

**CARTER COUNTY**  
**AGRICULTURE & NATURAL RESOURCES**  
**NEWSLETTER**



University of Kentucky  
College of Agriculture,  
Food and Environment  
Cooperative Extension Service

Carter County

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

## February 2023 Upcoming Events

\*Denotes events where preregistration is required. Call 474-6686 or email [Rebecca.k@uky.edu](mailto:Rebecca.k@uky.edu) to register.\*

- February 2 @ 10:00 AM    **\*Beef Quality Care & Assurance Training—Extension Office\***
- February 2 @ 5:30 PM    **\*Private Pesticide Applicator Training—Extension Office\***
- February 6                **Deadline to complete Ag Census**
- February 7 @ 3:00 PM    **\*Poultry Webinar—Online\***
- February 7 @ 6:00 PM    **Little Sandy Beekeepers— Extension Office**
- February 13 @ 4:00 PM   **Ag Advancement Council—Extension Office**
- February 14 @ 8:00 PM   **\*Beef Webinar—Online\***
- February 23 @ 10:00 AM **Tobacco GAP Training—Mt. Sterling**
- February 23 @ 5:30 PM   **\*Woods & Wildlife for Your Wallet—Greenup Co. High School\***
- February 27 @ 4:30 PM   **Deadline to Order Strawberry, Raspberry & Blackberry Plants**
- February 28 @ 6:00 PM   **Northeast Area Livestock Association Meeting—Extension Office**
- March 1 @ 6:00 PM        **Tobacco GAP Training—Maysville**
- March 2 @ 1:00 PM        **Hike & Learn—Cascade Cave Flashlight Tour—Carter Caves**
- March 7 @ 6:00 PM        **Little Sandy Beekeepers— Extension Office**
- March 16 @ 10:00 AM     **\*Beef Palpation Clinic—Extension Office & Suttles Farm\***
- March 20 @ 2:00 PM       **\*Private Pesticide Applicator Training—Extension Office\***
- March 20 @ 6:30 PM       **Farmer's Market Vendor Training—Extension Office**
- April 1 @ 9:00 AM        **\*Sheep & Goat Predator Control Workshop—Extension Office & Knipp Farm\***

Enjoy your newsletter,

Rebecca Konopka,  
Carter County Extension Agent for Agriculture & Natural Resources Education



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LEXINGTON, KY 40546



Disabilities  
accommodated  
with prior notification.

## Northeast Area Livestock Association Meetings

**February 28<sup>th</sup> @ 6:00 PM**

Speaker: Dr. Wes Whitley, Bluegrass Animal Clinic & Sherri Chapman, Multimin USA

Topic: Livestock Antibiotic Changes & Multimin Presentation

Meal Sponsored by: Multimin

**March 28<sup>th</sup> @ 6:00 PM**

Speaker: Dan Miller, KY Beef Network



## Little Sandy Beekeepers Association Meetings

**February 7<sup>th</sup> @ 6:00 PM**

Planning for the Club Year

**March 7<sup>th</sup> @ 6:00 PM**

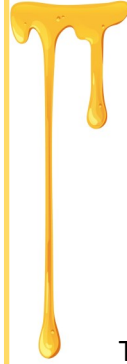
Speaker: Dorothey Morgan

Topic: Finding Swarms

**April 4<sup>th</sup> @ 6:00 PM**

Speaker: Caroline Kane

Topic: Viruses & Nutrition Supplements



## Farmer's Market Vendor Training—Senior & WIC Vouchers

**March 20<sup>th</sup> @ 6:30 PM**

This annual training is required for anyone who plans to accept Senior, WIC, & Double Dollar vouchers at the Carter County Farmer's Market in 2023.

Immediately following the training we will have a planning discussion for marketing ideas and events for the 2023 season.



## Beef Webinar

**February 14<sup>th</sup> @ 8:00 PM - Where is the cheap feed?** Dr. Jeff Lehmkuhler will discuss feeding strategies to mitigate current high feed costs. We will also get a market update from Dr. Kenny Burdine.

If you have not previously registered for any of the beef webinars email [dbullock@uky.edu](mailto:dbullock@uky.edu) with Beef Webinar in the subject line and your name and county in the message.



