

# "HAVE YOU HERD"



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

## Summer Issue Of The Owen County Agriculture & Natural Resource Newsletter



Summer is here! Its hard to believe 2023 is halfway over. I hope we get some rain in the upcoming weeks. With it being so dry make sure to have a fire extinguisher on your equipment and check for birds nest around the engine. The Fourth of July is around the corner, use caution lighting fireworks around hay or fields.

On a positive note, the dry conditions have been ideal for preventing fungal diseases. If you didn't download the "SON" app that was in last months issue, you need to. It's a must for any gardener.

County Fair is the first week of July. Last year we had the biggest hay show we have ever had. Lets exceed that this year. We have increased premiums so make sure to enter your bales and rolls. Please give me a call the last week of June to schedule a drop off time at the exhibit building or if you need someone to pick it up for you.

Don't forget there will be no programs at the stockyard in July. But there are plenty of other opportunities to receive your CAIP Cost Share Education.



**Feeling bogged down?  
There's help, Call/Text 988**



# 2023 OWEN COUNTY FAIR

Midway open Tuesday, July 4, through Saturday, July 8, 2023

Miss Teen/Pre-Teen and Miss Owen County Fair/Miss Owen County pageants will be held at Maurice Bowling Middle School on Saturday, June 10, 2023. Pageants begin at 3 p.m. Entry is \$5. 9 A.M.-4 P.M., JUNE 28-30, 2023: Enter Exhibits (Except Food, Farm Crops, Garden & Flowers)

## SATURDAY, JULY 1

9 a.m.-noon, Enter Exhibits  
(all but food, farm crops, garden and flowers)  
10 a.m., 4-H & FFA Open Sheep Show  
6 p.m., 4-H & FFA Open Goat Show

## SUNDAY, JULY 2

6:30 p.m., Mother/Owen Countian of the Year  
7 p.m., Community Wide Worship Service

## MONDAY, JULY 3

9 a.m.-noon, Enter Exhibits (food, farm crops, garden and flowers)

## TUESDAY, JULY 4

6 p.m., Family Fun Night Begins  
6 p.m., Pedal Pull  
7 p.m., Children's Pet Show  
8 p.m., Family Fun Night Events Continue

## WEDNESDAY, JULY 5

5 p.m., Baby Contest  
6 p.m., Little Prince/Little Princess Pageants  
7 p.m., Little Miss (Local) Pageant  
7 p.m., Top Dog Promotions Demolition Derby  
8 p.m., Little Miss & Mister Pageant  
8 p.m., 4-H & FFA Open Swine Show

## THURSDAY, JULY 6

6 p.m., 4-H & FFA Open Small Animal Show  
6 p.m., Battle of the Bluegrass Pulling Series

## FRIDAY, JULY 7

6 p.m., KITPA Truck/Tractor Pull

## SATURDAY, JULY 8

9 a.m.-noon, Pick up items from Exhibit Hall  
10 a.m., 4-H & FFA Open Beef Show  
2 p.m., 4-H & FFA Open Dairy Show  
7:30 p.m., Top Dog Promotion Demolition Derby

Admission to the Owen County Fair is \$15

Weekly passes are available at the Owen County Visitor Center & Gift Shop

Present admission ticket for ride armbands

Gate fee is not refundable



**STOP BY THE EXTENSION OFFICE TO PICK UP 2023 OWEN COUNTY FAIR CATALOG**



# NEEDING ENTRIES FOR COUNTY FAIR

Do you have any of the following you could enter?

### Square bales

Alfalfa  
Alfalfa/Grass  
Red clover/grass  
timothy  
Grass mix

### Round bales

Alfalfa  
Alfalfa/Grass  
Red clover/grass  
timothy  
Grass mix

### Crops

Yellow field corn  
Yellow shelled  
White field corn  
White shelled  
Soybeans  
Wheat  
Rye

### Garden Crops

Apples  
Asparagus  
Beans  
Berries  
Beets  
Broccoli  
Brussel sprouts  
Cabbage  
Cantaloup  
Carrots  
Cauliflower  
Cucumber

Cushaw  
Greens  
Garlic  
Grapes  
Kale  
Mustard  
Spinach  
Lettuce  
Melon  
Onions  
Okra  
Gourds

Eggplant  
Peppers  
Potatoes  
Pumpkins  
Rhubarb  
Squash  
Sweet Corn  
Tomatoes  
Turnips  
Watermelon

**\*\*See fair book for the complete guidelines\*\***

# Aquatic Weed Management

Aquatic plants in farm ponds range from microscopic organisms known as plankton algae which drift suspended in the water to larger plants rooted in the pond bottom. Certain types of aquatic plants are essential for fish production.

