

Of Cows & Plows



June 2008

2008 Farm-City Field Day



Be sure that you have July 10th marked on your calendar for the 50th Franklin County Field Day! This year's field day is located where it all started on a portion of the Smith family farm in Bridgeport. Noel & Susan Wise now own it and background cattle at the Taylor Branch Road farm.

The Field Day begins at 9:00 with wagon tours. The stops this year include Historical Introduction, Water Quality and Livestock, Sheep Husbandry, Horticulture and Metal Recycling.

After the tour there will be display booths as always. Oh yeah, don't forget the rib-eye steak lunch! The meal is provided by the VFW Post 4075 and from the Farmers Market the steak is cooked by your local Cattlemen's Association. It takes many sponsors and volunteers to make the Field Day happen. Please plan to attend for the fellowship & education and don't forget to thank the many sponsors (or become one yourself). Farm City Field Day is a function of the Frankfort-Franklin County Chamber of Commerce, Franklin County Conservation District, Franklin County Cooperative Extension Service and the Franklin County Farm Bureau.

K.A.R.E. Cost Share

The Franklin Co. Cattlemen's Association is currently taking applications for the K.A.R.E. program. Applications are currently available at the Extension Office or on-line at <http://ces.ca.uky.edu/franklin>. All applications are due **NOON June 16th**!

The following are potential cost share items under the KARE Program sponsored by the Cattlemen's Association:

1. Drilling for subsurface aquifers and wells
2. Construction of small stream water basins
3. Establishing and enhancing on-farm ponds
4. Water hook-up to city/county water lines
5. Irrigation equipment, structures, etc
6. Forage/Pasture Development
7. Pasture/Grain Improvement
8. Filter fabric pads for heavy use areas
9. Fence and water
10. Seeding: Custom Services & Rental
11. Shade cloth and other temporary or permanent agricultural shelters
12. Feeding equipment, commodity storage structures, hay wrappers, feed mixers, and silage feeding/storage equipment
13. Trailers, wagons, and other forage/commodity transportation related equipment (excludes livestock trailers)
14. Animal waste handling equipment
15. Rootstock and trees and certified, hybrid, and/or other seed varieties in conformance with the UK recommendations.

Dairy Show

June 14, 10 a.m. Lakeview Park

This show promises to be another great event thanks to Show Chair, Jackie Branham. The breeds are Ayrshire, Brown Swiss, Guernsey, Holstein, Jersey & Milking Shorthorn. The show has a huge list of sponsors and always some of the best animals and handlers. This year hosts the State Brown Swiss and North East District Holstein shows so turn out should be good!

Cattlemen's Booth at County Fair

The Fair is July 14-19. The Cattlemen's will once again have their beef booth and sell steak sandwiches, Kentucky burgers and all beef dogs. **All members should volunteer to help promote beef**, call the Extension Office or president Jim Morse to sign up. They're looking for grillers and counter workers. Do your part for your organization and your livelihood and volunteer! You'll get to see some of the fair and spend good time with good people.



Beef Show

The Franklin County Fair Beef Show is Saturday, July 5th. The Show is sponsored by the Franklin County Cattlemen's Association and starts at 9:00 AM. Brent Poole and the Show Committee have spent a lot of time and energy to update and improve the show. This will be a great chance to see some really fine examples of beef animals. Come on out and support your association and local show people.



FCCHS FFA students line up their tractors at the Extension Office while awaiting a police escort to "Drive Your Tractor to School Day".

UK FIELD DAY

JUNE 12, 2008

The U.K. College of Agriculture Field Day "Agriculture in a New Bioeconomy" will be held on the Spindletop Farm in Lexington on June 12. Registration will begin at 2:00 p.m. EST with ample time to visit exhibits. Field Clinics & Workshops will begin at 3:00 p.m. and be repeated at 4:30 p.m. Participants can select from five different topics (Hay Production, Pasture Evaluation for Horses, Setting Depth for Tobacco Transplants, Corn Growth and Development, and Invasive Woody Plant Control Methods). Meals will be available from the Fayette County Cattlemen's Association for purchase from 5:00 – 7:00.

There will be an Equine Tour beginning at 6:00 as well as one of two Field Tours (6:00 and 7:00 p.m. starting times). Each tour will feature four stops concerning various aspects of crop production including forages, tobacco, wheat, pest management, biofuels, corn and weed control. Detailed brochures including map to Spindletop are available through County Extension Offices or on the web at www.uky.edu/Ag/Forage. CCA Credits and Pesticide CEU's are available for some of the Clinics/Workshops and Field Tours.

Contact J.D. Green at 859-257-4898, or jdgreen@uky.edu. Learn more at www.uky.edu/Ag/Forage/.

FCCA Bulk Mineral Order

Call the office by June 16 with your order. Pick-up is noon – 1:00 p.m. on the 19th if weather cooperates. Plan to meet the truck at 12:00 or let us know if you can't.

