



Ag and Natural Resources Newsletter

Clark County Extension Service • 1400 Fortune Drive • Winchester, KY 40391 • 859-744-4682 • clark.ext@uky.edu • <http://clark.ca.uky.edu/>



A Word from the Agent . . .

I'm officially back in the office, and my son is at home and doing fantastic! However, I could definitely use a little more sleep. Things are definitely starting to ramp up at the office between Winter School and other ag classes, and all ag classes advertised in this flyer will qualify

for CAIP education. I receive a lot of questions about educational classes at the end of the year, and this is a great way to go ahead and knock out that CAIP education class. Also, do not forget to send in your soil samples soon, because each year the lab gets backed up with samples around the end of March to May. We also have soil probes which you can borrow. There is a lot going on at the office so also follow our Facebook page to stay up to date on upcoming events! As always, please feel free to call the office at 859-744-4682 if you have any questions, and stay warm this winter!

Levi Berg

Clark County Extension Agent
for Agriculture and Natural Resources
levi.berg@uky.edu



<https://www.facebook.com/ClarkCountyExtension>

All classes
at the
Clark County
Extension Office

PRIVATE APPLICATOR

- **February 6** - 9:00 am
- **February 8** - 5:30 pm

Choose one!

BEEF QUALITY CARE ASSURANCE:

- **February 22** - 9:00 am
- **March 8** - 6:00 pm

Choose one!

(Note: There is a \$5 fee to take this class. Checks made payable to KBN)

To register, call the Clark County Extension Service at 859-744-4682 or email cynthia.carr@uky.edu

Forage Management Tips:

- Continue grazing stockpiled tall fescue available.
- Assess grass stands. If thin, consider adding legumes.
- Begin frost seeding with at least 6 lb/A red and 1 lb/A white clover on closely grazed pastures.
- On pastures with lower fertility, consider adding 10-15 lb/A annual lespedeza to the above recommendation.
- Consider applying nitrogen in mid to late February on some pastures to promote early growth.
- Sign up for shared use drills for spring renovation.

Did You Know?

It's time for SOIL TESTING

Now is the time to prepare for spring planting by getting your soil tested. Nutrient and acidity levels in soil are analyzed so adequate fertilizer and lime recommendations can be made. Your report for a routine soil test will show the amount of Phosphorus, Potassium, Calcium, Magnesium, Zinc, pH and buffer pH.

You may stop by the Extension Office between the hours of 8:00 am to 4:30 pm, Monday thru Friday, to pick up a soil probe and soil bags. There is no charge for testing your soil.



2023 CENTRAL KENTUCKY GRAIN PRODUCERS SEMINAR

Monday, February 27, 2023 ~ 9:00 am — 12:00 pm

Location: Fayette County Extension Office

1140 Harry Sykes Way, Lexington, KY

PLEASE RSVP: (859) 257-5582

LUNCH WILL BE SERVED



Dr. Chad Lee
Grain Crops Specialist

Dr. Jordan Shockley
Agriculture Economics

Dr. Steve Isaacs
Agriculture Economics

**For more information and to RSVP, contact
Fayette County Extension Office:**

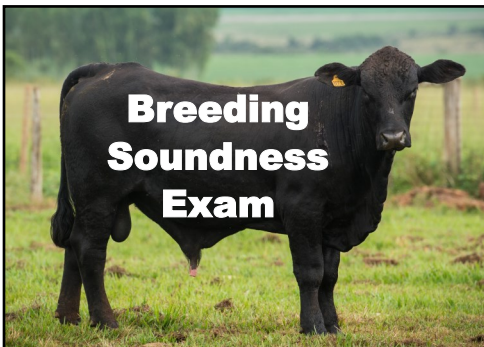
Beau Neal
(859) 257-5582
beau.neal@uky.edu



University of Kentucky
College of Agriculture,
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Cooperative Extension Service



This meeting qualifies for CAIP!



Every year, I will hear stories about how a majority of someone's cows will come up open during pregnancy checks, and I will hear excuses such as "I think this poor quality hay caused my cows to be open", or "this mineral was the problem". However, in most cases, the trusty old bull is not performing as he should, and cows are coming up open. The easiest way to combat a bunch of open cows is to have a breeding soundness exam done on your bulls.

A breeding soundness exam (BSE) is a fertility exam performed on bulls by a veterinarian. The exam looks at three components; scrotal circumference, a physical exam, and a semen evaluation. The vet will check these three areas and determine if your bull is ready for the job. Also, a BSE should be done yearly at least a few months before breeding season is done, and only takes a few minutes to perform.

Most bulls have had a BSE done when you bought the bull, but many things can affect a bull's fertility. Two main causes of decreased performance is poor health and cold temperatures. Probably the number one cause of bull infertility is cold weather. That extreme cold spell around Christmas would be enough reason to have your bull tested. Poor health can be anything from injury to infection to poor body condition score. Poor health will inhibit the bull's libido to where he just will not breed.

