

Effects of a Freeze on Forages

When plants freeze, changes occur in their metabolism and composition that can poison livestock. But you can prevent problems.

Sorghum-related plants, like cane, sudangrass, shattercane, and milo can be highly toxic for a few days after frost. Freezing breaks plant cell membranes. This breakage allows the chemicals that form prussic acid to mix together and release this poisonous compound rapidly. Livestock eating recently frozen sorghums can get a sudden, high dose of prussic acid and potentially die. Fortunately, prussic acid soon turns into a gas and disappears into the air. So wait 3 to 5 days after a freeze before grazing sorghums; the chance of poisoning then becomes much lower.

Freezing also slows down metabolism in all plants. This stress sometimes permits nitrates to accumulate in plants that are still growing, especially grasses like oats, millet, and sudangrass. This build-up usually isn't hazardous to grazing animals, but green chop or hay cut right after a freeze can be more dangerous.

Alfalfa reacts two ways to a hard freeze, down close to twenty degrees, cold enough to cause plants to wilt. Nitrate levels can Research & Education Center Princeton, KY 42445

For more forage information, visit our UK Forage Extension Website at: <http://www.uky.edu/Ag/Forage> increase, but rarely to hazardous levels. Freezing also makes alfalfa more likely to cause bloat for a few days after the frost. Then, several days later, after plants begin to wilt or grow again, alfalfa becomes less likely to cause bloat. So waiting to graze alfalfa until well after a hard freeze is a good, safe management practice.

Frost causes important changes in forages so manage them carefully for safe feed. (SOURCE: Bruce Anderson, University of Nebraska)

Franklin County Conservation District Scrap Metal Drive

You have several weeks to start getting those piles of scrap metal gathered up and loaded. The Franklin County Conservation District's Scrap Metal and Appliance Recycling Drive starts November 7th and continues through the week to November 14th (except for Sunday November 8th) from 8:00-5:00. For details contact Eric at 695-5203 X 3.



You are encouraged to drop off all metal items and appliances for reprocessing. Old fencing, sheet metal, farm equipment, etc can be disposed of by hauling it to the site during daylight hours. Items not accepted are batteries, wet paint, shingles, tires (BUT items with Freon can be accepted). Many of these items are recyclable and should be handled accordingly. To find out how to dispose of what is not accepted; contact Mark Barrett, County Waste Coordinator, at 875-8751.



The 2008 Farm Bill created Emergency Assistance for Livestock, Honey Bees, and Farm-Raised Fish Program (ELAP). ELAP provides emergency relief to producers of livestock, honey bees, and farm-raised fish to aid in the reduction of losses because of disease, adverse weather, or other conditions, such as blizzards and wildfires, as determined by the Secretary, during the calendar year, that are not covered by the Supplemental Revenue Assistance Payments Program (SURE), Livestock Indemnity Program (LIP), and Livestock Forage Disaster Program (LFP).

For more details on eligibility and other requirements contact your local USDA-FSA office at 1-888-229-9795.

NAILE

Known as the largest all-breed, purebred livestock show in the world, the North American International Livestock Exposition (NAILE) draws nearly 22,000 entries and approximately 200,000 visitors to Louisville each year.



NAILE is much more than an ordinary showcase of livestock. Throughout the show, visitors will enjoy the Giant Country Store with its nearly 150 commercial vendors selling everything from fine jewelry and food to western clothing and farm supplies. Global industry standards are annually established during the show as breeders merchandise bloodlines and genetics to local and international interests. Altogether, more than 140 shows, sales, breed meetings, entertainment events, and judging contests are held during the 14-day event.

2009 Schedule by Show

Beef Cattle	Nov. 14 - 20
Boer and Junior Wether Goats	Nov. 18 - 19
Championship Rodeo	Nov. 12 - 14
Dairy Cattle	Nov. 6 - 10
Dairy Goats	Nov. 6 - 8
Draft Horses	Nov. 13 - 14
Giant Country Store	Nov. 7 - 20
Llamas and Alpacas	Nov. 6 - 8
Mules and Donkeys	Nov. 12 - 14
Quarter Horses	Nov. 4 - 12
Sheep	Nov. 13 - 20
Swine	Nov. 8 - 9

Census 2010

What is the Census?

- The census is a count of everyone living in the United States every 10 years.
- The census is mandated by the U.S. Constitution.
- The next census is in 2010.
- Your participation in the census is required by law.
- It takes less than 10 minutes to complete.
- Federal law protects the personal information you share during the census.
- Census data are used to distribute Congressional seats to states, to make decisions about what community services to provide, and to distribute \$400 billion in federal funds to local, state and tribal governments each year.

Bluegrass Poultry Association Fall Classic



Saturday, October 24
Lakeview Park

APA-ABA Sanctioned

Silent Auction, 50/50 Raffle, Sale Birds

Contact Stacy Stark at Stacystark@yahoo.com please put "Poultry Show Catalog" in the subject box.

Keenan Bishop

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KY Beef Conference

"Planning Today for Tomorrow's Market,"

October 27, 9:00 a.m. until 3:00 p.m. Fayette County Extension office

This year's conference will feature the most up-to-date information on beef marketing with an emphasis on herd management and marketing options. A representative from Cattle-FAX, Randy Blach, Dr. Larry Hollis, DVM, Kansas State University Extension Specialist and UK Extension Specialists, Dr. Cory Walters, Dr. Jeff Lehmkuhler will be the presenters. Topics to be covered are:

- Marketing Overview and Long-Term Marketing Trends Related to Beef
- Feed Grain Outlook
- Nutrition for Healthy Calf to Market
- Marketing Strategies for 2009-2010.
- Management Practices that Influence Marketability of the Stocker and Cow/calf Herd

Registration is \$10.00 per person to cover the cost of a buffet lunch and refreshments. For more information and to pre-register, call 695-9035 by October 16, 2009.

