

AG Newsletter

May 2024

Agent's Corner

The meeting season is almost over. We are all gearing up for a great planting season for all crops! We have scheduled a few more meetings to wrap up meetings. If you have missed your BQCA or Pesticide Certification meeting contact us and we will work on getting you certified.

The summer months bring on so many pests-which could be a weed, disease, insect, or anything that you don't want where it has shown up. We have information and specialists that can help to identify and make a plan to control. So if you have any questions, please remember to call us and be prepared to send us pictures or bring in samples.

We all enjoy being outside planting and growing just about anything. Just a quick reminder, watch out for those pests such as ticks, mosquitoes, snakes, poison ivy and so many more. Be careful out there!

Farmers' Market news:

Please make your way out to the Breckinridge County Farmers' Produce Market. We are all excited about the marketing season, come out and support the local growers. See details on page 11.

Sincerely,



Carol M. Hinton
Breckinridge County Extension Agent
for Agriculture/Natural Resources Education



1377 S HWY 261 | Hardinsburg, KY 40143 | P: 270-756-2182 | F: 270-756-9016 | breckinridge.ca.uky.edu



UK Wheat Field Day

May 14, 2024

TOPICS INCLUDE:

- ♦ **Evolution of Carbon Markets: Are There Opportunities for Kentucky Wheat Producers?** - Dr. Jordan Shockley
- ♦ **Wheat Disease Update** - Dr. Carl Bradley
- ♦ **Wheat Breeding: Process and Methods** - Dr. Dave Van Sanford
- ♦ **Wheat Fertilization** - Dr. Edwin Ritchey
- ♦ **Residual Herbicide Timing for Ryegrass Control in Wheat** - Dr. Travis Legleiter
- ♦ **International, Domestic, and Local Trends That Inform Wheat Marketing Decisions** - Dr. Grant Gardner
- ♦ **Wheat Variety Trial (Walk Through)** - Bill Bruening

UKREC Farm

1205 Hopkinsville St,
Princeton, Ky 42445
9 am - NOON (Central time)
Registration: 8 am



EDUCATIONAL CREDITS:

CCA: PM 1hr, CM 0.5hr,
Prof Dev 0.5
Pesticide: 1 CEU cat 1A,
1CEU cat 10

For additional information contact Colette Laurent : (859) 562-1321 or claurent@uky.edu

Fecal Egg Shedding in Beef Cattle Field Study

Presented by:

Dr. Jeff Lehmkuhler, Ph. D., PSA

Extension Professor

Department of Animal & Food Sciences

Tuesday, May 14, 2024

6 PM, CT

Breckinridge County

Extension Community Building

Meal will be provided.

Please call 270-756-2182 to register.

Note: This will be a CAIP approved meeting for Breckinridge County

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Cooperative Extension Service

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

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

Lexington, KY 40506



Disabilities
accommodated
with prior notification.

Breckinridge County Cattlemen's, Assoc.,

Breckinridge County Extension & Farm Credit Mid-America

present:

Programs, Initiatives and What We Can Do For You

Thursday, May 16, 2024

6 PM, CT

Breckinridge County

Extension Community Building

Meal provided.

Please call 270-756-2182 to register.

NOTE: This meeting is NOT CAIP approved!

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Rose Care

In early May, I put one (1) tablespoon of Osmocote around each bush, which will last for several weeks.

You will need to start fertilizing every two weeks. Water thoroughly before fertilizing, if it does not rain, water between fertilizing. **DO NOT WATER AT NIGHT.** The best time to water is in the morning hours so foliage will dry before nightfall, because roses do not like to go to bed with wet feet. Do not fertilize after August.



Also, it is time to begin your spray program of an insecticide, such as Isotox, and a fungicide, such as Funginex.

NOTE: Be sure to follow directions on labels.

At the first sight of disease, spray with a fungicide every 10 days during the growing season.

At first sight of insects, spray with an insecticide, and then repeat application in 10 days. If needed, you can spray every 10 days.

When the buds have been spent, prune back to first 5th leaf. Roses that are kept neatly pruned will consistently produce more flowers than bushes not pruned. After the first buds have been removed, remove most of the foliage at the lower end of the plant (about three (3) or four (4) leaves up from the ground) to improve air circulation. In Mid-September, discontinue pruning buds to allow bushes to store energy for the winter.

