



# WHEAT QUALITY

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SPECIAL PRESS RELEASE

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## Protein and Test Weight Down Slightly from Last Year

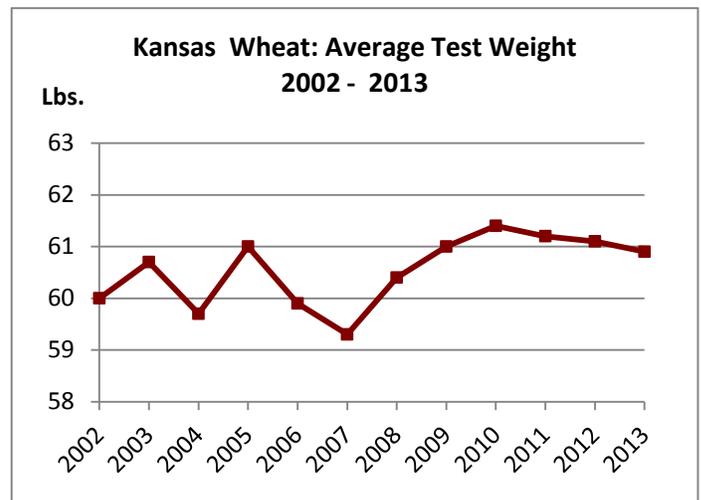
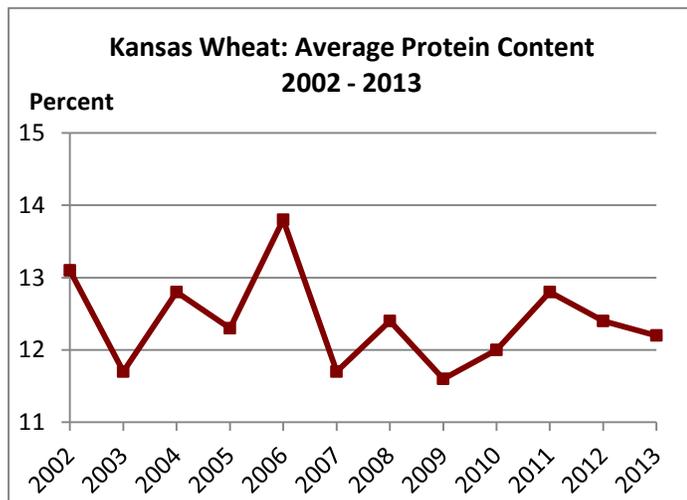
Preliminary data from 16,143 carlot samples from 51 counties showed an average test weight of 60.9 pounds per bushel, according to USDA's National Agricultural Statistics Service and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 61.1 pounds, while the 10-year average from 2002 - 2011 was 60.6 pounds per bushel.

Protein content averaged 12.2 percent, down from 12.4 percent for 2012 and also below 12.4 percent for the 10-year average. The Southwest District led the State with 13.2 percent protein, a 0.3 percent decrease from last year but 0.3 percent above the 2002 - 2011 average. Statewide, moisture content averaged 10.9 percent, down from 11.1 percent last year and down from 11.3 percent for the 10-year average.

Samples of wheat grading No. 1, at 85 percent, were up 2 points from 83 percent last year. Fourteen percent graded No. 2, compared to 16 percent in 2012, and only 1 percent graded No. 3 or below. Wheat samples averaged 0.2 percent damaged kernels, the same as 2012 but down from 0.4 for the 10-year average. Samples tested had less than 0.1 percent foreign material on average, the same as 2012 but below the 10-year average. Shrunken and broken kernels averaged 1.4 percent, unchanged from 2012 but higher than the 10-year average of 1.2. Total defects averaged 1.7 percent, compared to 1.6 in 2012 and 1.7 for the 10-year average. Average dockage for all samples was 0.6 percent, up from last year.

There were 3,099 samples voluntarily submitted for inspection in the 2013 crop year. The test weight for these samples averaged 59.6 pounds per bushel, while protein was 13.4 percent and moisture content was 10.9 percent. Sixty-three percent of the submitted samples graded No.1 while 31 percent graded No. 2 and 6 percent graded No. 3 or below.

