



United States Department of Agriculture
National Agricultural Statistics Service, Kansas Field Office



WHEAT QUALITY

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SPECIAL PRESS RELEASE

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PROTEIN AND TEST WEIGHT DOWN FROM LAST YEAR

Preliminary data from 10,215 carlot samples from 49 counties show an average test weight of 59.3 pounds per bushel, according to Kansas Agricultural Statistics and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 59.9 pounds, while the 10-year average from 1996-2005 was 60.5 pounds per bushel.

Protein is averaging 11.7 percent, compared with 13.8 percent for 2006 and 12.2 percent for the 10-year average. Moisture content is averaging 12.0 percent, compared with 10.9 percent for last year and 11.7 percent for the 10-year average.

Samples of wheat grading No. 1, at 55 percent, are down 5 points from the 60 percent of last year, while 32 percent graded No. 2, compared to 35 percent in 2006. Thirteen percent graded No. 3 or below. Wheat samples averaged 0.6 percent damaged kernels, compared with 0.4 for 2006 and 0.3 for the 10-year average. Samples tested had 0.1 percent foreign material on average, compared with 0.0 for 2006 and 0.1 for the 10-year average. Shrunken & broken kernels averaged 1.7 percent, compared with 0.9 for 2006 and 1.4 for the 10-year average. Total defects averaged 2.4 percent, compared with 1.4 for 2006 and 1.8 for the 10-year average. Average dockage for all sample is 0.8 percent, compared to 0.5 percent last year.

There have been 4,382 samples voluntarily submitted for inspection in this crop year. Test weight for these samples averaged 58.1 pounds, 11.5 percent protein, and 12.1 percent moisture. These submitted samples graded No. 1, 33 percent; No. 2, 26 percent; No. 3, 25 percent; and No. 4, 11 percent. Last year, 4,701 samples were voluntarily submitted and had an average test weight of 59.5 pounds, 14.1 percent protein, and 10.7 percent moisture. Grades were No. 1, 82 percent; No. 2, 14 percent, and No. 3, 4 percent.

This is the only wheat quality release to be made during the 2007 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.

KANSAS: Wheat Quality Data, 2007

| 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 | |
| | | <i>Lbs.</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent of Samples</i> | <i>Percent of Samples</i> | <i>Percent of Samples</i> | <i>Average Percent</i> | <i>Average Percent</i> | <i>Average Percent</i> | <i>Average Percent</i> | <i>Percent</i> |
| NW 2007 | 1,858 | 60.6 | 11.8 | 11.6 | 81 | 19 | 0 | 0.2 | 0.0 | 1.3 | 1.7 | 0.7 |
| 2006 | 406 | 58.8 | 14.9 | 10.8 | 10 | 81 | 9 | 0.3 | 0.0 | 0.7 | 0.9 | 0.6 |
| 1996-2005 AVG | | 59.7 | 12.9 | 11.2 | | | | 0.2 | 0.0 | 1.6 | 1.8 | |
| WC 2007 | 1,339 | 60.9 | 10.7 | 12.0 | 85 | 14 | 1 | 0.3 | 0.0 | 1.3 | 1.6 | 0.7 |
| 2006 | 556 | 58.9 | 14.0 | 10.6 | 16 | 55 | 29 | 1.7 | 0.0 | 1.2 | 2.9 | 0.5 |
| 1996-2005 AVG | | 60.4 | 12.4 | 11.4 | | | | 0.3 | 0.0 | 1.6 | 1.9 | |
| SW 2007 | 3,086 | 60.6 | 11.5 | 12.0 | 84 | 15 | 1 | 0.4 | 0.0 | 1.4 | 1.7 | 0.7 |
| 2006 | 1,371 | 59.6 | 14.4 | 10.1 | 34 | 59 | 7 | 0.1 | 0.0 | 1.1 | 1.3 | 0.6 |
| 1996-2005 AVG | | 60.6 | 12.8 | 11.2 | | | | 0.3 | 0.0 | 1.5 | 1.9 | |
| NC 2007 | 1,022 | 58.9 | 11.8 | 12.1 | 9 | 80 | 11 | 0.5 | 0.1 | 1.9 | 2.5 | 0.6 |
| 2006 | 1,733 | 60.3 | 13.2 | 11.3 | 74 | 26 | 0 | 0.2 | 0.1 | 0.9 | 1.2 | 0.4 |
| 1996-2005 AVG | | 60.8 | 12.2 | 11.8 | | | | 0.2 | 0.1 | 1.2 | 1.6 | |
| C 2007 | 1,164 | 57.8 | 12.1 | 12.3 | 6 | 48 | 46 | 0.7 | 0.2 | 2.4 | 3.2 | 0.9 |
| 2006 | 1,613 | 60.6 | 13.5 | 11.1 | 80 | 18 | 2 | 0.3 | 0.1 | 0.8 | 1.2 | 0.5 |
| 1996-2005 AVG | | 60.9 | 11.9 | 12.0 | | | | 0.3 | 0.1 | 1.2 | 1.6 | |
| SC 2007 | 1,529 | 58.1 | 12.0 | 12.0 | 25 | 49 | 26 | 0.9 | 0.2 | 2.0 | 3.1 | 0.9 |
| 2006 | 1,655 | 60.8 | 13.3 | 11.0 | 72 | 26 | 2 | 0.3 | 0.1 | 0.9 | 1.2 | 0.5 |
| 1996-2005 AVG | | 60.5 | 11.8 | 11.9 | | | | 0.3 | 0.2 | 1.4 | 1.9 | |
| NE 2007 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2006 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1996-2005 AVG | | 61.2 | 11.4 | 12.4 | | | | 0.5 | 0.0 | 0.9 | 1.4 | |
| EC 2007 | 166 | 59.3 | 12.2 | 11.8 | 14 | 83 | 3 | 1.2 | 0.2 | 1.5 | 2.9 | 0.8 |
| 2006 | 538 | 61.4 | 11.3 | 12.1 | 98 | 2 | 0 | 0.2 | 0.0 | 0.7 | 1.0 | 0.4 |
| 1996-2005 AVG | | 60.3 | 11.1 | 12.4 | | | | 0.8 | 0.1 | 1.0 | 1.9 | |
| SE 2007 | 51 | 54.5 | 11.8 | 11.9 | 0 | 0 | 100 | 2.5 | 0.2 | 2.0 | 4.7 | 0.8 |
| 2006 | 851 | 60.8 | 12.2 | 11.7 | 78 | 21 | 1 | 0.5 | 0.0 | 0.6 | 1.1 | 0.5 |
| 1996-2005 AVG | | 59.6 | 11.0 | 12.6 | | | | 0.7 | 0.1 | 1.1 | 1.9 | |
| STATE 2007 | 10,215 | 59.3 | 11.7 | 12.0 | 55 | 32 | 13 | 0.6 | 0.1 | 1.7 | 2.4 | 0.8 |
| 2006 | 8,723 | 59.9 | 13.8 | 10.9 | 60 | 35 | 5 | 0.4 | 0.0 | 0.9 | 1.4 | 0.5 |
| 1996-2005 AVG | | 60.5 | 12.2 | 11.7 | | | | 0.3 | 0.1 | 1.4 | 1.8 | |

¹ Year 2007 includes samples from June 4, 2007 - August 12, 2007.

² Samples tested represent data from inspection certificates of railroad cars. 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.