At Thanksgiving, it is time to prune a few inches of dense, twiggling top growth from bushes to prevent winter wind damage. If the weather is mild, spray a fungicide on bare stems and on the ground. Begin mulching to protect from winter cold.

4-H Livestock Club — Mark your Calendars

Clean-up Days at the Breckinridge County Fairgrounds

May 25, 2024—Livestock Barn Clean-up Day—8 a.m.(ct)

June 15, 2024—County Fair Clean-up Day—7 a.m. (ct)

We have three (3) new publications available:

Commercial Spray Schedule for Field Production of Pumpkins PPFS-VG-34

Commercial Spray Schedule for Summer Squash & Zucchini PPFS-VG-35

Sclerotinia Diseases of Vegetable Crops PPFS-VG-29

If you are interested in any of these publications stop by our office for a copy.

Extension Homemakers

Spring Bazaar

Saturday, May 11, 2024

9 a.m. CT - 2 p.m. CT

***Shop local arts and crafts vendors for
spring holiday gifts and decor.***

Free Admission

Breckinridge County Extension
Community Building & Farmers' Market &
Educational Facility

1377 S. Hwy 261, Hardinsburg, KY 40143

270-756-2182

*Proceeds to benefit
local high school
scholarships!*



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ADULT HEALTH BULLETIN



MAY 2024

Download this and past issues of the Adult, Youth, Parent, and Family Caregiver Health Bulletins: <http://fcs-hes.ca.uky.edu/content/health-bulletins>

Breckinridge County Extension Office
1377 S. Hwy 261
Hardinsburg, KY 40143
(270) 756-2182

THIS MONTH'S TOPIC MENTAL HEALTH AWARENESS



May is Mental Health Awareness Month in the United States. This is a time to draw attention to the importance of mental health and highlight resources that are available to help with mental well-being. Mental illnesses are brain-based conditions. All humans have brains, so everyone is susceptible to having a mental illness at some point in life. Being aware of what signs and symptoms are and what to do if you start to recognize those signs in yourself or someone you know, can make a big difference in getting help and feeling better.

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Disabilities accommodated with prior notification.

If you or someone you know is struggling or in crisis, help is available around the clock. Call or text 988 or go to [988lifeline.org](https://www.988lifeline.org) to live chat with a counselor at any time.

→ Continued from the previous page

Everyone goes through things in life that can affect mental health — stress from a job, the loss of a loved one, or life changes like having a baby or getting divorced. All of these things and more can cause us to feel and act differently for a short period of time. A mental health concern becomes a problem when the symptoms make it difficult to do daily tasks or you feel unlike yourself for more than 4 weeks.

Common signs of mental illness include:

- Feeling sad or down
- Confused thinking or reduced ability to concentrate
- Excessive fears or worries, or extreme feelings of guilt
- Extreme mood changes of highs and lows
- Withdrawal from friends and activities
- Significant tiredness, low energy, or problems sleeping
- Detachment from reality (delusions), paranoia, or hallucinations
- Inability to cope with daily problems or stress
- Trouble understanding and relating to situations and to people
- Problems with alcohol or drug use
- Major changes in eating habits
- Excessive anger, hostility, or violence
- Suicidal thinking

Sometimes signs of mental illness are also physical problems, like ongoing stomach pain, back pain, headaches, or other unexplained aches and pains along with other signs listed above.

Most mental illnesses do not get better on their own. If untreated, they might get worse over time and cause serious problems. You can use the list above to talk to your doctor or other health-care provider about how you are feeling and the many options available for treatment.

If someone you know shows signs of mental distress, talk openly with them about your concerns. You cannot force someone to get professional



care, but you can offer encouragement and support. You can also help your loved one find a qualified mental health professional and make an appointment. You could even offer to take them or go along to the appointment if they would like.

If you or someone you know is struggling or in crisis, help is available around the clock. Call or text 988 or go to **[988lifeline.org](https://www.988lifeline.org)** to live chat with a counselor at any time. You can use this resource for yourself or to discuss your concern for someone else.

REFERENCES:

- <https://www.samhsa.gov/mental-health-awareness-month>
- <https://www.mayoclinic.org/diseases-conditions/mental-illness/symptoms-causes/syc-20374968>

**ADULT
HEALTH BULLETIN**

Written by:
Katherine Jury, MS
Edited by: Alyssa Simms
Designed by: Rusty Manseau
Stock images:
Adobe Stock



Drone Pilot Certification Workshop

An intensive workshop to prepare candidates for the
FAA's part 107 Drone Pilot Certification exam



June 10-11, 2024
(Lunch will be provided both days)

Hopkins County Cooperative
Extension Office

Madisonville, KY

Class size is limited!

