edwin Ritchey,  
UK Soil Specialist

Private Applicator License Training will be done after lunch/county yield  
contest awards. **You must attend all speakers to do the training.**

Lunch will be provided.

RSVP by January 15, 2025 to the Union Co Extension Office 270-389-1400.

For more information contact:

Katie Hughes, ANR Agent [katie.n.hughes@uky.edu](mailto:katie.n.hughes@uky.edu)



**UK** Cooperative  
Extension Service

\*\*CAIP-ED APPROVED\*\*

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4-H Youth Development  
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University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.  
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Disabilities  
accommodated  
with prior notification.

Scan QR Code or click this link: <https://forms.office.com/r/EjeawZvux1>



**UNION COUNTY**

**WOMEN IN AGRICULTURE**

THE UNION CO EXTENSION OFFICE WANTS TO HIGHLIGHT AGRICULTURE WOMEN IN MARCH FOR WOMEN MONTH! THIS WILL BE THEIR CHANCE TO SHOWCASE THEIR AGRICULTURE LIFESTYLE.

SCAN THE QR CODE FOR THE NOMINATION FORM OR STOP BY THE OFFICE TO PICK UP THE FORM.

FOR MORE INFORMATION PLEASE CONTACT  
KATIE HUGHES, UNION CO ANR AGENT 270-389-1400 OR  
KATIE.N.HUGHES@UKY.EDU



Cooperative Extension Service  
MARTIN-GAITHER COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

## Kentucky Crop Health Conference

Take the lead against pest management issues with a supercharged agriculture conference designed to get you on the right track before the spring planting season shifts into high gear.

Tickets are now available for the Kentucky Crop Health Conference scheduled from 9 a.m. to 3 p.m., Thursday, Feb. 6, 2025, at the National Corvette Museum's conference center in Bowling Green, Ky. Sign-in will begin at 8 a.m. CST and breakfast and lunch will be included.

This unique conference celebrates its third year at the corvette museum and offers guidance on integrated pest management through University of Kentucky extension specialists as well as extension specialists from across the United States. Guest speakers for 2025 include Alyssa Essman from Ohio State University; Justin McMechan from the University of Nebraska-Lincoln; and Wade Webster from North Dakota State University. They will join University of Kentucky Extension Specialists Travis Legleiter, Carl Bradley, Kiersten Wise and Raul Villanueva for in-depth and enhanced discussions in the disciplines of weed science, plant pathology, and entomology.

"The Kentucky Crop Health Conference provides top-tier pest management insights, empowering agronomic professionals and farmers in Kentucky to make data-driven pest management decisions in corn, soybean, and wheat. Our distinguished speakers share valuable pest management strategies from across the United States, inspiring innovative approaches for our professionals here in Kentucky," said Dr. Travis Legleiter, University of Kentucky Associate Extension Professor - Weed Science.

For conference tickets, visit <https://kchc2025.eventbrite.com>. Tickets sales close on Jan. 30, 2025, and refunds will not be issued after that date. Educational credits will be available. Certified Crop Advisors will receive 4.5 CEUs in IPM. Kentucky pesticide applicators will receive 3 CEUs for Category 1A (Agricultural Plant) and 1 CEU for Category 10 (Demonstration and Research). Tennessee pesticide applicator credits are pending.

For more information on the Kentucky Crop Health Conference contact (859) 562-2569 or email [ja-son.travis@uky.edu](mailto:ja-son.travis@uky.edu).







Scan QR Code or click link: <https://forms.office.com/r/Q1iyYmQkJ5>



# 2025 Classes

What do you want to see offered for Agriculture and Horticulture at the Union County Extension Office?



Scan below



**Cooperative Extension Service**  
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 University of Kentucky

# 2025 WINTER WHEAT MEETING

**February 4, 2025**  
**Bruce Convention Center**  
**Hopkinsville, KY 42240**  
**9am-3pm central**  
**Registration 8:30 ct**

*CCA and Pesticide Credits pending.*

- What are We Learning From YEN in KY? - Phil Needham
- Herbicide Residual Application Timing for Ryegrass Control - Dr. Travis Legleiter
- On-farm Grain Fumigation Options - Josh Wilhelm
- Dealing with DON: Management of Fusarium Head Blight and DON in Wheat - Dr. Carl Bradley
- How Nitrogen and Sulfur Fertility Influences Wheat Grain Yield and Protein Content - Dr. Edwin Ritchey
- Current Wheat Crop Update - Dr. Chad Lee
- Wheat Varieties Tolerance to Metribuzin and Opportunities to Improve Italian Ryegrass Management - Dr. Samuel Revolinski
- Overview of Kentucky Wheat Yield Contest 2015-2024 - Dr. Mohammad Shamim



