



**FORAGE CROPS
(Hay Show)
DEPARTMENT "D"
TOTAL PREMIUMS OFFERED—\$1,890**

SHOW COORDINATORS:

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JUDGES AND ADVISORS:

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Class	Hay Type	Place					
		1	2	3	4	5	6
Section 101:							
D0001	Alfalfa	\$55	\$45	\$35	\$30	\$25	\$20
D0002	Bermudagrass	55	45	35	30	25	20
D0003	Fescue	55	45	35	30	25	20
D0004	Orchardgrass	55	45	35	30	25	20
D0005	Other Legumes (pure clovers, soybeans, kudzu, lespedeza)	55	45	35	30	25	20
D0006	Grass—Legume Mixture (any grass with any legume in the bale)	55	45	35	30	25	20
D0007	Other warm season grasses (like millet, sudan, crabgrass, sorghum-sudan, johnsongrass)	55	45	35	30	25	20
D0008	Small grains	55	45	35	30	25	20
D0009	Other cool season grasses (like ryegrass, bluegrass, matua prairiegrass, small grains)	55	45	35	30	25	20

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 18, 2009** for the chemical analysis sample.
- 2) Official **entry form**, with social security number, must be mailed and postmarked by **September 25, 2009**. Entry forms are available in the back of the State Fair Premium Book, online at 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 14, but before 10:00 a.m. on Thursday, October 15. 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.