Course: \$400

Exam: \$175

CCA: 12 CEUs



For more information and to register contact: Lori Rogers

lori.rogers@uky.edu 270-365-7541 ext 21317

kats.ca.uky.edu

Course will be taught by Mandy Briggs, Certified Flight Instructor



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LEXINGTON, KY 40546

Kentucky Fencing Schools

Electric Fencing for Serious Graziers: Installation and Troubleshooting

*Organized and Sponsored by the Kentucky Forage and Grassland Council, UK
Cooperative Extension Service, and the Master Grazer Program*

What: Hands on electric fencing school covering installation and troubleshooting

When: June 12, 2024, 9 AM to 4 PM

Where: Butler County Extension Office
102 Parkway Lane
Morgantown, KY 42261



Registration
limited to first
30 participants!

Preregistration Required:

Register online at: <https://2024ElectricFencing.eventbrite.com>

Or call or email Caroline Roper at 270-704-2254
or Caroline.Roper@uky.edu





Nothing else comes close



**Open every Saturday--6:30 a.m. (ct)
until products are sold
June 15 thru October 2024**

**Open every Tuesday--3 p.m. (ct)
until products are sold
June 25 thru October 2024**

Location:

**1377 South Hwy 261, Hardinsburg, KY
Behind the Breckinridge County Extension Office
in the Extension Farmers' Market and Educational Facility,
on the corner of US 60 By-Pass and Hwy 261**

**Accepting WIC and Senior Citizens' Market Card--
WIC Card—contact the Health Dept. at 270-756-5121
Senior Citizens' Card— contact the Breckinridge County Extension Service
at 270-756-2182**

**Wide variety of fruit and vegetables.
This is a great opportunity to come out and meet
the producers who work hard producing
the high quality produce that you enjoy.**

**For more information call 270-756-2182
Funded in part by Kentucky Agricultural Development Funds**

NOTE: Dates are subject to change based on product availability.



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Pre- and Post-emergence Strike of Slugs & Snails on Soybeans

By Raul T. Villanueva, Entomology Extension Specialist, and Zenaida Vilorio, Entomology Research Analyst

Source: KY Pest News on April 30, 2024

Abundance of Slugs & Snails in 2024

The warmer winter in 2024, along with rains and foggy conditions during several days in March and April, have been conducive to the presence of slugs and snails in commercial and research plots in Western Kentucky. Since the end of March and the first week of April, UK entomologists have been observing slugs in various stages of development, including eggs in soybean and corn fields. The favorable conditions described above might have increased their populations in fields, leading to a reduction of plant stands in several soybean fields; in many cases, entire fields have been consumed.

In soybean fields heavily affected by slugs, plant stands of 2 to 10 plants per 5-ft row are in contrast to normal stands of 20 to 30 plants per 5-ft row (based on average plantings in Kentucky: 5 to 6 seeds per foot-row planted in 20" row width) (Figure 1). Damage observed in fields showed that slugs were feeding on unsprouted seeds and emerging seedlings (Figure 2). Also, observations since the first week of April have shown that eggs were laid in moist soils covered by organic matter from the previous crop (soybeans, corn, or wheat). Figure 3 shows that slugs were well protected under dry brace roots of corn, ovipositing eggs under these structures.



Figure 1. Photos of 5-ft rows in two soybean fields showing the reduction of plant stands caused by slug feeding: 4 plants (left) and 10 plants (right), shown with yellow arrows, in center rows. Under normal conditions, there should be 20 to 30 plants per 5-ft row (Photo: Raul. Villanueva, UK).

Mollusk Management

There is no rescue treatment for slug damage or thresholds for application of molluscicides. If stands are low, replanting is recommended, and an application of molluscicides may be necessary. On February 27, 2024, we wrote a KPN article ([Slugs are Active in February 2024, but Farmers Have Two Registered Molluscicides under Section 24\(c\) in Kentucky](#)) that discussed the possibility of abundant mollusks during corn and soybean germination periods. This was based on environmental conditions and mentioned two metaldehyde molluscicides that are registered under the Section 24(c) for soybeans and corn in Kentucky: Deadline® M-Ps™ and Slug-Fest®. In addition to these two products, Table 1 shows additional molluscicides that can be used in corn and soybeans for management of slugs or snails.