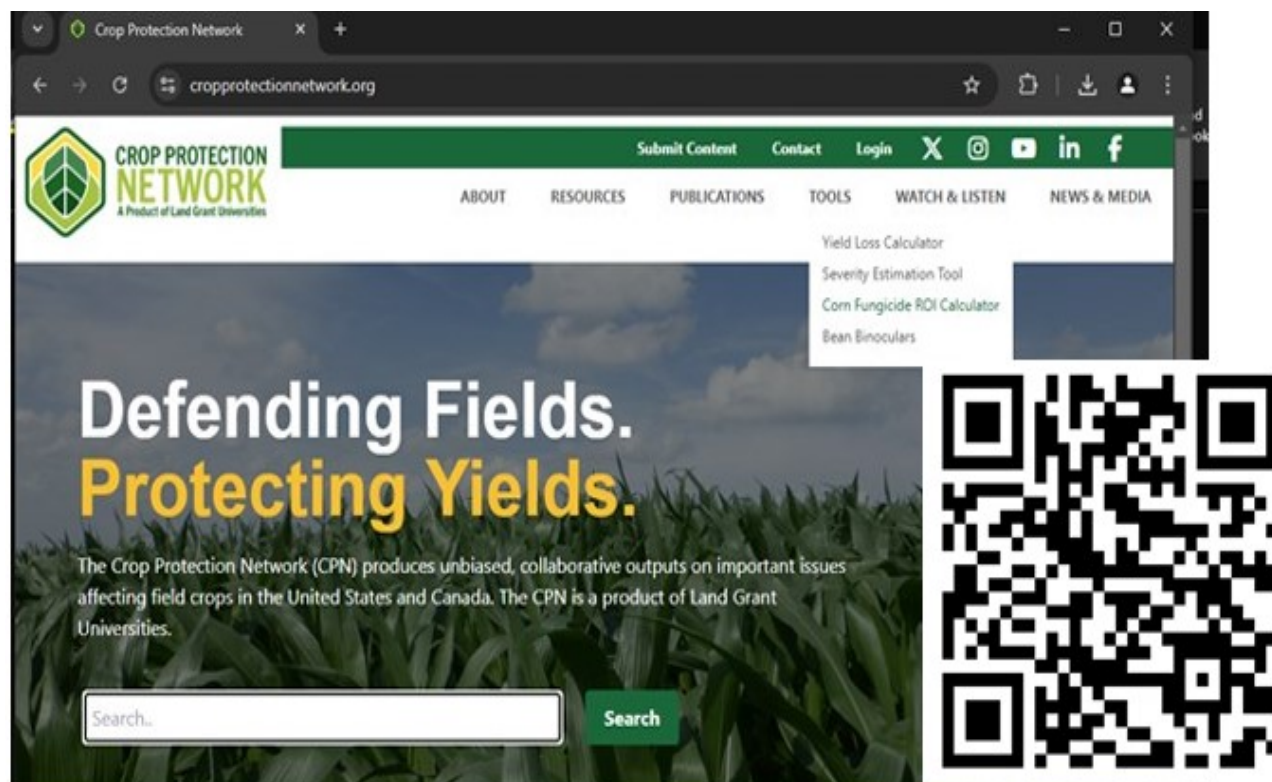
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## A New Tool to Help with Corn Fungicide Decisions in 2025

Dr. Kiersten Wise, UK Extension Plant Pathologist


Farmers and other stakeholders have a new resource to help them make fungicide input decisions in corn. The interactive Corn Fungicide ROI Calculator is available through the Crop Protection Network website, <https://cropprotectionnetwork.org/fungicide-roi-calculator>. This calculator uses multiple years of University corn fungicide datasets from across 19 U.S. states and Ontario Canada to help predict the probability of a positive return on investment (ROI) for a range of fungicide products and economic scenarios in corn.



The tool, built in collaboration with the Crop Protection Network and the University of Wisconsin Madison Data Science Institute, has over 1,100 data points and multiple Kentucky trials incorporated into the data set used for analysis. Southern rust and tar spot were prominent diseases in many of the trials included in the data set, which also increases the relevancy to Kentucky farmers, as these are diseases that can be economically important in Kentucky. The tool can be customized to reflect the user's expected yield, contracted or expected corn pricing, and actual fungicide costs from retailers or industry representatives. These customized numbers are used to calculate real estimates of ROI and the breakeven probability of specific products and expected yields, based on robust fungicide data sets. Results are based on a single fungicide application that occurs at tasseling/silking (VT/R1). The calculator will be updated annually with additional University data sets, improving its prediction accuracy and relevance over a broad geography. For questions on the calculator, contact Kiersten Wise, Extension Plant Pathologist at [Kiersten.wise@uky.edu](mailto:Kiersten.wise@uky.edu)

Figure 2. Example ROI calculated for an expected yield of 200 bushels per acre and an expected commodity sale price of \$4/bushel at a range of default fungicide prices.

