

Examples of Past Contest Materials – Hay and Wool Judging

Wool Class Example 1

Commercial Wool Judging Class

Rank the wool fleeces:

1st _____ 2nd _____ 3rd _____ 4th _____

Questions:

Put the number of the fleece that best answers the question in the blank space to the left of each question.

_____ 1. Which fleece will yield the most pounds of clean wool?

_____ 2. Which fleece has the finest fiber diameter?

_____ 3. Which fleece is the shortest stapled (fiber length)?

_____ 4. Between fleece 1 and 3, which has less grease?

_____ 5. Between fleece 1 and 3, which is finer?

Wool Class Example 2:

Fine Wool Class

Scenario: You are a commercial wool buyer looking for fleeces that will satisfy a specific customer in the clothing industry. This customer has requested fiber to use in wool suiting, elevating the quality target of the fleeces that you are searching for. Rank the fleeces from most to least desirable on measurements of quality that you deem important for your purchasing decision.

Questions:

_____ 1. Which fleece has the shortest staple?

_____ 2. Which fleece has the most desirable character?

_____ 3. Between 1 and 2 which fleece has more yolk?

_____ 4. Between 1 and 2 which fleece will yield the most pounds of clean wool?

_____ 5. Which fleece has the softest handle?

Rank the fleeces most (1st) to least (4th) desirable for the scenario...

Placing: _____ 1st _____ 2nd _____ 3rd _____ 4th

Hay Purchasing/Evaluation Example 1:

Rank this hay in the order that you would feed it as a supplemental protein source to 1300 lb. mature black baldy cows grazing corn stalks during mid-gestation. Feeding conditions are during late fall and early winter in the upper Midwest. This hay will be hand-fed to supply an extra half-pound of crude protein per cow per day.

Forage Analysis

	Dry	Crude				
Sample	Matter	Protein	ADF	NDF	TDN	Price/ton
1	91%	11%	35%	47%	46%	\$70
2	87%	21.0%	29%	38%	64%	\$135
3	92%	7.5%	48%	58%	42%	\$55
4	89%	18.0%	34%	45%	52%	\$90

Questions

- 1) Which hay would require the most labor to hand feed to deliver a half-pound of crude protein? _____
- 2) Which hay contains the highest percentage of alfalfa leaves? _____
- 3) Which hay is most like corn stalks in its crude protein content? _____
- 4) How many pounds of sample 2 would it take to deliver a half-pound of crude protein?
A) 1.51bs B) 2.51bs C) 4.01bs D) 5.0 lbs _____
- 5) Which of the grass hay samples appears to be less mature? _____

Hay Purchasing/Evaluation Example 2:

You are the manager of a small feedlot in central Kansas. You have just purchased a group of 75 preconditioned, bunk-broke calves that average 500 pounds. These calves have been weaned and backgrounded on grass pasture for 3 weeks. Rank these hays as they would best fit for receiving these calves.

Forage Analysis

Sample	Dry Matter	Crude Protein	ADF	NDF	TDN	Price/ton
1	89%	17%	35%	46%	64%	\$244
2	90%	12%	40%	65%	60%	\$124
3	90%	11%	41%	63%	58%	\$122
4	91%	8.5%	44%	64%	50%	\$108

Questions:

- _____ 1. Which of the following would be your greatest concern when choosing hay for a feedlot starter ration?
A) pricing/wastage B) nutrition C) bloat D) none of the above
- _____ 2. Which hay has the lowest leaf to stem ratio?
- _____ 3. Which hay has a small percentage of red clover?
- _____ 4. Which hay has the greatest potential for wastage due to fines?
- _____ 5. Approximately, how many pounds of Sample 1 would it take to deliver one-half pound of Crude Protein? A) 1.5 B) 2.0 C) 2.5 D) 3.0

Ranking: 1st _____ 2nd _____ 3rd _____ 4th _____