Figure 2A. Slug feeding on pesticide coated, swollen, and unsprouted soybean seed (Photo: Raul Villanueva, UK).



Figure 2B. Feeding damage on emerged and unsprouted seed (Photo: Raul Villanueva, UK).

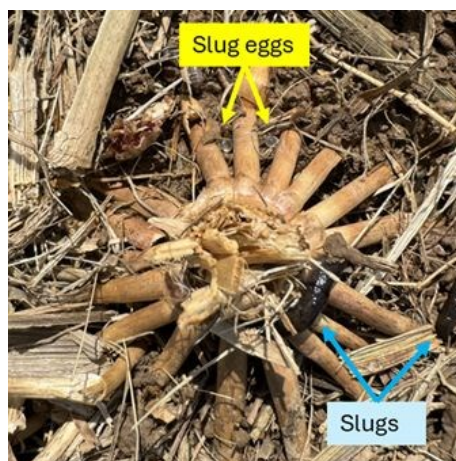


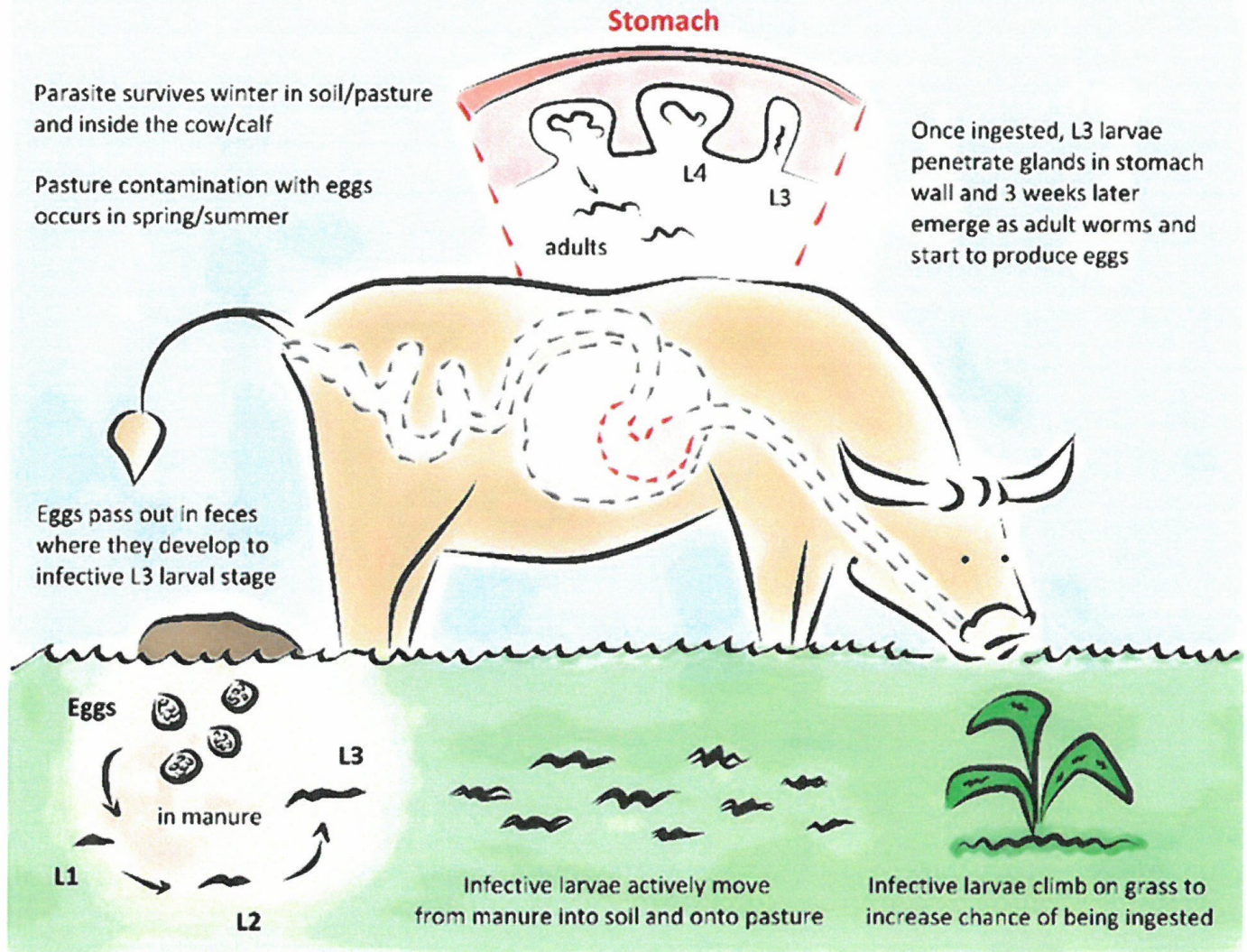
Figure 3. Corn stalk left in the field with brace roots that sheltered snails and their eggs. Although only 2 eggs are shown in this image, more than 15 snail eggs were found under the brace roots (Photo: Raul. Villanueva, UK).