## A New Tool to Help with Corn Fungicide Decisions in 2025, Continued:



**CROP PROTECTION NETWORK**  
A Product of Land Grant Universities

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PUBLICATIONS
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# Corn Fungicide ROI Calculator

**Fungicide ROI Calculator (Beta)**

**Crop Characteristics**

Disease Severity:

I'd like to enter a custom disease severity %

Expected Yield  
 bushels per acre

Expected Commodity Sale Price  
 per bushel

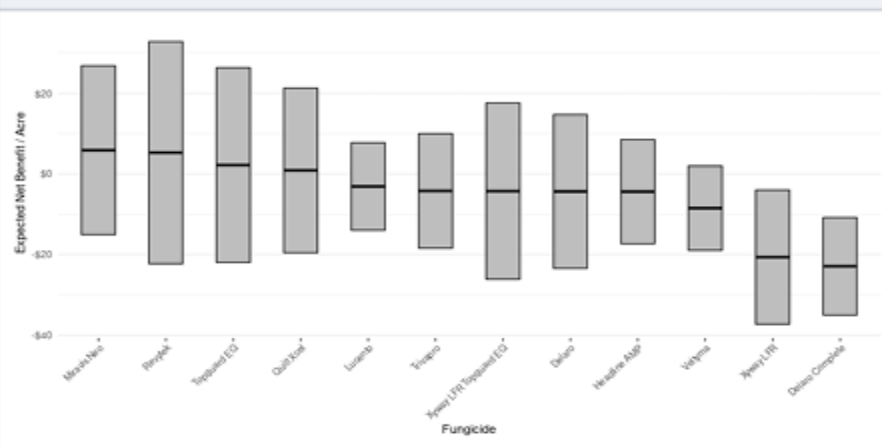
**Treatment Costs per Acre**  
Results will update after a short delay

<b>Delaro:</b>	<b>Revytek:</b>
<input type="text" value="\$ 29.84"/>	<input type="text" value="\$ 30.94"/>
<b>Delaro Complete:</b>	<b>Topguard EQ:</b>
<input type="text" value="\$ 37.42"/>	<input type="text" value="\$ 25.56"/>
<b>Headline AMP:</b>	<b>Trivapro:</b>
<input type="text" value="\$ 20.5"/>	<input type="text" value="\$ 29.59"/>
<b>Lucento:</b>	<b>Veltyma:</b>
<input type="text" value="\$ 24.53"/>	<input type="text" value="\$ 28.87"/>
<b>Miravis Neo:</b>	<b>Xyway LFR:</b>
<input type="text" value="\$ 30.66"/>	<input type="text" value="\$ 28.22"/>

Search:

Fungicide	Treatment Cost	Expected Net Benefit/Acre	Breakeven Probability
Miravis Neo	\$30.66	\$5.86	48.80%
Revytek	\$30.94	\$5.25	47.50%
Topguard EQ	\$25.56	\$2.18	52.20%
Quilt Xcel	\$19.38	\$0.85	57.10%
Lucento	\$24.53	-\$3.12	51.80%
Trivapro	\$29.59	-\$4.23	48.20%

Showing 1 to 6 of 12 entries Previous   Next



### Upcoming Events

#### 2025 CPH60 Sale Dates

Feb 20  
Apr 24  
Aug 14  
Dec 4

#### Homesteading Conference

May 3, 2025  
Hopkins Co Extension Office  
More information to Come

#### Mother's Day Mommy and Me Sundae Flower Class

May 6, 2025  
More Information to Come

### Mother's Day Liz Barn Quilt

May 10, 2025  
More Information to Come

#### UKY Wheat Field

May 13, 2025  
More information to Come

#### Pest Management Field Day

June 26, 2025  
More information to Come

#### Corn, Soybean & Tobacco Field Day

July 22 or July 29, 2025  
More information to come



Lunch & Learn

UK Cooperative Extension Service

# Heart Health

**February 12, 2025**

Union County Extension Office

(1938 US Highway 60 West, Morganfield, KY 42437)

Screenings start at 11:30AM

Lunch and speakers start at 12:00PM

## Guest Speakers

**Shanna Thomas, Registered Dietitian**

**Dr. Isaac Ervin, Physical Therapist**



**Must sign up by contacting the Union County Extension Office at 270-389-1400.**

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Lexington, KY 40506



Disabilities accommodated with prior notification.