However, aquatic plants that seem to take over the pond and interfere with fishing are considered to be weeds.

Aquatic plants that cause weed problems may be placed into four groups: algae, floating weeds, emerged weeds (foliage above water) and submersed weeds (majority of foliage below water).

Aquatic Weed control is a management plan that incorporates preventative methods such as proper pond construction and maintenance, biological methods such as grass carp and the use of labels aquatic herbicide. The development of an aquatic weed management plan is dependent upon correctly identifying the problem weed(s) and selecting the control methods that are compatible with efficient fish culture procedure

Proper pond construction practices are the first steps in

preventing aquatic weed problems. Rooted aquatic weeds and algae usually begin growing in shallow water (2 feet or less). Edges of new and existing ponds should be deepened so shallow water areas are maximized.



The grass carp is a practical and economical way to control certain types of pond weeds. Grass carp effectively control weeds with tender succulent vegetation such as filamentous algae and duckweed.

Early manual removal of weeds by raking can prevent some weed problems.

The first step in successful chemical control is accurate identification of the problem weed. After the weed

has been identified, a herbicide may be selected. Give me a call or bring aquatic weed samples to the office, or have me come out for identification assistance.

The following is a list of chemicals that control different types of aquatic vegetation. As always with any chemical, make sure to follow the label.

Product	Common Trade Names
Copper	Copper sulfate, Cutrine-Plus, Aquatrine, Clearigate, Cutrine-Ultra, K-Tea, Algimycin, Komeen, Pondmaster, Captain, Nautique
Endothall	Aquathol, Aquathol K, Aquathol Super K, Hydrothol 191
Hydrothol	Hydrothol 191
2,4-D	Navigate, WeedRhap, Weedar 64, Aqua-Kleen
Fluridone	Sonar, Sonar AS, Sonar PR, Sonar SAP, Sonar Q, Avast, Avast SAP
Diquat	Reward, Weedtrine D
Glyphosate	Rodeo, Aquamaster, AquaPRO, AquaNeat, Eraser AO, Eagre, Glypro, Aquastar
Triclopyr	Renovate 3, Garlon 3A
Imazapyr	Habitat
Sodium carbonate peroxyhydrate	GreenClean, GreenCleanPRO, Pak 27, Phycomycin
Surfactant	Cide Kick
Dyes	Aquashade, Aquashadow, Admiral Liquid, Admiral WSP

Aquatic group & vegetation	Copper sulfate and some chelated copper complexes	Cutrine -Ultra	Komeen Pondmaster Nautique Captain	2, 4-D	Diquat	Aquathol	Hydrothol	Glyphosate	Fluridone	Triclopyr	Imazapyr	Sodium carbonate peroxyhydrate
<b>Algae</b>												
phytoplankton	E	E		P	P		G	P	P			G
filamentous algae	E	E		P	G	P	G	P	P			G
<i>Pithophora</i> spp.		G					G					
muskgrass ( <i>Chara</i> spp.)	E	E		P	P	P	G	P	P			
<b>Floating plants</b>												
duckweeds	P			F	G	P	P	P	E		F	
water hyacinth	P		G	E	E			G	E	E	E	
watermeal	P			F	F				G			
<b>Submersed plants</b>												
coontail	P		G	G	E	E			E			
milfoils	P		G	E	E	E			G	E		
naiads	P		G	F	E	E			E			
pondweeds	P		G	P	G	E			E		G <sup>1</sup>	
<b>Emergent plants</b>												
alligatorweed				F	P			G	F	E	E	
arrowhead	P			E	G	G		E	E		E	
cattails	P			F	G	P		E	F		E	
sedges & rushes	P			F	F			G	P		E <sup>2</sup> F <sup>3</sup>	
slender spikerush	P				G			P	G		F	
smartweed	P		F	E	F			E	F	E	E	
waterlilies	P			E	P			G	E	G	G	
water primrose	P			E	F	P		E	F	E	E	
watershield	P			E	P			G	G		E	
willows	P			E	F	P		E	P	E	E	

E = excellent control G = good control F = fair control P = poor control blank = unknown or no response G<sup>1</sup> Spray only emergent portion E<sup>2</sup> for sedge F<sup>3</sup> for rush Table from SRAC 361