Table 1. Molluscicides* that are available in Kentucky for the management of slugs and snail in corn and soybeans.

Products	Crop	Growth Stage	Max. single Application	Total Nº of Application /Season	RAI days	PHI days	Type of application
Deadline® M-Ps™ <i>metaldehyde</i>	Field Corn	Up to V8	25 lbs/Acre	3	7	0	Broadcast or ground directed
		V8 to VT					
	Soybean	Up to V4	10 lbs/Acre				
		V4 to R1					
Slug Fest® <i>metaldehyde</i>	Field Corn	Seedling or later stages	59 fl.oz./Acre	3	4	0	Spray, may be tank mixed with other chemicals or fertilizers.
	Soybean	Seedling or later stages	23 fl.oz./Acre	4	3		
SLUGGO <i>Iron phosphate</i> 1%	Field Corn	Seedling or later stages	20 to 44 lbs/Acre	n/a	14	n/a	Broadcast or ground directed
	Soybean						
FERROXX <i>Sodium ferric</i> 5%	Corn Soybeans Wheat Rye	Seedling	5 to 20 lbs/Acre	-	-	0	Broadcast or aerial application

*The University of Kentucky does not endorse any of the products listed here; they are shown for information purposes only.

Life Cycle of the Cattle Gastrointestinal Parasite *Ostertagia ostertagi*



Illustrated by Matilde Tomaselli

RINSE AND RETURN PLASTIC PESTICIDE CONTAINER PROGRAM



Breckinridge County Extension Pavilion
1377 S. Hwy 261, Hardinsburg, KY 40143
Tuesday, September 3, 2024
Time: 12:30 p.m. to 2 p.m. (ct)



Jugs must be triple rinsed, hole punched in bottom or side and free from paper label and most dirt.

EQUIPMENT FOR RENT

The Extension Office has a No-Till Seed Drill, an in-line silage Hay Wrapper and Boomless Pasture Sprayers available for rent.

For more information on renting or to schedule a date to use call:

No-Till Seed Drill —
Hobby Dye & Reed at 270-756-2555



Inline Silage Hay Wrapper —
Wright Implement at 270-756-5152

2 –Boomless Pasture Sprayers —
Carol Hinton at 270-617-3417



4-H Summer Camp

Campers Needed!

July 22 thru 25, 2024.

Call the Extension office at 270-756-2182 and
ask for an application today!

Almanac Tidbits for: May

Plant above ground crops — 2-4, 21-23, 29-31

Plant Below ground crops — 5, 8, 9, 13, 14, 17, 18

Seed Beds — 4, 5, 21-23, 31

Kill plant pests: — 1, 6, 7, 10-12, 15, 16, 19, 20, 24-28

Aries		♈
Taurus		♉
Gemini		♊
Cancer		♋
Leo		♌
Virgo		♍
Libra		♎
Scorpio		♏
Sagittarius		♐
Capricorn		♑
Aquarius		♒
Pisces		♓

Breckinridge County Recycling Program



All recycling sites are
accessible 24 hours a day,
seven days a week.

Stop by one of the following recycling centers near you:

Breckinridge County High School
Cloverport Fire Department
Auggie Doggie's, Garfield
St. Romuald Gym, Hardinsburg
McQuady Firehouse
Breckinridge County Extension Office
Rough River Corp of Engineers Office
McDaniels Fire Department
Frederick Fraize High School, Cloverport
Hardinsburg Elementary School
Union Star

Mark Your Calendar!

May 14, 2024—UK Wheat Field Day, KYREC Farm, Princeton, KY

June 10-11, 2024—Drone Pilot Certification Workshop, Hopkins County Extension Office

June 12, 2024— Electric Fencing School Installation and Troubleshooting, Butler County Extension Office

June 19-22, 2024—Breckinridge County Fair -

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