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## Beef Palpation Clinic

**March 16<sup>th</sup> @ 10:00 AM**

**Carter County Extension Office**

**Call 474-6686 to register. Space is limited.**

**Come join us to learn how to pregnancy check cattle via rectal palpation.**

### Agenda:

**10:00—Meet at Extension Office for Instructions**

**11:15—Lunch**

**11:45—Travel to Farm for Hands-on Experience**

**\*\*Palpation (and any other veterinary practice) may only be performed on your own farm with your own animals without a veterinary license.\*\***



**First Thursday of the Month**  
**March 2<sup>nd</sup> @ 1:00 PM**  
**Carter Caves State Resort Park**  
**Cascade Cave Flashlight Tour**


\*Meet in the Cascade Cave Parking Lot.  
 \*Flashlights will be provided.  
 \*Wear closed-toe shoes and bring your own snacks & drinks.

Walking Distance & Difficulty: 3/4 mile with 225 steps, some stooping  
 Duration: ~75 minutes  
 Temperature: 50-60 degrees  
 Highlights: large passageways, grandeur formations, 30+ foot underground waterfall


**Next Month's Hike: April 6<sup>th</sup> @ 1:00 PM**  
**Carter Caves Natural Bridge & Stream Stomp**

Sign up to receive Hike & Learn reminders, updates, and cancellation notifications by scanning this code. All Hike & Learn activities are free.



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**Predator Control & Guard Animal Management Workshop & Dinner**



**Who:** Carter & Elliott County Extension Service and the Southeast Kentucky Sheep Producers Association (SEKSPA).

**When:** Saturday, April 1, 2023. Registration is from 8:30-9:00. At 9:00 am we will leave in convoy to an on-farm demonstration.

**Where:** Registration is at the Carter Co Extension Office at 94 Fairground Drive, Grayson, KY and the on-farm demonstration and then return to the Extension Office for lunch and classroom instruction.

**Co-sponsored by:** Tarter & Paris Stockyards.

**Featured Speakers:** UK Wildlife Specialist Dr. Matt Springer, KDA Veterinarian Dr. Beth Johnson and experts in guard animal management, predator hunting/snaring and coyote/bobcat trapping.

**Registration Required. Please register by calling the Carter County Extension Office at 606-474-6686 by March 20<sup>th</sup>.**

**\$15.00 per family (+\$5.00 for each child over 12). Your registration fee will include a delicious lamb lunch with sides and a One-Year Membership to SEKSPA**

*This workshop qualifies for CAIP education credits*

**Poultry Webinars**

**Reproductive issues with small and backyard poultry flocks** - February 7<sup>th</sup> @ 3:00 PM  
**Raising turkeys in small and backyard flocks** - March 7<sup>th</sup> @ 3:00 PM

Visit <https://poultry.extension.org/webinars/> to register.




**Tobacco GAP Options**

Option 1: Growers will have the opportunity to complete 2023 Annual GAP Training online through GAP Connection on their Grower Dashboard. Online training will offer growers the opportunity to complete training at their leisure on their time schedule from their home or farm office. A variety of crop and environmental and labor management video modules will be available for growers to choose. Growers must watch a certain number of the videos and complete a short quiz for each video to receive credit for training. Online Annual GAP Training launched on January 18, 2023. Growers need to log in on their grower dashboard and complete the required number of modules.

Option 2: In-person meeting. GAP connections has set up a limited number of in-person meetings in Kentucky. The closest trainings to us are:

February 23rd @ 10:00 AM —Mt. Sterling & March 1st @ 6:00 PM—Maysville



## Farm Service Agency News

Christin Herbst—County Executive Director—Grayson & Vanceburg USDA Service Centers

**New Programs Released – Emergency Relief Program (ERP) Phase 2 and Pandemic Assistance Revenue Program (PARP)** - There are two new programs that FSA has released information. We will refer to them as ERP Phase 2 and PARP. Both of these programs are revenue-based. ERP Phase 2 focuses solely on crops, however, PARP focuses on crops AND LIVESTOCK. In short, if crop or livestock producers suffered at least a 15% loss in gross revenue in calendar year 2020 when comparing to either year 2018 or 2019 (whichever loss is greater), they need to contact us and sign up. Producers will need to utilize their Schedule F to determine these losses. We've been told these are the final pandemic programs we will administer. The sign-up period for both ERP Phase 2 and PARP is January 23 – June 2, 2023.

