

Grain Grading Answer Sheet Southmont High School Invitational 2009

GRADE AND KIND								
U.S. No. 3 Yellow Corn								
TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*56.0 lbs	* 13.2 %	*0.3 %	0.3 %	%	%	*3.6%	%	%

Sample #1	REMARKS
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GRADE AND KIND								
U.S. No. 1 Yellow Corn								
TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*56.5 lbs	*14.0 %	%	*3.0 %	%	%	*1.5 %	%	%

Sample #2	REMARKS
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GRADE AND KIND								
U.S. Sample Grade Yellow Corn, Infested								
TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*55.0 lbs	*13.7 %	%	%	4.5 %	%	%	%	%

Sample #3	REMARKS **Distinctly Low Quality (Concrete)
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GRADE AND KIND								
U.S. No. 1 Mixed Corn								
TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*56.0lbs	*13.0%	%	*1.3%	%	%	*2.0%	%	%

Sample #4	REMARKS *Yellow Corn 89.0% *White Corn 9.0%
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GRADE AND KIND
U.S. No. 4 Yellow Soybeans

TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*59.0lbs	*13.7%	%	0.8%	*3.2 %	19.2 %	%	%	%

Sample #5

REMARKS
 Soybeans of Other Colors 1.0%

GRADE AND KIND
U.S. No. 3 Mixed Soybeans, Purple Mottled or Stained

TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*56.0 lbs	*13.2%	%	%	*2.8%	*20.6 %	%	%	%

Sample #6

REMARKS
 *Black Soybeans 100.0%

GRADE AND KIND
U.S. No. 2 Soft Red Winter Wheat, Treated (Washed), Dockage 4.4%

TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*60.0lbs	*13.2%	%	1.2 %	*0.5 %	%	%	*3.2 %	*4.9%

Sample #7

REMARKS

GRADE AND KIND
U.S. Sample Grade Soft Red Winter Wheat, Dockage 6.0%

TEST WEIGHT PER BUSHEL	MOISTURE	HEAT DAMAGED KERNELS	DAMAGED KERNELS (TOTAL)	FOREIGN MATERIAL	SPLITS	BROKEN CORN AND FOREIGN MATERIAL	SHRUNKEN AND BROKEN KERNELS	DEFECTS (TOTAL)
*61.0 lbs	*13.0%	%	%	0.7%	%	%	3.2%	3.9%

Sample #8

REMARKS
 Stones