**EVERY FRIDAY**

**STARTING MAY 12TH- OCTOBER 27TH**

**10 AM - 1 PM**

**BEHIND FARM BUREAU**

- **KIDS DAY JUNE 9TH**
- **SPECIAL MARKET JUNE 17TH 10-2PM AT COURTHOUSE LAWN DURING MAYBERRY DAY**

## **SIP N SHOP**

## **SATURDAY**

### **OWENS OWN MARKET**



**SATURDAYS**

**8:30 AM - 12 PM**

**OUTSIDE CARPENTER LANE  
101 W SEMINARY ST, OWENTON KY**

For more information and farmers interested in participating  
Text: 859-229-4500

# Hay Fires

Hay fires are caused when bacteria in wet hay create so much heat that the hay spontaneously combusts in the presence of oxygen. At over 20% moisture mesophilic bacteria release heat-causing temperature to rise between 130°F to 140°F with temperature staying high for up to 40 days. As temperatures rise, thermophilic bacteria can take off in your hay and raise temperature into the fire danger zone of over 175°F.

## Assessing Your Risk

If hay was baled between 15-20% moisture and acid preservatives were used, there is still potential for a hay fire but not as great as on non-treated hay. A moisture tester on your baler can help you know how moisture varies across your field and when to use hay preservative. Without a moisture tester, if you occasionally find darker green damp spots or humidity is high, be sure to monitor for heating. Most propionic acid-based products are effective at inhibiting bacteria growth in hay up to 25% moisture, with variable effectiveness at 25-30% moisture, if applied at the correct rates.

Temperature (°F/ °C)	Action
125°/51.6°	No Action needed
150°/65.6°	Hay is entering the danger zone, check temperatures twice per day. Disassemble haystacks moving bales outside to allow air circulation to cool the hay.
160°/71.1°	Hay has reached the danger zone. Carefully check hay temperature every few hours. Disassemble stacked hay to promote air circulation to cool hay be very careful of even hotter spots. Have a tank of water present while unstacking.
175-190°/79.4 -87.8°	Hot spots or fire pockets are likely. Alert fire service to the possible hay fire incident. Close barns to minimize air movement around the hay. With the assistance of fire service, remove hot hay. Be aware that bales may burst into flames, keep tractors wet so the tractor does not catch fire.
200°+/93.3°+	Fire is present with in the haystack near the temperature probe. With the assistance of fire service, remove hot hay. If possible, inject water into the hot spot to cool hay before moving. Most likely a fire will occur, keep tractors wet and fire hose lines charged in the barn and along the route of where bales will be stacked.

SAVE THE DATE: JULY 13, 2023  
9AM- 1PM

FARM CITY FIELD DAY

FARM HOSTS:

HARROD FARM - 645 EVERGREEN RD.

FIRMLY ROOTED FLOWERS - 650 EVERGREEN RD.



OWEN COUNTY  
CATTLEMEN'S ASSOCIATION

Thursday, July 27th  
6:30 PM

Owen County Extension Office  
Please RSVP 502-484-5703



To Register Call 502-219-7378  
CAIP Edu approval 502-484-5703



## Cedar Ring Greens -- Frankfort, KY -- June 20 2023, 1-4pm ET

For nearly two decades, Cedar Ring Greens farm in Frankfort has operated with a commitment to sustainability, which includes improving the health of the land, encouraging biodiversity, working for food justice, and powering their home and farm with the sun. Join this OAK Field Day to tour the home and market gardens of Cedar Ring Greens with Andy McDonald and Mehera Baugher.

Andy will share their use of solar energy on the farm, along with their barn, packing shed, site-built walk-in cooler, and two small greenhouses they designed. He'll also walk participants through sustainable components of the on-farm home that he and Connie Lemley renovated using passive solar design, solar electric and solar hot water, a composting toilet and greywater systems. Mehera will share the farm's certified organic market gardens, highlighting the minimal till systems of bed prep, seeding and harvesting used in their diverse vegetable production; covered crop protection with row covers and tunnels; cover cropping in rotations for soil health; and hedgerows for pollinator biodiversity.

Any interested farmer or allied professional is encouraged to join the walk around Cedar Ring Greens; registration is required, and participation is limited to 25 people.

## Hallow Springs Farm -- Mt. Vernon, KY -- July 6, 2023, 9am-12pm ET

Starting a farm business can seem like an uphill climb when balancing time between family, off-farm jobs, and the many hats that farmers wear to get product to customers. When the farm also includes high steep hillsides, shallow topsoil, and rocky terrain, the climb becomes a challenge! Focusing on their local community, driven by strong values, and working hard with the limited time and resources they do have allows Holly and James Robinson to keep their farm business growing and thriving after nearly a decade on Hallow Springs Farm.

