



WHEAT QUALITY

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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SPECIAL PRESS RELEASE

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Protein Up While Test Weight Down Slightly from Last Year

Preliminary data from 10,168 carlot samples from 51 counties showed an average test weight of 61.2 pounds per bushel, according to Kansas Agricultural Statistics and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 61.4 pounds, while the 10-year average from 2000 - 2009 is 60.4 pounds per bushel.

Protein content averaged 12.8 percent, up from 12.0 percent for 2010 and 12.3 percent for the 10-year average. The Central District led the State with 13.3 percent protein, a 1.2 percent jump from last year and the 10-year average. Statewide, moisture content averaged 11.0 percent, down from 11.2 percent last year and down from 11.4 percent for the 10-year average.

Samples of wheat grading No. 1, at 86 percent, were down 3 points from 89 percent last year. Thirteen percent graded No. 2, compared to 10 percent in 2010. Only 1 percent graded No. 3 or below. Wheat samples averaged 0.2 percent damaged kernels, compared to 0.3 for 2010 and 0.4 for the 10-year average. Samples tested had less than 0.1 percent foreign material on average, below both 2010 and the 10-year average. Shrunken and broken kernels averaged 1.1 percent, the same as 2010 but below 1.3 for the 10-year average. Total defects averaged 1.4 percent, compared to 1.5 in 2010 and 1.8 for the 10-year average. Average dockage for all samples was 0.5 percent, the same percentage as last year.

There were 2,554 samples voluntarily submitted for inspection in the 2011 crop year. The test weight for these samples averaged 60.7 pounds per bushel, 13.3 percent protein, and 11.3 percent moisture. These submitted samples graded No. 1, 78 percent; No. 2, 19 percent; and 3 percent other grades.

This is the only wheat quality release to be made for the 2011 wheat harvest. Test weight, protein content, grade and defect determinations are made by the Kansas Grain Inspection Service Inc. The data are summarized by Kansas Agricultural Statistics. Collection and publication services are funded by the Kansas Wheat Commission.

Wheat Quality Data, 2010 - 2011 and 10-year Average

District & Year ¹	Samples Tested ²	Test Weight	Protein ³	Moisture	Grade			Defects				Average Dockage All Samples
					1	2	All Other Grades	Damaged Kernels (Total)	Foreign Material	Shrunken & Broken Kernels	Total ⁴	
					Lbs.	Percent	Percent of Samples	Average Percent			Percent	
Northwest												
2011	1,769	60.8	11.7	11.1	86	13	1	0.2	0.0	1.1	1.3	0.5
2010	1,818	61.5	11.6	11.5	95	5	0	0.3	0.0	1.1	1.4	0.6
2000 - 2009 Avg.		59.8	12.9	11.1				0.3	0.0	1.4	1.7	
West Central												
2011	365	61.0	13.1	10.7	85	14	1	0.0	0.0	1.1	1.2	0.5
2010	770	62.2	11.8	11.3	99	1	0	0.0	0.0	1.1	1.1	0.5
2000 - 2009 Avg.		60.4	12.4	11.1				0.4	0.0	1.5	1.9	
Southwest												
2011	1,329	61.5	13.2	10.4	95	5	0	0.1	0.0	1.3	1.4	0.5
2010	2,839	62.0	12.5	10.7	91	9	0	0.1	0.0	1.1	1.2	0.5
2000 - 2009 Avg.		60.6	12.9	11.0				0.3	0.0	1.4	1.8	
North Central												
2011	3,387	60.6	12.6	11.6	83	16	1	0.3	0.1	1.2	1.7	0.5
2010	885	60.6	11.9	11.4	83	17	0	0.5	0.1	1.2	1.7	0.4
2000 - 2009 Avg.		60.7	12.3	11.7				0.3	0.1	1.3	1.6	
Central												
2011	1,760	61.4	13.3	11.3	78	21	1	0.3	0.1	0.9	1.4	0.4
2010	1,401	61.7	12.1	11.3	91	9	0	0.3	0.1	1.0	1.3	0.5
2000 - 2009 Avg.		60.6	12.1	11.7				0.3	0.1	1.3	1.7	
South Central												
2011	1,119	62.2	12.4	10.8	97	3	0	0.1	0.1	1.0	1.2	0.4
2010	2,235	61.0	12.1	11.2	78	16	6	0.4	0.2	1.0	1.6	0.4
2000 - 2009 Avg.		60.3	11.9	11.7				0.4	0.2	1.4	1.9	
Northeast												
2011	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2010	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2000 - 2009 Avg.		0.0	0.0	0.0				0.0	0.0	0.0	0.0	
East Central												
2011	8	60.8	11.9	11.4	62	25	13	1.7	0.1	1.1	2.9	0.8
2010	45	60.5	11.1	11.4	76	20	4	0.4	0.1	1.2	1.6	0.8
2000 - 2009 Avg.		60.3	11.3	12.1				0.8	0.1	1.0	2.0	
Southeast												
2011	431	61.1	11.8	12.0	87	12	1	0.1	0.1	1.0	1.1	0.5
2010	176	58.2	12.4	12.2	21	23	56	1.5	0.1	1.3	2.9	0.8
2000 - 2009 Avg.		58.9	11.2	12.3				1.1	0.1	1.2	2.3	
STATE												
2011	10,168	61.2	12.8	11.0	86	13	1	0.2	0.0	1.1	1.4	0.5
2010	10,169	61.4	12.0	11.2	89	10	1	0.3	0.1	1.1	1.5	0.5
2000 - 2009 Avg.		60.4	12.3	11.4				0.4	0.1	1.3	1.8	

¹ 2011 includes samples from June 15, 2011 – August 15, 2011. 2010 includes samples from June 15, 2010 – August 19, 2010.

² 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.

³ Protein content is on a 12% moisture basis.

⁴ Total defects may not sum due to rounding.