## Know your Winter Weeds and How to Control Them

Dr. Jimmy Henning, UK Extension Specialist

Winter weeds are a common problem in Kentucky pastures. Most do not realize that these weeds are often up and growing now. These plants can be very competitive with our perennial cool season grasses, especially in new seedings. These weeds can be recognized easily. This article will focus on five very common winter weeds of pasture: buttercup, common chickweed, henbit, purple deadnettle and poison hemlock.

### Weed Identification

Buttercup is the common name for several *Ranunculus* species that are short lived perennials. Most often, we are not aware of buttercup until its yellow flowers appear. Once you see the yellow flowers, buttercup will produce seed. Right now, buttercup is present in pastures as individual or clumps of plants (Fig. 1). Leaves are shiny and lobed. Buttercup can be toxic to livestock. The risk for toxic effects are low since buttercups are not palatable and grazing animals rarely consume them if other forage is available. The toxin is found in the leaves and stems, and flowering plants contain more of the toxin than younger plants. The drying process in haymaking eliminates the toxic agent. Mowing is usually ineffective for controlling buttercups; however, buttercups are easily controlled with several herbicides.



## Know your Winter Weeds and How to Control Them, Continued:

Common chickweed (*Stellaria media*) is a winter annual with smooth, oval-shaped leaves with pointed tips that grow opposite each other (Fig. 2). Common chickweed typically grows close to the ground and often forms a dense mat. Henbit and purple deadnettle are winter annual species of the same genus (*Lamium*) and are frequently confused with each other. Henbit leaves (Fig. 3) are more lobed than deadnettle, which tend to look heart shaped (Fig. 4). Henbit flowers are pink to red and occur in clusters in the upper leaf stalks. Purple deadnettle flowers occur near the tops of the plant and are less purple than henbit flowers. The most striking difference is that the purple deadnettle's upper leaves and stems are very red in appearance compared to henbit. Poison hemlock is a toxic plant actively growing now in many pastures (Fig. 5). Hemlock is aggressive and can overtake areas if uncontrolled. Although not usually grazed, poison hemlock can be poisonous to livestock, particularly when other forages are limited or when present in large quantities in hay. Cattle, goats and horses are considered to be most susceptible to toxicity. In addition, poison hemlock can crowd out desirable plants in areas where it becomes established.



**Control Options** The UK publication 'Broadleaf weeds of Kentucky pastures' (AGR-207) is one of the best places to start in developing a control strategy. This simple two-page publication is available at your local extension offices or download the full color version at <http://www2.ca.uky.edu/agc/pubs/AGR/AGR207/AGR207.pdf> . To utilize the herbicide table, locate the weed to be controlled, note the time(s) of most effective control and find the herbicide choice(s) that give good control. All of the weeds in this article are poorly managed by mowing, but many herbicide choices are available. February and March are good times for chemical control, but herbicides need two or three days of 50o F daytime temps after spraying for best results. To make sure you can take advantage of a possible spraying opportunity, purchase your desired product now and make sure spraying equipment is working and calibrated. As with any herbicide, always read and follow label instructions. Right now, winter pasture weeds are present but are small and sometimes overlooked. Weeds like those in this article can be identified with a little practice. Early identification along with timely herbicide application can give you a head start on cleaner spring pastures.



## **What to Bring to your Accountant**

Dr. Brian E. Mills, Dr. Kevin Kim and Dr. Kitty Charlton, MSU Extension

Financial record keeping is an important aspect of farming. Tracking how your farm is doing over time can help you diagnose any potential issues that may arise. Having an accountant can help you understand how your farm is doing financially and prepare your tax returns. To save time and money, it is essential to provide your accountant with accurate records that reflect what actually happened on your farm. Mislabeling an income or expense can lead to incorrect categorization that will take your accountant more time to correct and/or could create a higher tax bill.