Building their soil, infrastructure, customer base, and skills along the way, these Rockcastle County co-farmers steward a diversified farm that currently includes:

- \* Half-acre of vegetable and herb production
- \* A 30' x 96' high tunnel (first season!)
- \* A consistent, healthy crop of Nugget and Chinook hops
- \* DIY greenhouse made from repurposed materials
- \* Herd of 20 Angus and Hereford cattle in rotational pastures
- \* Herd of mixed milk and meat goats bred for resistance to parasites and size for marketing
- \* Value-added production of goat's milk soap, breads, jams and jellies

Using organic practices, natural mulches, and cover crops, they continue to rebuild the shallow soils depleted from years of tobacco farming and logging. Integrating pasture rotations through six sections of their 90 acres of grazing lands, they're restoring the fertility and vitality to their hillsides.



Join the conversation with Holly and James to see and hear how they're bringing their family farm back to life! They will also share their success in bringing a permanent farmers market structure to Rockcastle County and Holly's experiences working as an Organic Inspector.

This Field Day is open to any interested farmer, aspiring farmer or agriculture professional. Registration is required.

## Coleman Crest Farm -- Lexington, KY -- July 25, 2023, 9am-12pm ET

Jim Coleman was raised in Fayette County on his family's farm, Coleman Crest, which was originally purchased by his great grandfather in 1888 after he and his family had tilled the farm under enslavement. Today, Jim is the 4th generation owner of Coleman Crest Farm. In 2020, Jim began the work of restoring Coleman Crest Farm with three primary functions: achieving certified organic crop production, serving as an incubator farm for aspiring farmers and welcoming visitors as an agritourism site.

This OAK Farmer Field Day will highlight:

- Coleman Crest Farm's 3 acres of certified organic production of vegetables and flowers;
- Jim's marketing strategies, serving independent grocers, restaurants, golf venues and catering firms in the Lexington market;
- The Farm's use of specialized equipment and tools to reduce operating costs and improve production yields, including a Kubota tractor, bed maker, Ferris Farm Polyplanter, deep soiler, plastic mulch and fabric row cover;
- The all-natural water well and irrigation system;
- The Farm's focus on pollinator habitats (including Monarch waystations), groundwater protection and land stewardship;
- The role and vision of local farms in community health and education;
- Jim's path as an African American farmer into certified organic production.

This Field Day is open to any interested farmer, aspiring farmer or agriculture professional. Registration is required.



June 7, 2023

Wildflowers



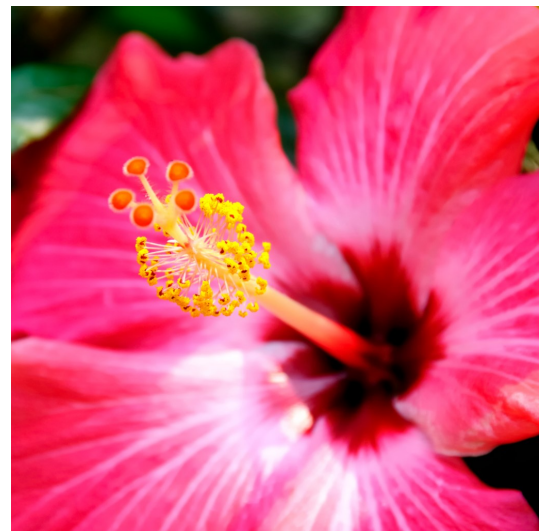
June 14, 2023

Japanese Beetles



June 21, 2023

Talking Phalaenopsis-  
Easy Orchids



June 28, 2023

Tropicals for Zone 6

12:30 - 1:00 PM

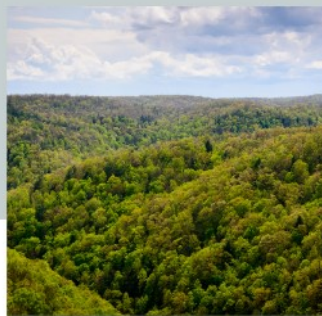
Register Here

VISIT [kentuckyhortnew.com](http://kentuckyhortnew.com)



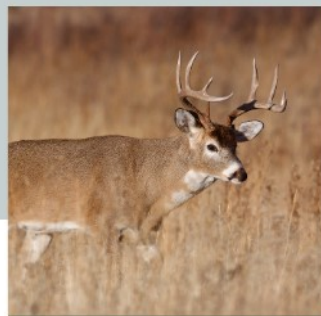
June 20

Your Trees, Your  
Woodlands, Your Options



June 22

Woodlands and Climate  
Change



June 27

Wildlife and Woodlands



June 29

Woodland Health

## 2023 Kentucky Woodland Owners Short Course

Would you like to see your woodlands be as healthy and productive as possible?  
Join our four part webinar series where experts across the state will answer your woodland-related questions.

