



WHEAT QUALITY

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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SPECIAL PRESS RELEASE

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Protein and Test Weight Down Slightly from Last Year

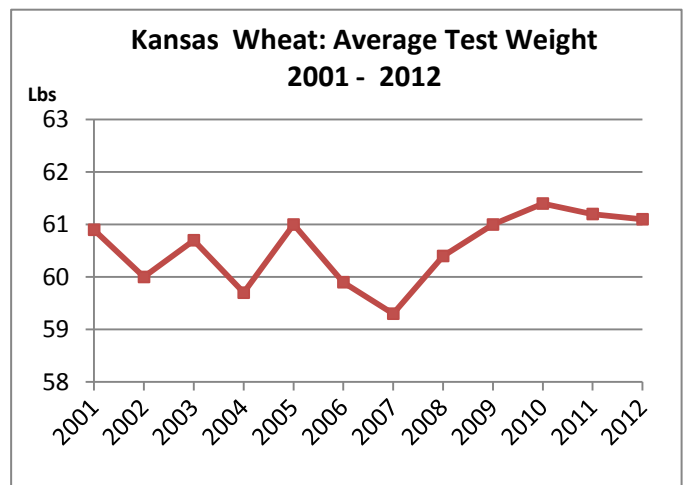
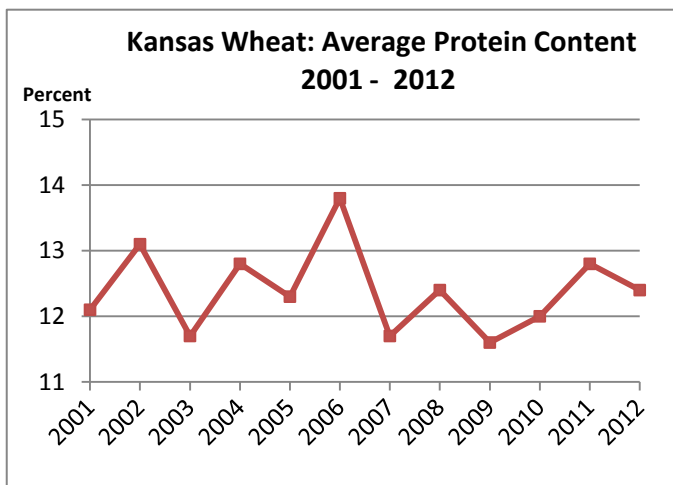
Preliminary data from 11,200 carlot samples from 46 counties showed an average test weight of 61.1 pounds per bushel, according to Kansas Agricultural Statistics and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 61.2 pounds, while the 10-year average from 2001 - 2010 was 60.5 pounds per bushel.

Protein content averaged 12.4 percent, down from 12.8 percent for 2011 but slightly higher than 12.3 percent for the 10-year average. The Southwest District led the State with 13.5 percent protein, a 0.3 percent increase from last year and up 0.6 percent from the 10-year average. Statewide, moisture content averaged 11.1 percent, up from 11.0 percent last year but down from 11.4 percent for the 10-year average.

Samples of wheat grading No. 1, at 83 percent, were down 3 points from 86 percent last year. Sixteen percent graded No. 2, compared to 13 percent in 2011, and only 1 percent graded No. 3 or below. Wheat samples averaged 0.2 percent damaged kernels, same as 2011 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 2011 but below the 10-year average. Shrunken and broken kernels averaged 1.4 percent, up from 1.1 in 2011 and slightly higher with the 10-year average of 1.3. Total defects averaged 1.6 percent, compared to 1.4 in 2011 and 1.7 for the 10-year average. Average dockage for all samples was 0.5 percent, the same percentage as last year.

There were 3,813 samples voluntarily submitted for inspection in the 2012 crop year. The test weight for these samples also averaged 60.5 pounds per bushel, while protein was 12.7 percent, and moisture content was 11.3 percent. Seventy-three percent of the submitted samples graded No.1 while 22 percent graded No. 2 and 5 percent were other grades.

This is the only wheat quality release for the 2012 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, 2011 - 2012 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	
					Percent of Samples			Average Percent				
	Lbs.	Percent		Percent of Samples			Average Percent				Percent	
Northwest												
2012	1,056	61.2	11.4	10.6	91	9	0	0.1	0.0	1.1	1.2	0.5
2011	1,769	60.8	11.7	11.1	86	13	1	0.2	0.0	1.1	1.3	0.5
2001-2010 Avg.		60.1	12.7	11.1				0.3	0.0	1.3	1.6	
West Central												
2012	574	60.8	12.5	10.9	86	13	1	0.0	0.0	1.2	1.3	0.6
2011	365	61.0	13.1	10.7	85	14	1	0.0	0.0	1.1	1.2	0.5
2001 - 2010 Avg.		60.7	12.4	11.1				0.4	0.0	1.4	1.8	
Southwest												
2012	2,567	60.7	13.5	10.6	86	14	0	0.1	0.0	1.6	1.7	0.6
2011	1,329	61.5	13.2	10.4	95	5	0	0.1	0.0	1.3	1.4	0.5
2001 - 2010 Avg.		60.9	12.9	10.9				0.3	0.0	1.3	1.6	
North Central												
2012	1,933	61.3	12.0	11.4	83	16	1	0.3	0.1	1.4	1.8	0.6
2011	3,387	60.6	12.6	11.6	83	16	1	0.3	0.1	1.2	1.7	0.5
2001 - 2010 Avg.		60.8	12.3	11.6				0.3	0.1	1.2	1.6	
Central												
2012	1,531	61.0	12.6	11.3	76	23	1	0.3	0.1	1.5	1.9	0.5
2011	1,760	61.4	13.3	11.3	78	21	1	0.3	0.1	0.9	1.4	0.4
2001- 2010 Avg.		60.7	12.2	11.6				0.3	0.1	1.3	1.7	
South Central												
2012	2,294	61.4	11.8	11.4	83	16	1	0.2	0.1	1.2	1.5	0.4
2011	1,119	62.2	12.4	10.8	97	3	0	0.1	0.1	1.0	1.2	0.4
2001 - 2010 Avg.		60.3	12.1	11.6				0.4	0.2	1.3	1.9	
Northeast												
2012	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2011	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2001 - 2010 Avg.		0.0	0.0	0.0				0.0	0.0	0.0	0.0	
East Central												
2012	279	61.2	11.6	11.4	97	3	0	0.6	0.1	1.2	1.9	0.5
2011	8	60.8	11.9	11.4	62	25	13	1.7	0.1	1.1	2.9	0.8
2001 - 2010 Avg.		60.2	11.2	11.9				0.8	0.1	1.1	1.9	
Southeast												
2012	966	61.3	11.3	11.8	64	35	1	0.1	0.0	0.9	1.0	0.5
2011	431	61.1	11.8	12.0	87	12	1	0.1	0.1	1.0	1.1	0.5
2001 - 2010 Avg.		58.8	11.4	12.2				1.2	0.1	1.2	2.5	
STATE												
2012	11,200	61.1	12.4	11.1	83	16	1	0.2	0.0	1.4	1.6	0.5
2011	10,168	61.2	12.8	11.0	86	13	1	0.2	0.0	1.1	1.4	0.5
2001 - 2010 Avg.		60.5	12.3	11.4				0.4	0.1	1.3	1.7	

¹ 2012 includes samples from May 20, 2012 – August 15, 2012. 2011 includes samples from June 15, 2011-August 15, 2011.

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.