



# Warren County Agriculture Newsletter

## Warren County Agricultural Diversification Program

The Mammoth Cave RC&D Council will administer an Agricultural diversification cost-share program for farmers with operations in Warren County.

Cost-share assistance will be made available on matching bases up to 50% of project costs, with a maximum grant per farm operation of \$2,000 through the Mammoth Cave RC&D-Warren County Agriculture Committee. In-kind contributions such as labor, land, etc. will not count toward the producer's share. All equipment must remain property of the applicant for a minimum of two years after receipt of grant funds.

### Inside This Issue:

Limiting Access Time to Hay	2
Technology Cost-Share	2
Calendar	3
Cow/ Calf Conference	3
Equine Industry Directory	4
Wheat Variety	4

### Eligible Investments

A summary of eligible investments that may receive support for areas listed below. The maximum amount of cost-share is \$2,000.00.

1. Vegetable and herb production
2. Fruit and sweet sorghum production including viticulture
3. Production of commercial ornamental horticulture products
4. Greenhouse construction or conversion for horticulture enterprises  
plant conversion.
5. Small animal production  
(bees, rabbits, pastured poultry, sheep, other fowl animals not included in other programs.
6. Aquaculture production
7. Equine production (no trailers allowed)
8. Direct-to-consumer livestock production
9. Agritourism Development
10. Certified / Commercial Kitchen
11. Sod Production

### Applications

Applications will be available at a **mandatory** educational session **September 29th at 6:00 pm** at the Warren County Extension Office. Attendance at the educational session is a requirement for application and applications will not be available at any other time. Applications must be completed and returned to the Warren County Extension Office or the Mammoth Cave RC&D Office by October 16th at 4:30 pm.

*Joanna W. Coles*

Joanna W. Coles  
Warren County Extension  
Agent for Agriculture and  
Natural Resources



## Technology Cost-Share Program

Warren County Farm Bureau Board is administering the Technology Cost-Share Program for precision agriculture for Warren County Farmers. Cost share will be made available on a matching basis up to 50% of the project costs, with a maximum cost share per farm operation of \$750. All equipment must remain the property of the applicant for a minimum of two years after receipt of cost share.



Applications will be available at a **mandatory** educational session **November 10<sup>th</sup> at 6:30 pm** at the Warren County Extension Office. Attendance at the educational session is a requirement for application and applications will not be available at any other time. Applications must be completed and returned to the Warren County Extension Office by November 24<sup>th</sup> at 4:30 pm.

Cost share items include: GPS Monitor/Receiver, GPS Light Bar/Guidance System, GPS Yield Monitor, Spatial Analysis Software Training (Registration Only), Computer GPS Hardware, Variable Rate Application Control Equipment, Services related to Spatial Management, and Field Meters (ph retractometer, moisture meters, ERGS, ORP/Oxygen, Sodium, MPK: to monitor nutrients, moisture, etc.)

## Limiting Access Time to Hay Stretch the Roll

By: Dr. Jeff Lehmkuhler



Having weaned calves in the fall from Spring calving cows reduces nutrient needs of cows as milk production is eliminated and fetal growth during mid-gestation is slow. Therefore, production and nutrient needs are lowest during this time frame. This period of low nutrient demand is a key time frame to implement forage conserving strategies. The following option assumes cows are in good condition and thin cows should not be managed under these strategies rather they should be separated from the herd.

Research at Purdue investigated restricting cow access to hay. When mature cows were allowed access to hay for 4, 8, 12, or 24 hours, hay disappearance which includes both hay waste and consumption was decreased with reduced access time. Body weight change did not differ between 8, 12, or 24 hours of access while restricting access to only 4 hours resulted in decreased weight gain over 50 day trial. For mature cows, to maintain both weight gain in this trial, restricting access to only 8 hours was adequate.

Restricting access time to hay resulted in a linear decrease in body weight gain in this trial, restricting access to only 8 hours was adequate. Restricting access time to hay resulted in a linear decrease in body weight gain in young, second calf cows. Keep in mind that these young cows are still growing to reach their mature size and have a greater nutrient requirements during the dry period than older, mature cows. In this work restricting access to hay to 8 hours reduced hay disappearance by approximately 15% while not effecting weight change / gains. Restricting time further to only 4 hours resulted in reduced intakes but also impacted cow body weight gain and this is not ideal for him, mature cows needing to regain body condition score or young, growing cows.

When forage supplies are tight or for producers looking to reduce annual cow costs associated with stored feeds, restricting the time that cows have access to hay can reduce hay disappearance by approximately 15% with little impact on animal performance. Additionally, the degree of restriction will be influenced by the quality of the hay. If you are considering this hay saving strategy, it is advised that you test your forages.



# Cow / Calf Conference



October 3, 2008

WKU Agriculture Expo Center  
Bowling Green, KY

8:00am - 4:00pm

Registration: \$25 for Producers; \$10 for Students

**PRE-REGISTER AT  
WWW.DICKSONCOUNTYAG.COM**

The KY Dept. of Agriculture Hay Testing Van will be onsite to allow producers to bring hay samples to have them analyzed the day of the conference.

## Meeting Agenda

8:00	Show Opens
9:00	Grazing Management Systems -Dr. Gary Lacefield
10:00	Economics of Grazing Systems -Dr. Kenny Burdine
11:00	Cattle Industry Update & Outlook -Cattle Fax
12:00	Lunch
1:45	Risk Management -Dr. Emit Rawls
2:45	On the Hoof Cattle Grading & Marketing -Warren Beeler

## Tobacco Facilities Meeting

Thursday, Oct. 23, 2008

11:00AM

### Location:

**First Stop:** Brenda Hunt Farm  
**Second Stop:** Al Pedigo Farm Fountain Run, KY

### Speakers Include:

Dr. Bob Pearce, UK Tobacco Specialist  
Dr. Paul Denton, UK/UT Tobacco Specialist

- Tobacco Barns, H-2A Housing , Seeding/Stripping/Baling/ Market Preparation Facility, Current University of Kentucky Research , Labor Efficiency Tips

### Directions

From the Scottsville square, go 0.6 mile E on E. Main Street to the intersection with HWY 98. Turn right onto HWY 98 & go 13.1 miles to the intersection of HWY 98 & HWY 100. Turn left onto HWY 100 & go 0.4 mile to the 4 – way stop at the intersection of HWY 100 & HWY 87. Turn right and go 1.1 mile to the facilities on the Brenda Turner Farm on the left. From the Turner farm, go 1.7 mile to Al Pedigo's farm. The facility will be on the right.



**Sponsored  
Lunch**

Please RSVP by October 16th at the Warren County Extension Office 270-842-1681



## Cooperative Extension Service

University of Kentucky  
Warren County  
3132 Nashville Road  
Bowling Green, KY 42101

## Equine Industry Directory

The Kentucky Horse Council publishes the Equine Industry Directory annually. The Directory is a comprehensive list of equine services available in Kentucky. The Equine Industry Directory offers a free listing to any business that services the horse industry. The free listing form can be submitted online by going to their website, [www.kentuckyhorse.org](http://www.kentuckyhorse.org) and clicking on KHC Directory. There are 3000 copies of the directory printed and distributed at horse shows, feed and track stores, the Kentucky Horse Park and various other places throughout the state.

**The UK wheat Variety performance data is available online at [www.uky.edu/ag/wheatvarietytest/](http://www.uky.edu/ag/wheatvarietytest/)**



## For More Information On Agriculture & Natural Resources Contact

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Answering your questions about crop and livestock production, farm management and marketing.