



# Forage Crops (Hay Show)

Department "D"

Total Premiums Offered—\$1,890

## SHOW COORDINATORS:

BETSY RANDALL-SCHADEL, USDA APHIS PPQ, 919 855-7544

## ASSISTANT COORDINATORS:

STEVE LEMONS, Stanley County Extension Agent

LIBBY YARBER, NC Cooperative Extension

## JUDGES AND ADVISORS:

CHARLES YOUNG, NC Cooperative Extension Service, 336 219-2650

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SUE ELLEN JOHNSON, Department of Crop Science, NCSU

### Class 101

#### Prizes for this class are as follows:

1st: \$55      2nd: \$45      3rd: \$35      4th: \$30      5th: \$25      6th: \$20

#### Class      Hay Type

D00001      Alfalfa

D00002      Bermudagrass

D00003      Fescue

D00004      Orchardgrass

D00005      Other Legumes (pure clovers, soybeans, kudzu, lespedeza)

D00006      Grass—Legume Mixture (any grass with any legume in the bale)

D00007      Other warm season grasses (like millet, sudan, crabgrass, sorghum-sudan, johnsongrass)

D00008      Small Grains

D00009      Other cool season grasses (like ryegrass, bluegrass, matua prairiegrass,

## REQUIREMENTS AND INFORMATION

**PARTICIPATION:** Any hay producer in North Carolina.

**ENTRIES:** The entry process has three steps and requires two samples - a small core sample from the bale for chemical analysis and a 6" thick section from the bale from the same bale for visual analysis.

- 1) Submit the small sample for chemical analysis with \$10 fee to the NCDA&CS's Forage Testing Lab. Forms are available from your county extension office or regional agronomist. Please mark "STATE FAIR SAMPLE" at the top of the form. Send this sample to:

NCDA&CS Forage Analysis Lab  
1070 Mail Service Center,  
Raleigh, NC 27699-1070.

**Deadline September 16, 2011** for the chemical analysis sample.

- 2) Official entry form, with social security number, must be mailed and postmarked by **September 23, 2011**. Entry forms are available in the back of the State Fair Premium Book, online at [www.ncstatefair.org](http://www.ncstatefair.org) under the "Competitions" section, or at your County Extension Office. Mail the entry form to:

NC State Fair  
1025 Blue Ridge Road,  
Raleigh, NC 27607.

- 3) Hay sample for visual analysis should be a 6" thick section removed from an actual bale, either square or round, and tied well with baler twine. Hand cut samples will be disqualified. Hay not at or below the safe storage moisture level (less than 20% moisture) will be disqualified. All 6" sections should have core sampler entry/exit holes as evidence of sampling for chemical analysis.

Take hay samples to the N.C. State Fairgrounds Entry Dept. to obtain an official entry tag. Deliver tagged samples to the Graham Building after 8:00 a.m. Wednesday, October 13, but before 10:00 a.m. on Thursday, October 14. Since display space is limited, only the first six places in each category will be displayed.

**JUDGING:** Premiums will be awarded based on chemical analysis and visual criteria that are indicative of relative feed value. The final score is weighted as follows: 40% Visual, 40% TDN and 20% Crude protein, with deductions for the nitrates.

**NOTE:** The NC State Fair retains all entries for teaching purposes at North Carolina State University.