**Changes to Insurance and Disaster Programs**—FSA has released some changes to some of our regular programs. For our Non-insured Crop Disaster Program (NAP), which is an insurance option that can provide a payment to crops lost due to a natural disaster, every producer that is in our FSA system that is considered “Socially Disadvantaged” can get automatic coverage for free. Socially Disadvantaged farmers are considered groups that have been subject to racial, ethnic, or gender prejudice because of their identity—racial minorities, Hispanics, and women. The free coverage can also apply to limited resource farmers, beginning farmers, and veterans (must have first obtained status as a veteran during the most recent 10-year period).

**Agricultural Risk Coverage/Price Loss Coverage (ARC/PLC) 2023 Enrollment is now Open!** Contact the Grayson USDA Service Center, (606) 474-5183, to enroll your base acres in ARC/PLC for 2023. The deadline to enroll is March 15, 2023.

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## Kentucky Sales Tax on Utilities

Jerry Pierce. *Economic and Policy Update* (23):1, Department of Agricultural Economics, UK, Jan 10, 2023.

A legislative change was made to the qualifications for residential use exemption from sales tax on utilities. Effective January 1, 2023, the resident at a specific service address is responsible for declaring it as their place of domicile and the utility services exempt for residential use. Kentucky sales tax will be charged for utility services furnished to any location that is not your place of domicile, even if it was formally classified as residential. The 6% sales tax applies to the sale of water and sewer, electricity, and heating gas and fuels used or delivered.

“**Place of domicile**” is your primary residence. The legislation says it is “the place where an individual has his or her legal, true, fixed, and permanent home and principal establishment, and to which, whenever the individual is absent, the individual has the intention of returning.”

The residential use exemption applies to all utilities serving the primary residence. Generally, everything on the meter or the tank that serves your primary residence qualifies for the exemption.

In general, an existing customer with only one service address should not be contacted by the utility providers. The qualification for residential exemption will simply continue. If your utility provider requested you complete the Declaration of Domicile form follow the company’s instructions. Contact them if you have questions. If you have utility service for a second home, a separate farm or business, or other non-residential property you should fill out the form required by your utility providers to declare which meter serves your primary residence.

Multiple meters at your primary residence may qualify for the residential exemption. Separate meters for garages, outbuildings, security lighting, and other non-commercial uses that are a part of your residence could be exempt from the sales tax. Contact your utility providers.

Multiple properties you own may qualify for a residential exemption. Each property must be the place of domicile for different Kentucky residents and you must submit a certificate of domicile to the utility service providers for each separately metered account.

If farm buildings and the primary residence are on the same meter or tank and the utility service was previously classified as residential, you should continue to receive residential use tax treatment. If service is switched to separate meters or to another owner, only the primary residence will qualify for the residential use exemption.

**Farm Exemption**—Utility services to farms separate from the primary residence may be exempt from some utility sales tax. The Agriculture Exemption License Number makes qualified farms exempt from sales tax on natural gas, LP, and water used exclusively and directly in qualified farming operations. Provide a copy of your Ag Exemption Certificate to your utility providers to verify the exemption with them. The exemption for heating fuels does not apply to raising horses. There is a separate exemption for water only sold to a business raising horses. Use Form 51A157.

The Agriculture Exemption License Number *does not* include an exemption from sales tax on electricity. Farmers who pay utilities for a farm employee may qualify for the residential exemption. The employee must complete the Declaration of Domicile Form [51A380](#). If employees are housed in a multi-unit dwelling with a master meter, the farmer should complete the Landlord Declaration Form 51A381 and have each resident complete a Declaration of Domicile form. The residential exemption does not require the employee to pay directly for the utility services.

For more information, see the [Department of Revenue FAQ](#) at <https://tinyurl.com/2zzdnwvz>. Contact the Department of Revenue at 502-564-5170 or [DOR.Webresponsesalestax@ky.gov](mailto:DOR.Webresponsesalestax@ky.gov).

**\*Door Prize: Chain Saw**

## 2023 Forestry Event:

### Woods & Wildlife for Your Wallet

Thursday, February 23, 5:30PM—8:45PM  
Sign in and view exhibits at 5:00

**Free Sessions Include:**

- Deer Habitat
- Foraging Vs. Wildcrafting
- The Benefits of and Steps to a Prescribed Burn
- Cook Wild Kentucky: Preparing Wild Game
- Drones Used to Identify Invasive Species
- Carvings, Calls, and CNC
- Kentucky's Trees: How to Identify Them
- Invasive Species & Forest Stewardship
- Logging Best Management Practices (BMP's)

*Continuing credit hours (3) for Master Loggers*

**Location: Greenup County High School—Main Entrance**  
A Free dinner will be prepared by the Greenup County FFA, please phone (606) 473-3228 by Feb. 17 to register.

