

Name KEY KEY School KEY Contestant Number KEY

**2017 State Grain Grading Answer Sheet Score     /200**

Sample 1  
Score     /25

GRADE AND KIND U.S. <del>No.</del> Sample Grade Mixed Corn, Infested								
TEST WEIGHT PER BUSHEL 58.3* LBS.	MOISTURE 13.9%	HEAT DAMAGED KERNELS %	DAMAGED KERNELS (TOTAL) 5.2%	FOREIGN MATERIAL %	SPLITS %	BROKEN CORN AND FOREIGN MATERIAL 7.4%	SHRUNKEN AND BROKEN KERNELS %	DEFECTS (TOTAL) %

Sample #1

REMARKS  
Yellow Corn 94.4%\*  
Red Corn 5.6%\*  
Commercially Objectionable Foreign Odor\*

Sample 2  
Score     /25

GRADE AND KIND U.S. No. 4 White Corn								
TEST WEIGHT PER BUSHEL 49.0* LBS.	MOISTURE 12.8%	HEAT DAMAGED KERNELS 1.0 %	DAMAGED KERNELS (TOTAL) 4.7 %	FOREIGN MATERIAL %	SPLITS %	BROKEN CORN AND FOREIGN MATERIAL %	SHRUNKEN AND BROKEN KERNELS %	DEFECTS (TOTAL) %

Sample #2

REMARKS

Sample 3  
Score     /25

GRADE AND KIND U.S. No. 5 White Corn, Infested								
TEST WEIGHT PER BUSHEL 50.7* LBS.	MOISTURE 12.0%	HEAT DAMAGED KERNELS %	DAMAGED KERNELS (TOTAL) %	FOREIGN MATERIAL %	SPLITS %	BROKEN CORN AND FOREIGN MATERIAL 6.2%	SHRUNKEN AND BROKEN KERNELS %	DEFECTS (TOTAL) %

Sample #3

REMARKS

Sample 4  
Score     /25

GRADE AND KIND U.S. <del>No.</del> Sample Grade Yellow Corn								
TEST WEIGHT PER BUSHEL 56.6* LBS.	MOISTURE 14.4%	HEAT DAMAGED KERNELS 1.2 %	DAMAGED KERNELS (TOTAL) 6.6%	FOREIGN MATERIAL %	SPLITS %	BROKEN CORN AND FOREIGN MATERIAL 7.5%	SHRUNKEN AND BROKEN KERNELS %	DEFECTS (TOTAL) %

Sample #4

REMARKS  
Distinctly Low Quality (Pieces of Concrete)\*  
Unknown Foreign Substances\*

**GRADE AND KIND**  
**U.S. No. 3 Yellow Soybeans**

**Sample 5**  
**Score \_\_\_\_/25**

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)
60.9* LBS.	17.0* %	%	4.4%	2.4* %	%	%	%	%

Sample #5

REMARKS  
 Soybeans of Other Colors 3.2%\*

**GRADE AND KIND**  
**U.S. No. 4 Mixed Soybeans**

**Sample 6**  
**Score \_\_\_\_/25**

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)
56.8* LBS.	16.5*%	1.1%*	1.1%	1.2%	20.5%	%	%	%

Sample #6

REMARKS  
 Bi-Colored Soybeans 90.2%\*  
 Brown Soybeans 9.8%\*

**GRADE AND KIND**  
**U.S. No. 3 Soft Red Winter Wheat, Dockage 2.6%**

**Sample 7**  
**Score \_\_\_\_/25**

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)
61.2* LBS.	14.3*%	%	0.4%	%	%	%	3.8%	%

Sample #7

REMARKS  
 Contrasting Classes 1.4%  
 Wheat of Other Classes (Total) 6.2%\*

**GRADE AND KIND**  
**U.S. No. 5 Soft Red Winter Wheat, Smutty, Dockage 6.0%**

**Sample 8**  
**Score \_\_\_\_/25**

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)
60.3* LBS.	14.2*%	0.9 %	0.9%	3.9%	%	%	3.3 %	8.1%

Sample #8

REMARKS