You know your farm better than your accountant, and the more detailed records you have on your farm, the better they are going to be able to help you prepare your financial documents. The following are some tips to make your records more organized for your accountant:

1. Keep business and personal expenses separate.
  - If the farm bank account is used for a personal expense, make a note of it.
  - In a sole proprietorship or general partnership, what is personal and business use might be unclear, so it is useful to track all income and expenses.
  - In a limited partnership, limited liability company (LLC), or corporation, you must use separate accounts for personal and business use.
2. Record information on each income and expense transaction.
  - Each income transaction should have the following: Date, Reference Number, Purchaser, Amount Deposited, and the Type of Income.
  - Each expense transaction should have the following: Date, Check/Reference Number, Payee, Amount Paid, and the Type of Expense.
    - Write legibly on checks and leave a note in the memo line as to the purpose of a purchase.
  - Clear and detailed information on each check will help you and your accountant decide how to categorize checks for tax or management purposes.
3. Have the principal and interest payment figures separated for any fixed asset loans.
  - This can be found on the last statement of the year or a 1099 from the entity you are paying.
4. For any contract laborer who is paid more than \$600 within the tax year or any employee for whom you pay payroll taxes, your accountant will need that person's social security number and address to file a 1099 or W-2 form for those workers on your behalf.
  - Consult your accountant for information on paying the proper payroll taxes for any farm worker.

This list is just a starting point for what you need to think about before visiting your accountant. Again, you know your farm better than your accountant, so the more information you can bring to your accountant, the better they will be able to help you. This will save both your accountant's time and your money. It will also allow you to get a better understanding of how your farm is doing financially. In both good and tough years, it is important to know your full financial situation so that you can plan accordingly.



# 23rd Annual Union County Bull Sale

## February 8, 2025

### 36 BULLS

All bulls have passed a Breeding Soundness Evaluation within 45 days of the sale  
All Bulls have been DNA tested / Genomic Enhanced EPDs

#### Breeds Represented:

Angus (28) / Sim-Angus (5) / Red Angus (2) / Hereford (1)

#### COME VISIT OUR TRADE SHOW

\$50 Credits for bull purchases to given away prior to sale

#### LOCATION

Union County Expo Center - Inside the John A. Arnold Arena - Sturgis, KY  
1 Mile West of Sturgis on Hwy 60  
125 Pryor Boulevard, Sturgis, KY 42459

#### CONTACTS

Caleb Jenkin, Sale Manager (270-952-0767)  
Ben Lloyd, Kentucky Beef Network (270-993-1074)  
Katie Hughes, Union County Extension Agent (217-891-0947)

#### SALE INFORMATION

Bulls and Trade Show will be on display at 10:00 A.M.  
Lunch Served at 12:00 P.M.  
CAIP Education Program 12:45PM  
Bulls will sell at 1:00 P.M.  
(All Central Time)

**Meal By: Livingston County Livestock, INC**

\*\*\*Check out our Facebook Page (Union County Bull Sale) or scan below for videos\*\*\*