Online via Zoom | 7 - 8:30 PM (EST)

Register at: [wosc.ca.uky.edu](http://wosc.ca.uky.edu)





University of Kentucky  
College of Agriculture,  
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Kentucky Extension  
Master Gardener  
COOPERATIVE EXTENSION  
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Food and Environment



# GETTING STARTED, a Farming Series

Join us for Getting Started, a Farming Series. Participants will take a deep dive into how to start and maintain a farm. Covering topics like marketing, grants, finances, and more.



CAIP-ED APPROVED  
\*\*WITH PRIOR APPROVAL\*\*

## Session 1, sponsor: AGCREDIT

Dr. Steve Issacs; University of Kentucky  
Caleb Thomas; Farm Service Agency  
May 25th, 6-8pm @ the Scott County Extension  
Office, 1130 Cincinnati Rd. Georgetown

## Session 2, sponsor: farmCREDIT MID-AMERICA

Cara Stewart; KCARD  
Clint Quarles; Attorney, KDA  
Adam Jones & Joe Ulrich; NRCS

June 13th, 6-8pm @ the Franklin County  
Extension Office, 101 Lakeview Ct, Frankfort



To sign up call the Scott County  
Extension Office or scan the QR Code  
below. Spots are limited to 30  
participants only. There is a \$30 fee to  
help cover materials and food.

WOULD YOU LIKE TO BECOME A MASTER GARDENER?

# 2023 MASTER GARDENER VOLUNTEER TRAINING PROGRAM

Hosted by Franklin & Woodford County



Topics in this training program include:

- Basic botany, entomology, and plant pathology
- Growing better lawns with less effort
- Understanding how soils affect plant performance
- Proper care and maintenance of plants
- Fruit, flower, and vegetable gardening
- Diagnosing plant problems



Classes held every Tuesday, August 24 - November 30, 2023

Location: Franklin & Woodford County Extension Offices

APPLICATIONS DEADLINE July 28, 2023

FOR MORE INFORMATION CONTACT:

Franklin County Extension  
502-695-9035

Woodford County Extension  
859-873-4601

Questions?  
Contact us at

Scott County Office:  
502-863-0984  
brittany.brewer@uky.edu

Franklin County Office:  
502-695-9035  
keenan.bishop@uky.edu

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

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political beliefs, sex, sexual orientation, gender identity, gender expression, marital status, genetic information, age, veteran status, or physical or mental disability. University of Kentucky, U.S. Department of Agriculture, and Kentucky Division of Cooperative Extension.



Disability  
Access  
Statement  
and  
Plan  
of  
Action

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# THIRD THURSDAY THING

Topic: Juneteenth  
Weed & Pest Control  
June 15, 2023, at  
10:00 AM EDT

Join us in person at the Harold R. Benson Research &  
Demonstration Farm or online!

📍 1525 Mills Lane, Frankfort, KY 40601

LIVE [youtube.com/kysuag/live](https://youtube.com/kysuag/live)



# THIRD THURSDAY THING

Topic: Fencing | Pastured Poultry  
July 20, 2023, at 10:00 AM EDT

Join us in person at the Harold R. Benson Research &  
Demonstration Farm or online!

📍 1525 Mills Lane, Frankfort, KY 40601

LIVE [youtube.com/kysuag/live](https://youtube.com/kysuag/live)







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Food and Environment  
Cooperative Extension Service

# Beginner Beekeeping



Monday, June 19, 2023  
9:30 a.m.

Location:  
545 Woodrow Wilson Rd.  
Carrollton, KY



Regina Utz, Trimble County Extension Agent for Agriculture & Natural Resources  
(502) 255-7188  
Maggie Turner, Carroll County Extension Agent for Agriculture & Natural Resources  
(502) 732-7030

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LEXINGTON, KY 40546



Disabilities  
accommodated  
with prior notification.

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LEXINGTON, KY 40546

University of Kentucky  
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Food and Environment  
Cooperative Extension Service  
Agriculture and Natural Resources



## LEARN ABOUT SMALL RUMINANTS

June 27th, 2023  
6:00-7:30 pm



Boone County Cooperative Extension Office- Claxon Room  
(6028 Camp Ernst Road, Burlington, KY, 41005)

Dr. Kenneth Andries will be discussing how to care each month for your sheep and goats.