A breeding soundness exam is the easiest and cheapest way to determine if your bull is ready for breeding season. If you think about it, paying a vet to check your bull is going to be a lot cheaper than potentially having a large portion of your cows coming up open. Information was obtained from Dr. Les Anderson, UK Cattle Reproductive specialist. If you have further questions about BSE's, please contact the Clark County Extension Office at 859-744-4682.

**REGISTER
NOW!**

2023 Winter School

February 16, 21, and 23

6:00 pm

Clark County Extension Service

**NO
Cost!**

**Meal
Served!**

February 16: BEEF NIGHT

- *Beef Health Update*
Dr. Patrick Reister, Boonesboro Animal Clinic
- *Beef Mineral Needs*
Dr. Jeff Lemkuler, UK Beef Specialist
- *Heavy Use Feeding Pads*
Levi Berg, Clark County ANR Agent

~ Meal sponsored by Clark County Cattlemen ~

February 21: FARM NIGHT

- *Fencing Laws*
Clint Quarles, KDA Attorney
- *Drones*
Dr. Josh Jackson, UK Biosystems Engineering
- *Building Structure Water Management*
Dr. Morgan Hayes, UK Biosystems Engineering

~ Meal sponsored by Clark County Farm Bureau ~

February 23: HORT NIGHT

- *Getting Ready for Garden Pests*
Dr. Jonathan Larson, UK Entomologist
- *Perennial Vegetables for Home Garden*
Carrie Spry, Clark County Horticulture Agent

~ Meal sponsored by Clark County Extension ~

**MARK
YOUR
CALENDAR**



College of Agriculture,
Food and Environment
Cooperative Extension Service

To register, call the Clark County Extension Office at 859-744-4682
or email Cynthia Carr at cynthia.carr@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 belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

Frost Seeding Clover: Just Do It!

By: Dr. Chris Teutsch



Everyone is familiar with Nike's ad campaign that encourages people to "JUST DO IT". I am officially adopting this slogan for my 2017 Frost Seeding Campaign. Legumes are an essential part of a strong and healthy nitrogen

cycle in grasslands. Listed below are a few steps that we can take that will help to ensure that our FROST seeding's are successful:

- **Control Broadleaf Weeds**

This is best accomplished by controlling weeds the season prior to renovation.

- **Soil Test and Adjust Fertility**

In order for pasture renovation to be successful proper soil fertility is required. Lime should be applied six months prior to renovation if possible.

- **Suppress Sod and Decrease Residue**

The existing sod must be suppressed and plant residue reduced prior to seeding. The reduction in plant residue facilitates good soil-seed contact. This can be accomplished by hard grazing in late fall and early winter.

- **Ensure Good Soil-Seed Contact**

Regardless of what seeding method is chosen, good soil-seed contact is required for seed germination and emergence.

- **Seed on Proper Date**

Frost seeding legumes back into pastures is best accomplished in late winter to early spring (between February 1 and March 10). Frost seeding is accomplished by simply broadcasting the seed on the soil surface and allowing the freezing and thawing cycles to incorporate

the seed into the soil. After March 1, drilling legumes into pastures with a no-till seeder is recommend since there may not be enough freezing and thawing cycles to adequately incorporate seed. Prior planning and preparation are important so that seeding can be done in a timely manner.

- **Use High-Quality Seed of an Adapted Species**

Use either certified or proprietary seed to ensure high germination, seed genetics, and low noxious weed content. In Kentucky, a good mixture for renovating pastures is to incorporate 6-8 lbs red clover, or 1-2 lbs of ladino white clover. In low pH and fertility soils, the addition of 10-15 lbs of annual lespedeza per acre can improve soils.

- **Use Correct Seeding Rate**

Calibrate your seeder prior to planting (see instructions on calibrating forage seeding equipment below). Seeding at too high of a rate needlessly results in higher seed costs. On the other hand, seeding at too low a rate results in weak stands and lower productivity.

- **Inoculate Legume Seed**

This is relatively inexpensive insurance that legume roots will be well nodulated and efficient nitrogen fixation will take place.

- **Control Seeding Depth**

Small seeded forages should never be placed deeper than ½ inch. Placing small seeded forages too deep will result in stand failures.

- **Check Seed Distribution Pattern**

When using a spinner type spreader/seeder make sure and check you spreading pattern. Single disk spinners often throw more seed to one side if not correctly adjusted.

- **Control Post-Seeding Competition**

Clip or graze the existing vegetation to a height just above the developing seedlings. This must be done in a timely manner to ensure that the competing vegetation does not get ahead of the seedlings. For more information on frost seeding contact your local extension agent or visit Kentucky Forages at <http://www.uky.edu/Ag/Forage/>.