<u>Lot</u>	<u>Owner</u>	<u>Breed</u>	<u>Site</u>	<u>DOB</u>	<u>CE</u>	<u>WW</u>	<u>YW</u>	<u>Docility</u>	<u>Milk</u>	<u>Registration</u>	<u>CAIP</u>
1	Kevin Martin	Angus	G A R Refresh	8/24/2021	12	73	128	25	41	20433230	
2	Rudy Byler	Red Angus	OCC Daylight 848D	3/10/2022	16	49	81		29	4753249	
3	Renee Grove	Hereford	CF CRAWFORD BLUEPRINT 1901	4/2/2022	3.1	69	111		27	44381869	
4	Danny Gray	Sim-Angus	JBS Big Casino 336Y	12/22/2022	14.6	72.7	118.1	14.2	17.1	4440927	
5	Danny Gray	Angus	SydGen Enhance	1/6/2023	11	80	147	23	22	21128747	
6	Danny Gray	Angus	LAR Man In Black	2/17/2023	9	74	127	11	23	21128748	
7	Danny Gray	Angus	SydGen KCF Gavel 8361	2/25/2023	12	79	134	21	32	21128746	
8	Ben Lloyd	Angus	Tehama Patriarch F028	8/24/2023	13	70	129	16	35	21058816	
9	JS Cattle	Angus	SITZ Dignity 5991	8/30/2023	3	60	105	9	22	21146847	
10	Ben Lloyd	Angus	Tehama Patriarch F028	8/31/2023	6	79	141	9	29	21058812	
11	Tim Gardner	Angus	LAR Man In Black	9/2/2023	12	73	137	21	27	20892878	
12	Tim Gardner	Angus	EXAR Stock Fund 9097B	9/2/2023	10	85	137	23	23	20892879	
13	JS Cattle	Angus	LAR Man In Black	9/5/2023	5	80	145	23	26	21076784	
15	Ben Lloyd	Angus	Tehama Patriarch F028	9/8/2023	18	67	128	20	28	21058807	
16	Ben Lloyd	Angus	Tehama Patriarch F028	9/10/2023	12	77	149	14	31	21058806	
17	Danny Gray	Angus	SITZ Milestone	9/11/2023	6	72	130	14	23	21126204	
18	Danny Gray	Angus	B A R Dynamic	9/12/2023	13	75	131	16	31	21132211	
19	Jimmy Gilles	Angus	HV Black 6816 5920	9/13/2023	4	84	152	23	30	20955716	
20	JS Cattle	Angus	Square B True North 8052	9/14/2023	10	59	108	23	41	21076584	
21	Danny Gray	Angus	B A R Dynamic	9/14/2023	10	85	152	3	26	21126206	
22	Danny Gray	Sim-Angus	ASR Longevity Y184	9/15/2023	11.1	77.1	123.4	11.8	23.6	4440928	
23	Donna Threlkeld	Angus	Tehama Patriarch F028	9/16/2023	9	68	130	9	31	21101709	
25	JS Cattle	Angus	Square B True North 8052	9/21/2023	8	60	100	14	32	21076585	
26	Danny Gray	Angus	SydGen Enhance	9/23/2023	12	78	136	27	37	21126207	
27	Jimmy Gilles	Angus	Woodhill Comstock	9/28/2023	12	57	113	25	40	20957148	
28	Danny Gray	Angus	B A R Dynamic	10/3/2023	-4	87	152	17	26	21129202	
29	Jimmy Gilles	Angus	HV Black 6816 5920	10/11/2023	2	66	116	30	28	20955722	
30	Danny Gray	Angus	SITZ Milestone	10/11/2023	5	66	118	28	25	21126209	
31	Matt Settles	Angus	Kesslers Commodore 6516	10/13/2023	7	79	140	24	29	21144348	
33	Danny Gray	Angus	LAR Man In Black	10/16/2023	11	88	164	24	27	21126208	
34	Lake Mason	Sim-Angus	ELF MR FERNANDO F901	10/23/2023	12.5	68.7	108.2	12.6	17.4	4368106	
35	Jeff Pettit	Sim-Angus	5L Defender 560-30Z	10/24/2023	11	68	107		20	4992461	
36	Lake Mason	Sim-Angus	ELF MR FERNANDO F901	10/27/2023	13.5	66.4	104.9	13.9	20.3	4368103	
37	Jeff Pettit	Red Angus	Feddes One Kind 806-E220	11/7/2023	13	83	133		28	4953060	
38	Danny Gray	Angus	Kesslers Commodore 6516	11/8/2023	9	76	133	30	21	21126205	
39	Matt Settles	Angus	B A R Dynamic	11/19/2023	11	92	161	14	27	21144351	

CAIP BT- Balanced Trait Bull, CAIP T- Terminal Bull

As of 1-13-25

## **Timely Topics**

Dr. Les Anderson, UKY Extension Specialist

### Spring Calving Cow Herd

- Study the performance of last year's calf crop and plan for improvement. Plan your breeding program and consider a better herd sire(s). Select herd sires which will allow you to meet your goals and be willing to pay for superior animals.
- Consider vaccinating the cows to help prevent calf scours.
- Keep replacement heifers gaining to increase the probability of puberty occurring before the start of the spring breeding season.
- Start cows on the high magnesium mineral supplement soon. Consider protein supplementation if hay is less than 10% crude protein. If cows are thin, begin energy (grain) supplementation now. Cows must reach a body condition score of 5 before calving to maximize their opportunity for reproductive success. Supplementation now allows adequate time for cows to calving in adequate body condition score.
- Get ready for the calving season! See that all equipment and materials are ready, including obstetrical equipment, record forms or booklets, ear tags, scales for obtaining birthweights, etc. Prepare a calving area where assistance can be provided easily if needed. Purchase ear tags for calves and number them ahead of time if possible. Plan for enough labor to watch/assist during the calving period.
- Move early calving heifers and cows to pastures that are relatively small and easily accessible to facilities in case calving assistance is needed. Keep them in good condition but don't overfeed them at this time. Increase their nutrient intake after they calve.

### Fall Calving Cow Herd

- Provide clean windbreaks and shelter for young calves.
- Breeding season continues. Keep fall calving cows on accumulated pasture as long as possible, then start feeding hay/grain/supplement. Don't let these cows lose body condition!
- Catch up on castrating, dehorning and implanting.