The February 6<sup>th</sup> deadline to complete the 2022 Census of Agriculture is coming up quickly. The questionnaire can be completed online, or via the paper form sent to a farmer's home. The Census is a complete count of U.S. farms and ranches and the people who operate them. Even small plots of land - whether rural or urban - growing fruit, vegetables, or some food animals count if \$1,000 or more of such products were raised and sold, or normally would have been sold, during the Census year. Learn more at [www.nass.usda.gov/AgCensus/](http://www.nass.usda.gov/AgCensus/).

## Weeds of the Month:

Each month this year, we'll feature common pasture weeds and the preferred time for herbicide treatment. Keep the charts on the next two pages handy throughout the year for the recommended chemical and mowing options.

Weeds to Target in February: Common Burdock, Buttercup, Common Chickweed, Chicory, Purple Deadnettle, Dock, Henbit, Bull Thistle, Musk Thistle, & Plumeless Thistle



# Broadleaf Weeds of Kentucky Pastures

*J.D. Green, Plant and Soil Sciences*



Spiny Amaranth



Buttercup



Cocklebur



Horsenettle



Tall Ironweed



Hemp Dogbane



Poison Hemlock



Marshelder



Common Milkweed



Jimsonweed



Sericea Lespedeza



Maypop Passionflower



Buckhorn Plantain



Perilla Mint



Multiflora Rose



Trumpet creeper



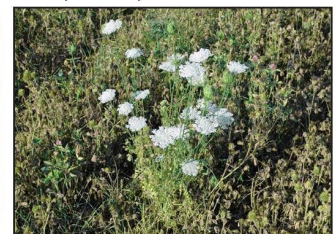
Canada Thistle



Common Ragweed



Lanceleaf Ragweed



Wild Carrot



Bull Thistle



Musk Thistle



Curly Dock



Chicory

# Response of Pasture Weeds to Herbicides and Mowing

Weed Species	Life Cycle <sup>1</sup>	Preferred Time for Herbicide Treatment <sup>2</sup>	2,4-D (various products)	dicamba (Clarity, etc.)	dicamba+ 2,4-D (Weedmaster etc.)	Crossbow	PastureGard	DuraCor	GrazonNext	Chaparral <sup>3</sup>	metsulfuron <sup>3</sup> (MSM60, Patriot, etc.)	Sharpen	MOWING <sup>4</sup>
Amaranth, Spiny (Pigweed)	A	May-July	F/G	F/G	G	G	F/G	G	G	G	G	-	X
Aster spp. (White Heath Aster)	A	July-Sept	F/G	G	G	G	-	-	-	-	F	P	R
Burdock, Common	B	Feb-Mar	G	F	G	G	G	G	G	G	F	P	R
Buttercup spp.	A	Feb-Mar	G	F/G	G	G	F	G	G	G	G	P/F	X
Carrot, Wild (Queen Anne's Lace)	B	May-June	F/G	F/G	F/G	F/G	F	G	G	G	G	P	R
Chickweed, Common	A	Nov or Feb-Mar	P	F/G	G	F	G	G	G	G	G	P/F	X
Chicory	P	Feb-Mar or Aug-Nov	F/G	F/G	G	G	G	G	G	G	F/G	P	R
Clover, White	P	May-Aug	F	G	G	G	G	G	G	G	G	P	X
Cocklebur, Common	A	May-July	G	G	G	G	G	G	G	G	G	G	R
Dandelion	P	Oct-Nov or Mar-Apr	G	G	G	G	F/G	G	G	G	G	P	X
Deadnettle, Purple	A	Feb-Mar	P	F/G	G	F	G	G	G	G	G	-	X
Dock, Curly or Broadleaf	P	Feb-Apr	P/F	F	F/G	G	F/G	G	G	G	G	P	X
Dogbane, Hemp	P	May-Aug	P/F	F	F	G	G	P/F	P/F	P/F	P	P	S
Garlic, Wild	P	Nov or Mar-Apr	F	F	F	F	P	F	F	F/G	G	P	X
Goldenrod spp.	P	June-Aug	F	F/G	F/G	G	F	F	F/G	F/G	P	P	S
Hemlock, Poison	B	Nov or Mar-Apr	F/G	F/G	F/G	F/G	P	F/G	F/G	-	F	P	R
Henbit	A	Feb-Mar	P	F/G	G	F	F/G	G	G	G	G	-	X
Horsenettle	P	July-Aug	P	P/F	F	F	P/F	G	G	F/G	F	P	X
Ironweed, Tall	P	June-Aug	P	F	F	G	G	G	G	G	P	P	S