This is the only wheat quality release for the 2013 wheat harvest. Test weight, protein content, grade and defect determinations are made by the Kansas Grain Inspection Service Inc. The data are summarized by USDA's National Agricultural Statistics Service. Collection and publication services are funded by the Kansas Wheat Commission.



**Kansas Winter Wheat Quality Data, 2012 - 2013 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>	
					Lbs.	Percent	Percent of Samples	Average Percent			Percent	
<b>Northwest</b>												
2013	549	60.8	13.0	10.8	96	4	0	0.1	0.0	1.4	1.5	0.7
2012	1,056	61.2	11.4	10.6	91	9	0	0.1	0.0	1.1	1.2	0.5
2002 - 2011 Avg.		60.3	12.6	11.1				0.3	0.0	1.2	1.5	
<b>West Central</b>												
2013	173	61.7	12.5	10.5	91	9	0	0.0	0.0	1.2	1.3	0.4
2012	574	60.8	12.5	10.9	86	13	1	0.0	0.0	1.2	1.3	0.6
2002 - 2011 Avg.		60.7	12.5	11.0				0.4	0.0	1.3	1.7	
<b>Southwest</b>												
2013	1,476	60.6	13.2	10.1	70	29	1	0.1	0.0	1.6	1.7	0.6
2012	2,567	60.7	13.5	10.6	86	14	0	0.1	0.0	1.6	1.7	0.6
2002 - 2011 Avg.		60.8	12.9	10.9				0.3	0.0	1.3	1.6	
<b>North Central</b>												
2013	3,824	61.2	11.9	11.2	96	4	0	0.3	0.0	1.4	1.7	0.5
2012	1,933	61.3	12.0	11.4	83	16	1	0.3	0.1	1.4	1.8	0.6
2002 - 2011 Avg.		60.8	12.3	11.5				0.3	0.1	1.2	1.6	
<b>Central</b>												
2013	4,060	60.8	12.1	10.8	76	20	4	0.3	0.0	1.4	1.8	0.5
2012	1,531	61.0	12.6	11.3	76	23	1	0.3	0.1	1.5	1.9	0.5
2002 - 2011 Avg.		60.8	12.4	11.5				0.3	0.1	1.2	1.6	
<b>South Central</b>												
2013	4,668	60.8	11.6	11.0	85	14	1	0.2	0.1	1.5	1.9	0.6
2012	2,294	61.4	11.8	11.4	83	16	1	0.2	0.1	1.2	1.5	0.4
2002 - 2011 Avg.		60.4	12.1	11.5				0.4	0.2	1.3	1.8	
<b>Northeast</b>												
2013	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2012	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2002 - 2011 Avg.		0.0	0.0	0.0				0.0	0.0	0.0	0.0	
<b>East Central</b>												
2013	400	61.1	11.2	12.3	98	2	0	0.2	0.0	0.8	1.1	0.6
2012	279	61.2	11.6	11.4	97	3	0	0.6	0.1	1.2	1.9	0.5
2002 - 2011 Avg.		60.3	11.4	11.9				0.9	0.1	1.1	2.0	
<b>Southeast</b>												
2013	993	61.1	11.0	11.7	94	6	0	0.0	0.0	1.1	1.2	0.7
2012	966	61.3	11.3	11.8	64	35	1	0.1	0.0	0.9	1.0	0.5
2002 - 2011 Avg.		58.8	11.5	12.1				1.2	0.1	1.2	2.4	
<b>STATE</b>												
2013	16,143	60.9	12.2	10.9	85	14	1	0.2	0.0	1.4	1.7	0.6
2012	11,200	61.1	12.4	11.1	83	16	1	0.2	0.0	1.4	1.6	0.5
2002 - 2011 Avg.		60.6	12.4	11.3				0.4	0.1	1.2	1.7	

<sup>1</sup> 2013 includes samples from June 4, 2013 – August 15, 2013. 2012 includes samples from May 20, 2012 – August 15, 2012.

<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.