### General

- Feed hay in areas where mud is less of a problem. Consider preparing a feeding area with gravel over geotextile fabric or maybe a concrete feeding pad. Bale grazing is an option for producers to help control mud while spreading nutrients across pastures.
- Increase feed as the temperature drops, especially when the weather is extremely cold and damp. When temperature drops to 15°F, cattle need access to windbreaks.
- Provide water at all times. Cattle need 5 to 15 gallons per head daily even in the coldest weather. Be aware of frozen pond hazards. Keep ice "broken" so that cattle won't walk out on the pond trying to get water. Automatic waterers, even the "frost-free" or "energy-free" waterers can freeze up in extremely cold weather. Watch closely.
- Consider renovating and improving pastures with legumes, especially if they have poor stands of grass or if they contain high levels of the fescue endophyte. Purchase seed and get equipment ready this month.

## **Winter Weather Resources**

Here are some extension sources for winter weather. You can always stop by the office to get these sources as well.


<https://anr.ca.uky.edu/disasterpublications>

[Ice Damage | Kentucky Woodlands Storm Damage](#)

<https://equine.ca.uky.edu/content/uk-ag-weather-center-provides-weather-info-farmers>



# Adult Country Ham Program

 Cooperative Extension Service

Learn the art of curing your own country ham! A fun program to learn the process and heritage of the country ham!



Program will be held at Meacham Hams House and you will be able take that ham home after the program.

Cost \$75 will cover cost of ham, curing process, and meal at the end of the program.

Spots are limited! To sign up stop by either Henderson or Union County Extension Office.  
Deadline is January 30, 2025

For more information contact:

Jessica James, Henderson Co ANR Agent 270-826-8387

Or


Katie Hughes, Union Co ANR Agent 270-389-1400

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# Planning for the Future

 Cooperative Extension Service

FEB 3, 2025  
LIFE INSURANCE, UNION CO FARM BUREAU  
FUNERAL PRE-PLANNING, WHITSELL FUNERAL HOME

FEB 20, 2025:  
ESTATE PLANNING, KT WILLIAMS LAW PLLC

ALL MEETINGS WILL START AT 5:30PM  
AT THE UNION COUNTY EXTENSION OFFICE  
LIGHT REFRESHMENTS WILL BE PROVIDED.  
FREE TO ATTEND!!

THESE MEETING ARE DESIGNED TO JUMP-START YOUR FAMILY DISCUSSION.

TO SIGN UP CALL THE UNION COUNTY  
EXTENSION OFFICE: 270-389-1400

FOR MORE INFORMATION CONTACT:  
KATIE HUGHES, UNION CO ANR AGENT  
KATIE.N.HUGHES@UKY.EDU  
OR  
SHEA HEADY, UNION CO FCS AGENT  
SHEA.HEADY@UKY.EDU



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## Nuisance Weed Spraying Program

**NUISANCE WEED SPRAYING PROGRAM** - The Kentucky Department of Agriculture will be offering the Noxious Weed Spraying Program to farmers again this year. The guidelines will be the same as they have been in the past few years with KDA furnishing chemical for demonstrations on seven (7) farms per county. As in the past, any farm or farm owner that has participated in the last three (3) years is ineligible to participate. Signups will again be taken during the month of February ONLY and must be made using the application on the KDA web page.

This program consists of weed spraying demonstration plots. The department will provide the sprayer and enough chemical for the treatment of 10 acres of agricultural land or 100 gallons of spot spraying mix to be used on agricultural land. The department's representative will demonstrate proper mixing and application techniques. A number of nuisance weeds can be treated under this program depending on the needs of the participant. This program is limited to broadleaf weeds.

Broadcast Spraying demonstration plots consist of:

- 10 acres of agricultural land will be treated with chemical provided by the department
- Application is performed with a two-wheeled trailer type sprayer equipped with boomless nozzles
- If additional chemical is provided by the participant, an additional 10 acres can be treated

Spot Spraying demonstration plots consist of:

- 100 gallons of broadleaf chemical mix which is applied until sprayer is empty
- Application is performed with a two-wheeled trailer type sprayer equipped with a handheld spray wand used by the tractor operator
- If additional chemical is provided by the participant, an additional 100 gallons can be sprayed

For each demonstration:

- The participant must provide water source
- The participant must provide tractor and operator
- All chemical products must be labeled and the product label will be strictly followed
- A maximum of 7 participants per county

This program is designed to target weeds that have a negative impact on the participant's agricultural production. There will be an annual online application period to participate in this program. You may submit an application using our on-line services (located in the top menu bar) from February 1 to February 28 of each year.