**\*This program is CAIP approved\***

To register, contact us at (859) 586-6101 or visit boone.ca.uky.edu

Disabilities  
accommodated  
with prior notification.

**Crop Acreage Reporting**  
**Deadline: July 15, 2023**

Required for the  
**AGRICULTURE RISK COVERAGE (ARC)**  
**PRICE LOSS COVERAGE (PLC)**

**FARM SERVICE AGENCY**  
USDA is an equal opportunity provider, employer, and lender.



U.S. DEPARTMENT OF AGRICULTURE

## CALL FSA NOW TO:

Agricultural producers who have not yet completed their crop acreage reports after planting should make an appointment with their local Farm Service Agency (FSA) service center before the applicable deadline. **July 15** is a major deadline for most crops including Forage Crops and Pastures, but acreage reporting deadlines vary by county and by crop. Producers should make an appointment as soon as possible to avoid missing deadlines.

## CONTACT US TODAY!

### Owenton Farm Service Agency

205 W. Perry Street  
Owenton, KY 40359  
502-484-3979

Only in Owenton Office on Wed. & Thurs.

# Face Flies & Pinkeye

By Lee Townsend, Extension Entomologist  
University of Kentucky College of Agriculture

**Tis fly season. The best defense is prevention. The following publication describes a major problem in cattle, pink eye and face flies.**

Face flies are one of the most difficult pasture pests to control. They are on cattle only for short periods of time during the day and stay mostly on the head, which is difficult to treat with insecticides. Face flies use an abrasive sponging mouthpart to stimulate tear flow from the eyes. These flies lap up the protein rich secretions from the eye as well as nasal discharges, saliva, or blood oozing from wounds. Most of the time they are off of the animals, resting on plants, fence posts, or other objects.

In addition to being very annoying to cattle, face flies play a role in the transmission of *Moraxella bovis*, the principal causal agent of bovine pinkeye or infectious bovine keratoconjunctivitis. This disease is a highly contagious inflammation of the cornea and conjunctiva of cattle. Coupled with the infectious bovine rhinotracheitis (IBR) virus, *M. bovis* can cause a much more severe inflammatory condition.

The incidence of pinkeye in a herd can vary greatly from year to year and usually is greatest during fly season. However, pinkeye also can occur during the winter or where flies are not particularly abundant. English breeds with less pigment around the eyes (Hereford, Holstein Shorthorn) are more susceptible than are those with completely pigmented eyes (Angus). Infections are much worse in young animals than old animals.

Pinkeye is associated with shipping stress, increased sunlight, eye irritants such as tall, rough pasture grass, and other bacteria and viruses. The eye and nose discharges of infected animals can carry the pathogens, so direct animal-to-animal contact, contaminated equipment, and animal handlers can transmit the disease. Fly control is only part of the comprehensive program needed to reduce pinkeye incidence. Your veterinarian can help you to plan and implement a total program.



## FACE FLY BIOLOGY

Face fly maggots develop in freshly deposited cattle manure. Female face flies are most readily attracted to grass-type manure and lay their eggs within 15 minutes after it is deposited. The four stage life cycle takes about 15 to 25 days. Face flies over-winter as adults in sheltered areas such as barns or attics and become active again in the spring.

## SELF-APPLICATOR FACE FLY CONTROL OPTIONS

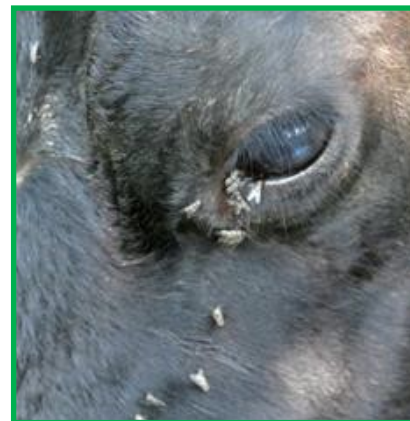
Devices that allow animals to treat themselves frequently and which target the head and face area are most effective against face flies. Even if a good pasture fly control program is in place, these insects are strong fliers so they may move in from other herds and allowing fly numbers on animals to remain high.

Backrubbers with wicks or fly flips will allow cattle to treat themselves while loafing and scratching. The insecticide should be diluted with a good grade of mineral oil (diesel oil evaporates more quickly and is harder on the cattle's skin) according to label instructions. Do not use motor oil.

