



# NEWS RELEASE

## NATIONAL AGRICULTURAL STATISTICS SERVICE

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### 2018 KANSAS WHEAT QUALITY

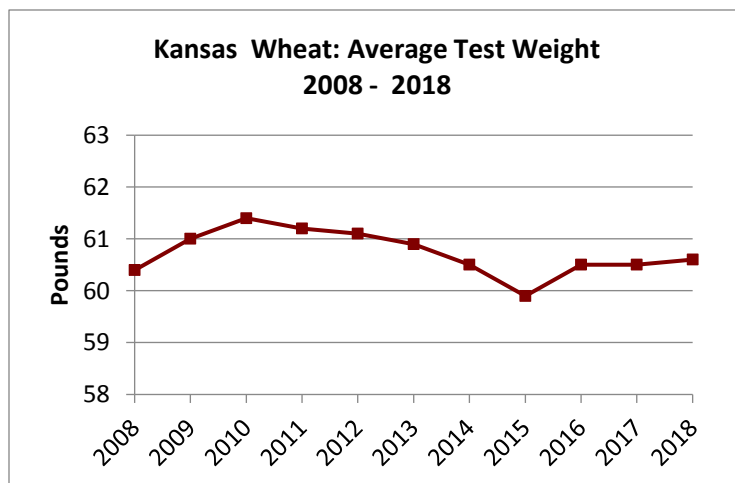
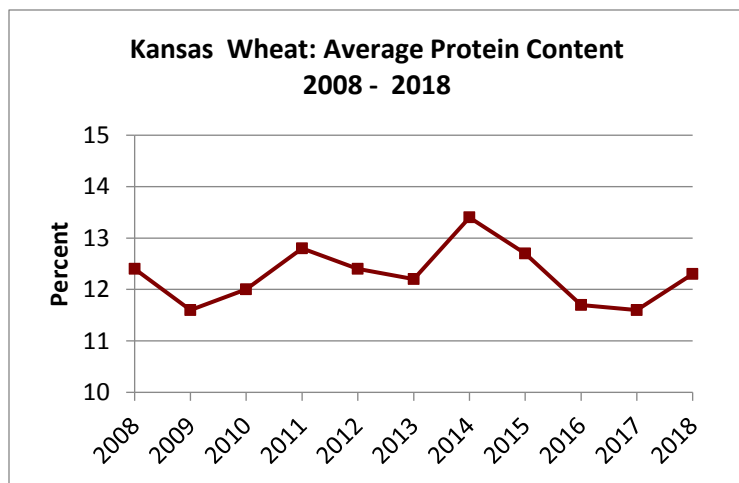
**MANHATTAN, Kan. September 6, 2018** – Preliminary data for the 2018 crop year from 6,826 carlot samples from 48 counties showed an average test weight of 60.6 pounds per bushel, according to the USDA’s National Agricultural Statistics Service and Kansas Grain Inspection Service, Inc. For comparison purposes, last year’s crop averaged 60.5 pounds, while the 10-year average was 60.7 pounds per bushel.

Protein content averaged 12.3 percent, up 0.7 percentage point from 2017, and equal to the 10-year average. The West Central District had the highest protein content at 12.7 percent. Statewide, moisture content averaged 11.4 percent, above 11.3 percent last year and the 10-year average of 11.3.

Samples of wheat grading No. 1, at 71 percent, were up from 67 percent last year. Twenty-seven percent graded No. 2, compared to 30 percent in 2017, and 2 percent graded No. 3 or below. Wheat samples averaged 0.3 percent damaged kernels, down 0.1 percentage point from 2017, and equal to the 10-year average. Samples tested had 0.1 percent foreign material on average, unchanged from last year, and equal to the 10-year average. Shrunken and broken kernels averaged 1.3 percent, up 0.2 percentage point from 2017, and equal to the 10-year average. Total defects averaged 1.6 percent, unchanged from 2017, and down 0.1 percentage point from the 10-year average. Average dockage for all samples was 0.5 percent, down 0.1 percentage point from last year.

There were 4,443 samples voluntarily submitted for inspection in the 2018 crop year. The test weight for these samples averaged 60.3 pounds per bushel, while protein was 12.9 percent and moisture content averaged 11.4 percent. Seventy-six percent of the submitted samples graded No.1 while 18 percent graded No. 2 and 6 percent graded No. 3 or below.

This is the only wheat quality release for the 2018 wheat harvest. Test weight, protein content, grade and defect samples are representative of wheat samples moving in commercial rail cars and truck lots as tested by Kansas Grain Inspection Service, Inc. The data are summarized by the USDA’s National Agricultural Statistics Service. Collection and publication services are funded by the Kansas Wheat Commission.