24th Annual Clark County FFA Consignment Auction

Saturday, **February 11** - 9:30 am

Clark County Fairgrounds
Hwy. 15, 4980 Ironworks Rd.; Winchester
(3 miles South of Winchester)

Sale will also be online via equipmentfacts.com

- Tractors
- Farm Machinery
- Construction Equipment
- Trucks
- Trailers & More

Will include several absolute items

There will be a 5% buyers convenience fee for online buyers ONLY!

NO BUYERS PREMIUM!

Consign early for future advertisement
Consign by Feb. 8 to make online catalog

Upcoming Tobacco GAP Trainings:

February 23
10:00 am - 12:00 noon
Montgomery County Extension
(106 E Locust St; Mount Sterling)
*For questions, contact
Amy Rochkes at 865-622-4606*

March 9
6:00 - 8:00 pm
Harrison County Fairgrounds
(2849 US Highway 27S; Cynthia)
*Meal served,
Call 859-234-5510 to register*

Join us for the 16th annual

Pastures Please!!

Monday, February 6th, 5:30 – 8:00 pm



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Fayette County Extension Office

1140 Harry Sykes Way, Lexington
Hosted by the UK Cooperative Extension
and UK Ag. Equine Programs

UK College of Agriculture,
Food and Environment
Equine Programs

Program

- 5:30 Refreshments
- 6:00 Pasture Recovery and Rejuvenation, Dr. Ray Smith
- 6:30 Meeting Your Equipment Needs, Dr. Morgan Hayes
- 7:00 Weed Control after a Drought, Dr. Bill Witt



RSVP online using the
QR code or call:
859-257-5582

Thank you to our sponsors:

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YAIP INFORMATION

Youth Agricultural Incentives Program (YAIP) is a cost share program designed for applicants that are enrolled in elementary, middle, high school or home school, that are at least 9 years of age by January 1, 2022, and are actively engaged in agriculture. Applications will be available at the Clark County Conservation District Office at 667 Tech Drive starting **Monday, February 27, until Friday, March 17, 2023** during the hours of 8:30 am to 4:00 pm, Monday through Friday.

For more information, contact Angie Embry at (859) 744-2322 or angela.embry@ky.nacdnet.net

YAIP INVESTMENT AREAS

- Agricultural Diversification
- Supervised Agriculture Experience
- Forage & Grain Improvement
- Animal Production
- Country Ham Projects
- Showmanship

Maximum local cost share is \$1,500.00 on a 50/50 matching basis upon the investment area completion. Submit education certification form, project Invoices & proof of payment for cost share reimbursement. (No cash receipts)

IN-PERSON

Backgrounding/Stocker Profitability Conference



Kenny Burdine



Greg Halich



Jonathan Shepherd

Department of Agricultural Economics

400 Charles E. Barnhart Building
Lexington, KY 40546-0276

(859) 257-5762 | agecon.ca.uky.edu

UK Agricultural Economics is partnering with the Kentucky Beef Network to offer a Backgrounder/Stocker Profitability Conference. This conference is funded by the Kentucky Agricultural Development Fund through the Kentucky Beef Network.

TOPICS

- Understanding the current market environment
- Cost of gain vs value of gain
- Stocker and backgrounding budget scenarios
- Key marketing concepts for margin operations
- Tax and financial management of margin operations
- Livestock Risk Protection Insurance

Registration is \$15/person, RSVP deadline is **February 20th**. Please RSVP to the Fayette County Extension Office at (859) 257-5582 or beau.neal@uky.edu.

WHEN: Friday - February 24, 2023
9:30 AM - 2:30 PM - lunch provided

WHERE: Fayette County Extension Office
1140 Harry Sykes Way Lexington, KY 40504



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Sweet Potato Crisp

3 large fresh sweet potatoes, cooked until tender.
8 ounces reduced fat cream cheese, softened
1 cup brown sugar, divided

1 teaspoon vanilla
1 tablespoon ground cinnamon
2 medium apples, chopped

½ cup all-purpose flour
¾ cup quick cooking oats
3 tablespoons butter
¼ cup chopped pecans

- 1. Preheat** oven to 350° F. Lightly spray a 13 x 9 x 2 inch pan with non-stick spray.
- 2. Mash** sweet potatoes. Add cream cheese, ¾ cup brown sugar, vanilla and cinnamon. Mix until smooth.
- 3. Spread** sweet potato mixture evenly into pan.
- 4. Top** sweet potatoes

- with chopped apples.
- 5. In** a small bowl, combine flour, oats, and ½ cup brown sugar. **Cut** in butter until mixture resembles coarse crumbles. **Stir** in pecans.
- 6. Sprinkle** mixture over apples.
- 7. Bake** uncovered for 35-40 minutes or until

topping is golden brown and fruit is tender.

Yield: 16, ¾ cup servings.

Nutritional Analysis:
240 calories, 6 g fat, 3 g sat fat, 5 mg cholesterol, 200 mg sodium, 44 g carbohydrate, 4 g fiber, 20 g sugar, 4 g protein.



Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.