Dust bags are most effective when used where cattle have to pass under them daily to get to water or mineral feeders. Best coverage occurs when the animal must lift the bag with its head to pass through. Inspect the bag regularly and recharge it as needed. Keep it dry to reduce clumping of the insecticide and premature loss of effectiveness.

Feed additives or an insecticide bolus targets face fly maggots breeding in fresh animal manure. All animals must eat a minimal dose of a feed additive regularly. Supplementary control measures must be taken to deal with flies moving in from nearby herds.

Insecticide-impregnated cattle ear tags release small amounts of an insecticide which are distributed over the animal during grooming or rubbing. Some pyrethroid tags can provide significant face fly reduction for several weeks. Self-applicator sprayers can be set up at mineral feeders or gates between fields. A switch, tripped by the animal, releases a small amount of spray. Position the nozzle so that the face is treated.



# EDEN SHALE FARM UPDATE

The growing cycle of the grass this year has been different than normal. I'm not sure if it even went dormant for more than a couple of weeks. The warmer than normal weather in February caused it to turn green but the cold nights kept it in check. March had much warmer than normal temps and the grass kept growing, although slowly. By the first of April I was optimistic that we could turn out cows a couple of weeks early. Unfortunately again, cool nights and drier than normal conditions seemed to stop the grass growth all together. As of writing in early May, the grass still seems to be waiting for more moisture before it really reaches it full growing potential.

Despite these conditions we were able to turn the herd out on grass on April 25th. This is a week or so early for our region of the state. This year Greg will have four different groups of cattle to move through the rotational grazing schedule of pastures. The mature cows will be sorted into two different groups, each with cleanup bulls. The yearling steers will be managed and rotated to avoid any interference with the mature cows, and the replacement heifers will spend the summer in the paddocks as part of the USDA grazing trial. In all, we will have about 270 head to graze for the season.

The latter part of April we were able to get our fertilizer spread on our hay ground and our winter feeding pastures. These pastures see animals at some point during the winter and therefore are grazed down pretty tight. They need a shot of fertilizer to get them to catch up with the other pastures once grass starts growing. In all, we spread 218 lbs of urea/acre on a total of approximately 150 acres.

Just to keep things interesting, the state highway department has decided to widen and improve Highway 22 along the northern border of the farm. This project will take out quite a bit of fence and change our access to some portions of the farm. They are set to do the demolition the middle of May and Greg will have to manage the rotational grazing around the construction and the lack of fence for the immediate future.



Much like the wind, this springs field day season has been strong at the farm. Since January 1st we have hosted 16 tours for a total of 198 people. These people have been from numerous counties in Kentucky, as well as from Indiana, North Carolina, Oregon, and one group of 15 people from China. The graphic shows our visitors at the farm since 2013 with the areas shaded in green representing the counties, states, and countries that have had someone visit Eden Shale Farm. If you haven't been to the farm and you would like to checkout what we are doing, make sure you visit [www.edenshalefarm.com](http://www.edenshalefarm.com).



**Friday**  
**Farmer**  
**Fundamentals**  
Every 3rd Friday Night  
Except July & January

**June 16th Topic:**

**Weed Management For Pastures & Hayfields**



United

**Producers, Inc.**

**86 Bramblett Ln,  
Owenton KY 40359**

**5:30-6:30pm  
Before The Sale  
502-484-5703**

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LEXINGTON, KY 40546



**Brunch**  
**&**  
**Learn**  
Every 3rd Wednesday  
Morning Except  
July & January



**Wednesday June 21st**  
**8:30-9:30am**  
**Before The Sale**

United

**Producers, Inc.**

**86 Bramblett Ln,  
Owenton KY 40359  
502-484-5703**

# June 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Purchase Animals: 18-20                      Breed Animals: 1, 2, 28, 29                      Wean Animals: 11, 15                      Castrate Animals: 7, 8</p>	<p><u>Best Days of June</u>                      Slaughter Livestock: 1, 2, 28, 29                      Mow to Promote Growth: 1, 2, 28, 29                      Mow to Slow Growth: 14, 15</p>	<p><b>**These dates are dates off the almanac --not Extension research**</b></p>	<p>1                      secrets</p>	<p>2                      secrets</p>	<p>3                      thighs</p>	
4	5	6	7	8	9	10
<p>thighs</p>	<p>knees</p>	<p>knees</p>	<p>legs</p>	<p>legs</p>	<p>secrets</p>	<p>feet</p>
<p>11</p>	<p>12</p>	<p>13</p>	<p>14</p>	<p>15</p>	<p>16</p>	<p>17</p>
<p>head</p>	<p>head</p>	<p>head</p>	<p>neck</p>	<p>neck</p>	<p>arms</p>	<p>arms</p>
<p>18</p>	<p>19</p>	<p>20</p>	<p>21</p>	<p>22</p>	<p>23</p>	<p>24</p>
<p>breast</p>	<p>breast</p>	<p>breast</p>	<p>heart</p>	<p>heart</p>	<p>belly</p>	<p>belly</p>
<p>25</p>	<p>26</p>	<p>27</p>	<p>28</p>	<p>29</p>	<p>30</p>	
<p>belly</p>	<p>reins</p>	<p>reins</p>	<p>secrets</p>	<p>secrets</p>	<p>thighs</p>	

