

Official Grain Grading Form

Crops Contest:
Grain Grading Problem #1
Student Name _____
Contestant Number _____
FFA Chapter _____
Crop: Barley

Information	Number or Percent	Grading Factor	Grade			
Sample is primarily Six-rowed barley with white aleurone layers						
Test Weight	48.0	TWT	1			
Moisture	12.0%	N/A				
Dockage	0.6%	N/A				
Other Factors:						
Suitable malting type	100%					
Skinned and broken kernels	3.0%	S&B	1			
Diseased barley	1.0%	DK	2			
Barley that passes through a 5/64 x 3/4 slotted-hole sieve	8.0%	Thin	2			
Sprout-damaged barley	1.5%	DK	2			
Wild oats	1.0%	Sound	2	Sound =100- DK(2.5)- WO(1.0)=96.5		

Final Grade: U.S. No. 2 Six-rowed Malting Barley, Dockage 0.6%

Grading Factors:

Sound Barley
Damaged Kernels
Thin barley

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Crops Contest:
 Grain Grading Problem #2
 Student Name _____
 Contestant Number _____
 FFA Chapter _____
 Crop: Corn

Information	Number or Percent	Grading Factor	Grade			
The sample consists of more than 95% Yellow Corn						
Test Weight	56.2	TWT	1			
Moisture	15.5%	N/A				
Dockage	N/A					
Other Factors:						
Heat-damaged kernels	0.3%	HD	3			
Mold-damaged kernels	5.0%	Dam (TOT)	3			
Broken Corn and Foreign material	2.6%	BCFM	2			

Final Grade: U.S. No. 3 Yellow Corn

Grading Factors:

Heat-damaged kernels
Damaged Kernels Total

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<p>Crops Contest:</p> <p>Grain Grading Problem #3</p> <p>Student Name _____</p> <p>Contestant Number _____</p> <p>FFA Chapter _____</p> <p>Crop: Soybean</p>
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Information	Number or Percent	Grading Factor	Grade			
The sample consists of more than 95% Yellow Soybean						
Test Weight	60.6	N/A				
Moisture	10.5%	N/A				
Dockage	N/A					
Other Factors:						
Splits	2.1%	Splits	1			
Heat-damaged soybean	0.2%	HD	1			
Foreign material	1.9%	FM	2			

Final Grade: U.S. No. 2 Yellow Soybeans

Grading Factors:

Foreign Material

SEED ANALYSIS PRACTICUM

Contestant Name _____ Contestant No. _____

Answer the following questions about the sample. Put your answers on the answer sheet provided. 5 points per question (50 points Total)

1. Identify the base sample
 - a. Durum wheat
 - b. Hard Red Spring wheat**
 - c. Flax
 - d. Oats
 - e. Six-rowed barley
2. How many other crops are in the sample?
 - a. None
 - b. One**
 - c. Two
 - d. Three
 - e. Four
3. An add mixture is:
 - a. Buckwheat
 - b. Oat**
 - c. Rye
 - d. Six-rowed barley
 - e. None of the above
4. An add mixture is:
 - a. Field bindweed
 - b. Field pennycress**
 - c. Quackgrass
 - d. Wild sunflower
 - e. None of the above
5. An add mixture is:
 - a. Giant foxtail**
 - b. Yellow foxtail
 - c. Both of these
 - d. Neither of these
6. An add mixture is:
 - a. Barnyardgrass
 - b. Common ragweed**
 - c. Dandelion
 - d. Wild mustard
 - e. None of these
7. An add mixture is:
 - a. Common lambsquarters
 - b. Kochia
 - c. Redroot pigweed**
 - d. Velvetleaf
 - e. None of the above
8. An add mixture is:
 - a. Alfalfa
 - b. Dodder
 - c. Shepherds purse
 - d. Triticale
 - e. None of the above**
9. How many Prohibited weeds are in the sample?
 - a. None**
 - b. One
 - c. Two
 - d. Three
 - e. Four
10. How many Restricted weeds are in the sample?
 - a. None
 - b. One
 - c. Two**
 - d. Three
 - e. Four