Prices will increase again July 1st due to volatility of the ingredient market. Michael Peterson, KNS, says this is due to high fuel transportation costs and ingredients diverted to fertilizer among other factors.

Even at \$20 a bag your cost is only \$0.025 an oz. Animals should consume 4 ounces per day on average. This equates to less than \$36.50 a cow per year. Still a bargain if it means getting the cow bred or keeping the calf to term and birthing a live calf!

Formulations

1. UK Cow/calf Basic #5648 50lb bag	\$17.33
2. UK Beef Stocker w/ Monensin* #5880 50lb bag	\$20.53
3. UK Beef IRM w/ High-Magnesium #5881 50lb bag	\$19.53
4. KNS w/ High-Mag & Monensin* #5379 50lb bag	\$20.83
5. KNS Sheep Mineral Mix (low copper) #5570 50lb bag	\$18.35
6. KNS Pasture Mix w/ V-A + CTC (pink eye) #5898 50lb bag	\$19.58
6. White Salt (for limit feeding) #3063 50lb bag	\$ 3.80

*Toxic to horses, ponies, etc

The UK mixes are the new updated UK Beef IRM recommendations and bagged by Kentucky Nutritional Services (KNS) of Lawrenceburg. Goat and horse mixes also available, call for prices. Visit their website for more details: <http://www.kynutri.com/index.cfm>

Keenan Bishop

Keenan Bishop
County Extension Agent for Agriculture and Natural Resources



Kylen Douglas, FCHS Vo-Ag Teacher, and Ashley Harris, FFA student, educated scores of FCHS students during the "Ride Your Horse to School Day" last month. Thanks to Hilly Schiffer for the photo.

Calendar of Events

June	14	Franklin County Dairy Show
	7	District Dairy Show, Mercer Co.
	12-14	State FFA Convention, Louisville
	24-27	4-H Camp
	26	FCCA Mineral Delivery, noon
July		
	1	Farm Bureau Board Meeting
	4	Independence Day
	5	Franklin County Beef Show
	10	Farm City Field Day
	14-19	Franklin County Fair
	14	Franklin Co. Goat Show
	15	Franklin Co. Sheep Show
	16	Franklin Co. Swine Show
	17	Rabbit, Poultry, Pleasure Horse
	17	KSU Third Thursday Thing
	18	Saddlebred Horse Show
	19	Franklin Co. Walking Horse Show
	19	Show of Showman
	19	Livestock Animal Capers

Important Phone Numbers

UK

Franklin Co Extension 695-9035
 Animal Diagnostic Center 859 253-0571

USDA

NRCS 695-5203 ext 3
 FSA 695-5203 ext 2

KDA

Chemical collection 1 800 205-6543
 Hay Test 1 800 248-4628

Other

Dead Animal Removal 1 800 633-5677

UK Ag <http://www.ca.uky.edu/>

Franklin Co Extension

<http://ces.ca.uky.edu/franklin>

GOAP (Phase I, II)

<http://www.kyagpolicy.com/>

KCA

<http://www.kybeef.com/>

KDA

<http://www.kyagr.com/>

NUTRIENT VALUE OF BALED HAY

From the June "UK Forage News":

Many cow-calf farmers have asked me about the fertilizer value of nutrients contained within a bale of hay. Although the majority of hay feeding is over for the year, I believe farmers have realized that large price increases in commercial fertilizer needs to be offset by an increase in hay prices. Hay prices this past winter in our region have nearly doubled to what the price was the previous year.

A significant amount of fertility is contained within a bale of hay so we recommend feeding hay in areas where you would like to increase soil fertility. Of course, not all hay is created equal when it comes to the quantity of nutrients per ton of dry matter. Hay differs in nutrient content due to species, yield,

growing conditions including soil fertility, haying conditions, etc. Summarized below in Table 1 are estimated hay nutrient values for some of the commonly grown forages in our region.

Approximate quantities of nutrients contained per ton of hay dry matter for selected hay species.			
	N	P ₂ O ₅	K ₂ O
<u>Forage species</u>	----- lbs/ton DM -----		
Alfalfa	55*	15	60
Clover-grass mix	50*	15	60
Bromegrass	35	15	60
Tall Fescue	40	20	50
Orchardgrass	50	20	60
Timothy	40	15	60

*most of the N derived from nitrogen fixation by legumes.

As a rule of thumb, cool season grasses will contain approximately 40 lbs N, 20 lbs P₂O₅, and 55 lbs K₂O per ton of hay dry matter. However, N losses from a hay feeding system can often be in the neighborhood of 75% so that only 25% of the N contained in the hay is returned to the soil and available to be utilized by growing plants.

Our current fertilizer prices at Brookfield, MO (\$/lb) are: N \$0.62, P₂O₅ \$0.75, and K₂O \$0.50. Using the rule of thumb stated above, we estimate that there is \$67.30 worth of nutrients (N, P, and K) contained in a ton of grass hay (this equals \$40.38 worth of nutrients per 1200 lb bale). After adjusting for the expected loss of nitrogen from the system, we estimate the value of nutrients returned to the soil from feeding a 1200 pound bale of grass hay is approximately \$29.22. Remember to manage nutrient deposition (manure distribution) to areas where it is most needed by unrolling hay, moving bale rings across the landscape, or by space bale feeding.