# July 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Purchase Animals: 15-17 Breed Animals: 25-27 Wean Animals: 8, 13 Castrate Animals: 5, 6	<b>Best Days of July</b> Slaughter Livestock: 25-27 Mow to Promote Growth: 25-27 Mow to Slow Growth: 11, 12		**These dates are dates off the almanac --not Extension research**			
2	3 Enter Farm Crops, Garden, & Flowers 9AM-NOON 4-H Exhibit Hall	4 <b>CLOSED INDEPENDENCE DAY</b>	5 Fair	6 Organic Farm Tour 9am-12pm Mt. Vernon KY	7 Farmers Market 10 AM-1 PM	8 Sip N Shop Saturday 8:30 AM-12 PM Outside Carpenter Lane
9	10	11	12	13 Farm City Field Day 9AM - 1 PM Franklin Co	14 Farmers Market 10 AM-1 PM <b>FSA Crop Reporting Deadline</b>	15 Sip N Shop Saturday 8:30 AM-12 PM Outside Carpenter Lane
16	17	18	19	20 KSU Third Thursday Thing: Fencing & Pasture Poultry	21 Farmers Market 10 AM-1 PM	22 Sip N Shop Saturday 8:30 AM-12 PM Outside Carpenter Lane
23	24	25 Restoring the Family Farm with Organic Production Tour 9am-12pm Lex. KY	26	27 OWEN COUNTY CATTLEMEN'S ASSOCIATION 6:30 PM Extension Office	28 Farmers Market 10 AM-1 PM Master Gardener Applications Due Franklin Co. Ext	29 Sip N Shop Saturday 8:30 AM-12 PM Outside Carpenter Lane
30	31					

# Cattle Behavior and Handling with Dr. Temple Grandin

Thursday evening, September 21st - 2023  
Fayette County Extension Office - Lexington, KY



Tickets will go on sale August 4th!  
Stay tuned for more details.

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# Hay & Crops Needed

Please enter your hay, crops,  
garden items, ect in the fair!  
See fairbook for details



# MASTER LOGGER PROGRAM

JULY 18TH - 20TH  
9AM - 4PM



Want to become a certified Master Logger? Then join us for this three day intensive training. Topics may include laws, best management practice's, Chainsaw Safety, OSHA, and others. Must attend all three days for certification.

Owen County Extension Office  
265 Ellis Hwy Owenton KY 40359

Must RSVP 1.800.859.6006



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# Farmers Market Squash Sauté

- 2 cups** whole grain rotini pasta
- 3** boneless chicken breasts
- 1 tablespoon** olive oil
- 2 medium** zucchini, diced
- 4 medium** carrots, peeled and diced
- 2 medium** yellow squash, diced
- 2** garlic cloves, minced
- 2 tablespoons** fresh chopped basil
- ¾ cup** light Alfredo sauce
- 2 tablespoons** shredded Parmesan cheese

**Cook** pasta according to package directions. **Roast** chicken breasts at 400 degrees F to an internal temperature of 165 degrees F, about 25-35 minutes. **Dice** chicken into bite sized pieces. In a large sauté pan, **add** olive oil, zucchini and carrots. **Sauté** until slightly cooked. **Add** yellow squash and garlic and **sauté** until all vegetables are tender. **Remove** from heat and **stir** in basil, diced chicken and pasta. **Add** Alfredo

sauce and **toss** until ingredients are evenly coated. **Reheat** by **tossing** the ingredients in the sauté pan for 3-5 minutes over medium heat. **Sprinkle** with Parmesan cheese and **serve**.

**Yield:** 8, 1 cup servings

**Nutritional Analysis:** 230 calories, 7 g fat, 2.5 g saturated fat, 40 mg cholesterol, 210 mg sodium, 27 g carbohydrate, 4 g sugars, 18 g protein.