Jimsonweed	A	May-July	F	G	G	G	-	G	G	G	-	-	R
Lespedeza, Sericea	P	June-July	P	P/F	P/F	G	G	P/F	P/F	F/G	F/G	P	X
Marshelder (Sumpweed)	A	May-July	F/G	F/G	G	G	F	G	G	G	F	-	R
Milkweed, Common	P	July-Sept	P	F	P/F	F	P/F	P/F	P/F	P/F	P	P	S
Mint, Perilla	A	May-July	F	F	F/G	G	F/G	G	G	G	-	-	S
Multiflora Rose	P	Apr-June or Sept	P	P	F	G	G	F	F	F/G	G	P	X
Passionflower, Maypop	P	May-July	P	P	P	P/F	F	P	P	P	-	P	X
Plantain, Broadleaf or Buckhorn	P	Oct-Nov or Mar-Apr	F/G	F	F/G	G	F	G	F/G	F/G	F/G	P	X
Pokeweed, Common	P	May-July	F	F/G	F/G	F/G	P	F/G	F/G	F	P	P	S
Ragweed, Common	A	May-July	F/G	G	G	G	G	G	G	G	P	G	R
Ragweed, Lanceleaf	A	May-July	F/G	G	G	G	-	G	G	-	P	-	R
Sida, Arrowleaf	A	May-July	P	P	P	-	-	F	F	F	-	-	R
Sneezeweed, Bitter	A	May-July	F/G	F/G	G	G	G	G	G	G	-	-	R
Sorrel, Red (Sheep Sorrel)	P	Sept-Nov or Mar	P	F	F/G	F/G	F	-	-	F/G	F/G	P	X
Spurge, Nodding	A	June-July	P	P	P	P/F	-	P/F	P/F	G	G	-	R
Thistle, Bull	B	Oct-Nov or Feb-Mar	G	G	G	G	F/G	G	G	G	F/G	P	R
Thistle, Canada	P	Prebud or Oct-Nov	P	P/F	F	F	P/F	G	G	G	F	p	S
Thistle, Musk	B	Oct-Nov or Feb-Mar	G	G	G	G	F/G	G	G	G	F/G	P	R
Thistle, Plumeless	B	Oct-Nov or Feb-Mar	G	G	G	G	F/G	G	G	G	F/G	P	R
Tickclover (Desmodium spp.)	P	June-Aug	P	-	F	F/G	F/G	F/G	F/G	-	-	P	R
Trumpet creeper	P	Aug-Sept	P	P	P/F	F	F	P	P	-	P	P	X

Control: **G** = Good or Excellent; **F** = Fair (suppression or partial control); **P** = Poor; - = No Information

<sup>1</sup> Life Cycle: **A** = Annuals; **P** = Perennials; **B** = Biennials

<sup>2</sup> The preferred time for herbicide treatment will depend on environmental conditions and other factors.

<sup>3</sup> May cause temporary yellowing, stunting and seedhead suppression of tall fescue (consult label). Metsulfuron is an active ingredient in several products (e.g. Chaparral, MSM60, Patriot, Purestand).

<sup>4</sup> Mowing: **R** = Timely mowing reduces top growth and seed production; **S** = Suppression of top growth; **X** = Not very effective

**Note:** This table should be used only as a guide for comparing the relative effectiveness of herbicides to a particular weed. The herbicide may perform better or worse than indicated in the table depending on the species, weed size, time of application, and/or extreme weather conditions. Consult herbicide label for weed height or growth stage and product amount. Read and follow all label directions and precautions before herbicide application.

Adapted from *Weed Management in Grass Pastures, Hayfields, and Other Farmstead Sites* (AGR-172; revised 3-2021). Available at <http://www2.ca.uky.edu/agcomm/pubs/agr/agr172/agr172.pdf>.

Listing of pesticide products implies no endorsement by the University of Kentucky or its representatives. Criticism of products not listed is neither implied nor intended.

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## FEBRUARY 2023

# CARTER COUNTY AGRICULTURE & NATURAL RESOURCES NEWSLETTER

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