Forage producers can reduce some of their fertilizer bill by accounting for nutrients returned through hay feeding, adding legumes to their pastures, and adjusting soil pH to near neutral. Winter feeding options that will help reduce fertilizer needs include managed (strip grazing) stockpile systems that result in uniform manure/nutrient distribution, bale feeding in areas where additional fertility is needed, unrolling hay to distribute nutrients more evenly across the pasture, and supplement feeding in areas requiring added fertility. When buying hay you should not only consider the feed value of the hay but should also consider the value of nutrients contained within the bale. Often times, purchased hay is a better deal than hay grown and baled on your own farm when considering both feed and nutrient values of the hay.

(SOURCE: David K. Davis, Superintendent, Forage Systems Research Center, April-June 2008, Forage Systems Update, Vol 17, No. 2)

Tobacco Disease Update

By Kenny Seebold



As of May 26, 2008, blue mold has not spread northward from north-central Florida. Conditions over the past week were, in general, not favorable for development of blue mold. The North American Plant Disease Forecast Center (www.ces.ncsu.edu/depts/pp/blu

emold) predicts that potential movement of inoculum from the two known sources (Cuba and FL) over the next few days will not affect our production areas.

We continue to see a significant amount of Pythium root rot and target spot on tobacco transplants around the state. The number of cases of Sclerotinia collar rot has dropped, and should continue along this path as we head into a period of very warm weather. The arrival of warmer temperatures, though, has increased the likelihood of seeing black leg (bacterial soft rot) on tobacco seedlings. I've seen two minor cases of this disease over the past week on older transplants. As with other diseases in the float system, proper management goes a long way in preventing problems with black leg. Adequate ventilation and fertility are crucial - keep air moving in greenhouses and outdoor beds to reduce leaf and stem wetness and also to keep temperatures relatively low. Make sure that N levels do not exceed 125 ppm, and avoid clipping plants when foliage is wet. Agricultural streptomycin can be applied at 100 to 200 ppm (1 to 2 tsp per gallon of spray) can be used to suppress black leg; use 6 to 9 gallons of spray solution per 1000 sq. ft. to achieve adequate coverage and protection.

For the latest blue mold status and other tobacco disease information, check the KY Blue Mold Warning System online.



<http://www.uky.edu/Agriculture/kpn/kyblue/kyblue.htm>

MANAGING WILDLIFE DAMAGE PROBLEMS IN KENTUCKY: ASSISTANCE, PROCEDURES, POLICIES AND REGULATIONS

FOR-13

Thomas G. Barnes, Extension Wildlife Specialist

The following Kentucky Fish and Wildlife Statutes (or laws) are related to wildlife damage control:

150.105. DESTRUCTION OR CONTROL OF ANIMALS CAUSING DAMAGE.

Notwithstanding any other provisions of this chapter, the commissioner may, with the approval of the commission, authorize conservation officers or any other persons to destroy or bring under control in such manner as he deems necessary any wild animals, fish or wild birds, protected and unprotected, which are causing damage to persons, property or other animals, fish or birds, or spreading diseases, and which in his judgment should be eliminated or controlled to prevent further damage.

150.170 (8). KILLING OF ANIMALS CAUSING DAMAGE.

Resident landowners, their spouses or dependent children who kill or trap on their lands any wildlife causing damage to such lands or personal property situated thereon, shall not be required to have a hunting or trapping license. Tenants or their dependent children residing upon said lands shall also have the same privilege. Upon destruction of any wildlife by the above-specified individuals, such act must be reported to the department or the resident conservation officer for the proper disposition of the carcass.

150.320. BIRDS NOT PROTECTED-NESTS AND EGGS.

(1) No person shall take any wild bird except game birds or live raptors for which there is an open season, either under the laws of Kentucky and the regulations of the department or the laws of the United States, except those birds mentioned in subsection (2) of this section.

(2) This chapter does not protect or in any way limit the taking of the crow, the starling or the English sparrow, but any persons taking any of them must have a hunting license.

(3) No person shall take, disturb or destroy the nest or eggs of any wild birds except for raptors as prescribed by regulation.



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UK Spindletop Field Day

Thursday, June 12th
Lexington

UK College of Agriculture will host a field day at Spindletop Farm near Lexington with the theme: "Agriculture in a New Bioeconomy." Hay production techniques and equipment will be demonstrated between 3 and 5:30 p.m., the same time workshops will be held on weed identification and resistant weeds, organic crop production and horse pasture evaluation. Field tours from 6 to 8 p.m. will highlight new forage varieties and species, weed management strategies, biofuel crops and pest management. Supper available for purchase compliment of the Fayette Co Cattlemen's Association.

Details inside!