



# NEWS RELEASE

## NATIONAL AGRICULTURAL STATISTICS SERVICE

United States Department of Agriculture • Northern Plains Region  
3705 Miller Parkway, Ste. A, Manhattan, KS 66503 • (800) 582-6443

[www.nass.usda.gov](http://www.nass.usda.gov)



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**Contact:** Doug Bounds  
(800) 582-6443

[doug.bounds@nass.usda.gov](mailto:doug.bounds@nass.usda.gov)

### 2020 KANSAS WHEAT QUALITY

**MANHATTAN, Kan. September 4, 2020** – Preliminary data for the 2020 crop year from 11,944 carlot samples from 48 counties showed an average test weight of 61.0 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 61.0 pounds, while the 10-year average was 60.8 pounds per bushel.

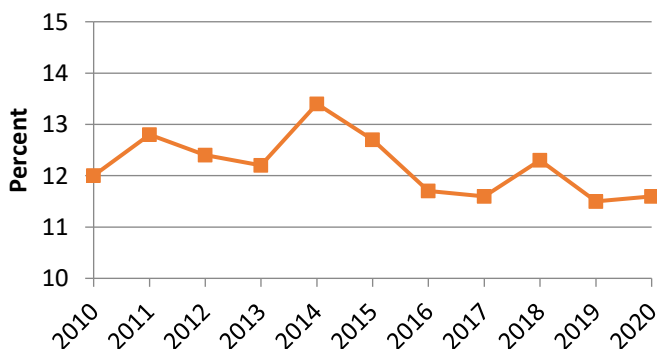
Protein content averaged 11.6 percent, up 0.1 percentage point from 2019, but below the 10-year average of 12.3. The North Central District had the highest protein content at 12.2 percent, followed by the West Central District at 11.9 percent. Statewide, moisture content averaged 11.4 percent, below 11.6 percent last year, but above the 10-year average of 11.2.

Samples of wheat grading No. 1, at 82 percent, were up from 77 percent last year. Seventeen percent graded No. 2, compared to 21 percent in 2019, and 1 percent graded No. 3 or below. Wheat samples averaged 0.4 percent damaged kernels, down 0.1 percentage point from 2019 and near the 10-year average of 0.3 percent. 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 1.1 percent, equal to 2019, and 0.1 percentage point below the 10-year average. Total defects averaged 1.5 percent, down 0.1 percentage point from 2019 and the 10-year average. Average dockage for all samples was 0.5 percent, equal to last year.

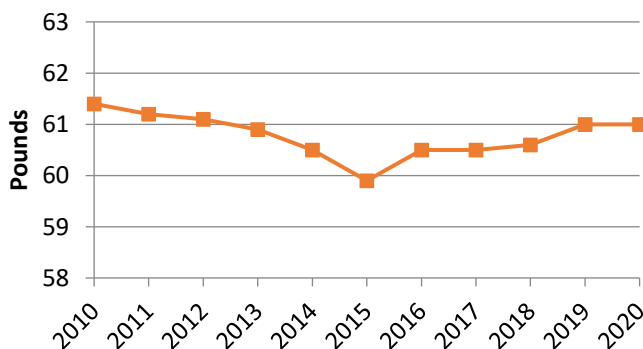
There were 1,330 samples voluntarily submitted for inspection in the 2020 crop year. The test weight for these samples averaged 60.0 pounds per bushel, protein averaged 11.9 percent and moisture content averaged 11.5 percent. Fifty-three percent of the submitted samples graded No.1, 29 percent graded No. 2 and 18 percent graded No. 3 or below.

This is the only wheat quality release for the 2020 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. The Kansas Wheat Commission funds collection and publication services.

**Kansas Wheat: Average Protein Content  
2010 - 2020**



**Kansas Wheat: Average Test Weight  
2010 - 2020**



## Kansas Winter Wheat Quality Data, 2020, 2019, 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				
<b>Northwest</b>												
2020	1,458	61.1	11.6	11.3	89	9	2	0.2	0.0	1.6	1.7	0.5
2019	1,217	61.8	11.7	11.1	94	6	0	0.2	0.0	1.1	1.4	0.5
2010 - 2019 Avg.		60.6	12.2	11.3				0.3	0.0	1.2	1.5	
<b>West Central</b>												
2020	905	60.4	11.9	11.3	68	31	1	0.2	0.0	1.2	1.5	0.5
2019	1,273	61.5	11.1	11.4	91	6	3	0.2	0.0	0.9	1.1	0.4
2010 - 2019 Avg.		60.8	12.4	11.1				0.2	0.0	1.2	1.4	
<b>Southwest</b>												
2020	1,977	61.4	11.5	10.9	93	6	1	0.3	0.1	1.0	1.3	0.5
2019	3,503	61.2	11.9	11.2	83	17	0	0.4	0.0	1.1	1.5	0.6
2010 - 2019 Avg.		60.6	12.8	10.6				0.2	0.0	1.3	1.6	
<b>North Central</b>												
2020	1,664	60.0	12.2	11.8	29	70	1	0.6	0.2	1.3	2.1	0.6
2019	1,860	60.7	12.1	11.9	71	29	0	0.6	0.1	1.1	1.9	0.6
2010 - 2019 Avg.		61.0	12.3	11.7				0.3	0.1	1.3	1.7	
<b>Central</b>												
2020	2,775	60.6	11.8	11.9	73	25	2	0.4	0.1	1.0	1.4	0.5
2019	2,523	60.8	11.5	11.9	68	30	2	0.9	0.1	1.1	2.1	0.6
2010 - 2019 Avg.		60.8	12.4	11.3				0.4	0.1	1.2	1.6	
<b>South Central</b>												
2020	3,026	61.9	11.0	11.5	95	5	0	0.5	0.1	0.9	1.6	0.5
2019	3,223	60.8	11.3	12.0	69	25	6	0.5	0.2	1.2	1.8	0.6
2010 - 2019 Avg.		60.9	11.9	11.3				0.3	0.1	1.2	1.7	
<b>Northeast</b>												
2020	15	61.3	11.5	10.6	100	0	0	0.7	0.1	1.2	2.0	0.8
2019	26	60.5	12.2	11.5	92	8	0	1.2	0.1	1.2	2.5	0.6
2010 - 2019 Avg.		60.6	11.7	11.8				0.8	0.1	1.1	2.0	
<b>East Central</b>												
2020	5	60.9	11.6	11.8	100	0	0	0.9	0.2	0.8	1.9	0.5
2019	0	-	-	-	-	-	-	-	-	-	-	-
2010 - 2019 Avg.		61.0	11.6	11.8				0.9	0.1	1.0	2.0	
<b>Southeast</b>												
2020	119	61.7	10.7	11.6	93	6	1	0.4	0.0	0.9	1.3	0.5
2019	155	58.7	11.4	12.2	19	44	37	0.8	0.0	1.3	2.1	0.5
2010 - 2019 Avg.		60.2	11.4	12.1				1.0	0.0	1.0	2.0	
<b>STATE</b>												
2020	11,944	61.0	11.6	11.4	82	17	1	0.4	0.1	1.1	1.5	0.5
2019	13,780	61.0	11.5	11.6	77	21	2	0.5	0.1	1.1	1.6	0.5
2010 - 2019 Avg.		60.8	12.3	11.2				0.3	0.1	1.2	1.6	

<sup>1</sup>2020 includes samples from June 5, 2020 – August 16, 2020. 2019 includes samples from June 15, 2019 – August 19, 2019.

<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.

- No data available