

## Grain Grading Answer Sheet State Contest 2009

GRADE AND KIND								
U.S. No. 2 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	* 12.4%	*0.2 %	0.5 %	%	%	*2.9%	%	%

Sample #1	REMARKS
-----------	---------

GRADE AND KIND								
U.S. No. 3 White Corn, Flint and Dent, Flint Corn 93.0%								
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)
*55.0 lbs	*14.1 %	%	4.1 %	%	%	*3.2%	%	%

Sample #2	REMARKS
-----------	---------

GRADE AND KIND								
U.S. Sample Grade White 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	*13.6 %	%	1.4 %	%	%	2.2 %	%	%

Sample #3	REMARKS  **Commercially Objectionable Foreign Odor
-----------	--

GRADE AND KIND								
U.S. No. 5 Mixed Corn, Waxy								
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)
*55.0lbs	*16.0%	*1.6 %	1.6%	%	%	3.3%	%	%

Sample #4	REMARKS  *White Corn 96.0% *Yellow Corn 4.0%
-----------	---

**GRADE AND KIND**  
**U.S. No. 3 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)
*54.0lbs	*12.0%	0.3 %	2.7%	1.2 %	12.2 %	%	%	%

Sample #5

REMARKS  
 \*Soybeans of Other Colors 4.8%

**GRADE AND KIND**  
**U.S. No. 3 Mixed 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)
*56.0 lbs	*15.0%	*0.7 %	2.0 %	%	%	%	%	%

Sample #6

REMARKS  
 \*Yellow Soybeans 88.0%  
 \*Black Soybeans 12.0%

**GRADE AND KIND**  
**U.S. No. 3 Soft Red Winter Wheat, Dockage 4.3%**

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%	*0.5%	0.7 %	0.7 %	%	%	3.2 %	4.6%

Sample #7

REMARKS  
 \*Contrasting Classes 2.1%  
 Wheat of Other Classes (Total) 2.1%

**GRADE AND KIND**  
**U.S. Sample Grade Soft Red Winter Wheat, Treated (Limed) 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)
*60.0 lbs	*10.4%	%	1.2 %	%	%	%	12.2%	13.3%

Sample #8

REMARKS  
 \*Cumulative Total  
 Contrasting Classes 4.0%  
 Wheat of other Classes (Total) 4.0%