<https://www.kyagr.com/consumer/nuisance-weed-spraying-program-application.aspx>



# 2025 Kentucky Agriculture Training School Schedule

## March 20: Drone Sprayer Training

*This class is designed for agricultural professionals and producers to learn about dispensing fungicides with drone sprayers, nozzle selection and droplet sizes, and information for certified commercial/non-commercial and private applicators.*

## April 10: Soil Properties Workshop

*We will examine soil pits with distinctly different profile properties to discuss how they will influence water and nutrient retention and delivery.*

## May 15: Crop Scouting Workshop

*Training is comprised of individual scouting sessions in the areas of disease, growth staging, weed identification, and soil nutrition. This is a beneficial workshop for new and experienced producers, agriculture interns as well as a great refresher for others.*

## June (TBD): Planter Clinic

*Review and identify consequences on plant performance that resulted from improper planter settings.*

## July 24: KY High School Crop Scouting Competition

*Teams of 4-6 high school students will compete in hands-on, interactive field scouting exercises related to corn, soybean and tobacco rotating through various stations.*

## August 28: Field Crop Pest Management and Spray Clinic

*A hands-on workshop that will cover spray technology, fungicide application, herbicide symptomology, and more.*

More information and links to register for each training will be updated at [kats.ca.uky.edu](http://kats.ca.uky.edu) as they become available.



**UK** Cooperative  
Extension Service

## Planning your garden

Winter is an excellent time for planning next year's garden. Take advantage of these tips to help you get started!

- Look back at the previous growing season. What worked and what didn't?
- List the plants you intend to grow and consider where they will be planted.
- Ask yourself if there are other varieties that you would like to try.
- Determine where you want to get seeds from. If you are unsure, contact your local county extension agent.

**More Information**  
[extension.ca.uky.edu](http://extension.ca.uky.edu)

*Source: Kathryn Pettigrew and Rachel Rudolph  
An Equal Opportunity Organization.*

# The 35% Women In Ag Conference

 Cooperative  
Extension Service

## MARCH 14, 2025

### UNION COUNTY EXPO CENTER

125 PRYOR BLVD, STURGIS, KY

**8AM-1PM**  
**COST \$30.00**

INCLUDES MATERIALS, LUNCH AND T-SHIRT

TOPICS WILL BE ON GRAIN, LIVESTOCK AND  
HORTICULTURE

DEADLINE TO SIGN UP: FEB 14, 2025  
SPACE IS LIMITED FOR THIS CONFERENCE

CONTACT ONE OF THESE AG AGENTS FOR MORE  
INFORMATION:

DEE HEIMGARTNER, CRITTENDEN CO. 270-965-5236

JESSICA JAMES, HENDERSON CO. 270-826-8387

VICKI SHADRICK, WEBSTER CO. 270-639-9011

KATIE HUGHES, UNION CO. 270-389-1400

CONFERENCE HOSTS:



Crittenden  
County



Henderson  
County



Webster  
County



Union  
County

35% OF PRODUCERS ARE  
WOMEN IN KENTUCKY

Cooperative  
Extension Service  
Agriculture and Natural Resources  
Family and Consumer Sciences  
4-H Youth Development  
Community and Economic Development

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physical or mental disability or special condition for program or activity. Kentucky Cooperative Extension programs  
may be available with your device. Program information may be made available in languages other than English.  
University of Kentucky, Kentucky State University, US Department of Agriculture, and Kentucky Counties, Cooperating  
Lexington, KY 40546





# THE 35% WOMEN IN AG CONFERENCE REGISTRATION FORM

---

Name:

Address:

Email:

Contact Number:

Occupation:

Food Allergies:

Please circle which best describes your background (can circle more than one):

Grain  
Production

Livestock

Horticulture

Please write your t-shirt size:

Payment Due: FEB 14, 2025

Registration Form And  
Payment Can Be Mailed Or  
Dropped Off At Any Host  
County Extension Office

Please Make Check Payable To:  
Union County Extension Office

For More Information Contact  
One of these Ag Agents:

Dee Heimgartner, Crittenden Co.  
270-965-5236

Jessica James, Henderson Co.  
270-826-8387

Vicki Shadrick, Webster Co.  
270-639-9011

Katie Hughes, Union Co.  
270-389-1400

**Extension Office will be  
Closed:**

Jan 20,2025

*Katie Hughes*  
**Katie Hughes**

**UK-Union Co Extension**

**ANR Agent**

**270-389-1400**

**Katie.n.hughes@uky.edu**

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Union Co Cooperative Extension Service  
1938 US Highway 60 West  
Morganfield, KY 42437-6246

RETURN SERVICE REQUESTED

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