## Kansas Winter Wheat Quality Data, 2018, 2017, and 10-year Average

District & Year <sup>1</sup>	Samples Tested <sup>2</sup>	Test Weight	Protein <sup>3</sup>	Moisture	Grade			Defects				Average Dockage All Samples
					1	2	All Other Grades	Damaged Kernels (Total)	Foreign Material	Shrunken & Broken Kernels	Total <sup>4</sup>	
					Percent of Samples			Percent				
	Lbs.	Percent		Percent of Samples			Percent				Percent	
<b>Northwest</b>												
2018	789	60.7	12.6	11.5	87	13	0	0.3	0.0	1.1	1.4	0.4
2017	1,463	59.3	11.9	11.2	25	70	5	0.2	0.0	1.2	1.5	0.6
2008 - 2017 Avg.		60.8	12.1	11.3				0.3	0.0	1.2	1.5	
<b>West Central</b>												
2018	969	60.0	12.7	11.3	43	53	4	0.2	0.0	1.2	1.4	0.5
2017	1,071	59.6	12.0	11.1	29	51	20	0.3	0.0	1.2	1.4	0.6
2008 - 2017 Avg.		61.1	12.2	11.2				0.2	0.0	1.2	1.4	
<b>Southwest</b>												
2018	1,009	59.8	12.2	10.8	37	63	0	0.3	0.1	1.3	1.6	0.5
2017	3,147	60.4	12.0	10.9	56	44	0	0.3	0.0	1.2	1.5	0.7
2008 - 2017 Avg.		60.9	12.8	10.7				0.2	0.0	1.3	1.5	
<b>North Central</b>												
2018	497	60.9	12.3	11.7	82	18	0	0.3	0.1	1.2	1.5	0.5
2017	1,863	61.6	11.7	11.6	90	8	2	0.5	0.1	1.0	1.6	0.6
2008 - 2017 Avg.		60.7	12.2	11.7				0.4	0.1	1.4	1.8	
<b>Central</b>												
2018	1,317	60.5	12.6	11.6	68	26	6	0.4	0.1	1.3	1.8	0.6
2017	2,670	60.6	11.5	11.3	90	9	1	0.5	0.1	1.0	1.6	0.5
2008 - 2017 Avg.		60.7	12.4	11.4				0.4	0.1	1.3	1.7	
<b>South Central</b>												
2018	1,830	61.3	12.0	11.5	87	12	1	0.4	0.1	1.4	1.9	0.6
2017	1,893	61.0	10.7	11.6	81	18	1	0.6	0.1	1.1	1.7	0.6
2008 - 2017 Avg.		60.6	12.0	11.3				0.4	0.2	1.3	1.8	
<b>Northeast</b>												
2018	33	60.7	11.1	11.2	97	3	0	0.7	0.1	1.3	2.1	0.7
2017	179	60.5	11.2	11.4	98	2	0	0.8	0.1	1.1	2.0	0.6
2008 - 2017 Avg.		60.6	12.1	12.1				0.9	0.1	1.0	2.0	
<b>East Central</b>												
2018	11	62.2	10.7	12.2	100	0	0	0.4	0.0	0.7	1.1	0.4
2017	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2008 - 2017 Avg.		60.7	11.7	11.8				0.9	0.1	1.1	2.1	
<b>Southeast</b>												
2018	371	61.0	11.8	12.1	93	7	0	0.3	0.0	1.1	1.4	0.6
2017	563	60.7	10.5	12.5	69	29	2	1.0	0.0	0.8	1.8	0.6
2008 - 2017 Avg.		59.3	11.6	12.1				1.2	0.1	1.2	2.5	
<b>STATE</b>												
2018	6,826	60.6	12.3	11.4	71	27	2	0.3	0.1	1.3	1.6	0.5
2017	12,851	60.5	11.6	11.3	67	30	3	0.4	0.1	1.1	1.6	0.6
2008 - 2017 Avg.		60.7	12.3	11.3				0.3	0.1	1.3	1.7	

<sup>1</sup>2018 includes samples from May 18, 2018 – August 17, 2018. 2017 includes samples from June 13, 2017 – August 21, 2017.

<sup>2</sup>Samples tested represent data from inspection certificates of railroad cars (truckloads are converted to carlot equivalents). Summarized data include old crop and new crop wheat moving from first point of sale and inspected by the Kansas Grain Inspection Service, Inc.

<sup>3</sup>Protein content is on a 12% moisture basis.

<sup>4</sup>Total defects may not sum due to rounding.

<sup>(D)</sup>Withheld to avoid disclosing data for individual operations