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The average protein concentration was 1.2 percent higher in 2009 crop (35.3x vs. 34.1.y) and average oil was 0.5 percent lower (18.6 vs. 19.1) when compared to the 2008 soybean crop. The 2009 soybean crop had nearly identical quality characteristics to the long-term average (35.3 percent protein and 18.7 percent oil) recorded over the past 23 years. As is noted in most years, Western Corn Belt states tended to have lower protein concentrations than the average U.S. crop, while midsouth and southeast states tended to have higher than average oil concentrations.

The entire U.S. soybean quality report can be found at http://www.asaimmea.org/quality_report.aspx

2009 Soybean Quality Survey Data

Region	State	Samples	Protein (%)*	Oil (%)*
Western	Iowa	266	34.7±1.2	18.6±0.7
Corn Belt	Kansas	47	35.0±1.1	18.6±0.7
	Minnesota	246	34.6±1.3	18.8±0.8
	Missouri	70	35.4±1.0	18.6±0.9
	Nebraska	147	34.7±1.2	18.5±0.8
	North Dakota	39	34.9±1.3	18.4±0.9
	<u>South Dakota</u>	76	<u>34.6±1.2</u>	<u>18.3±0.8</u>
	Average		34.8±1.2	18.6±0.8
	Range		28.3-38.6	15.8-21.0
Eastern Corn Belt	Illinois	217	35.8±1.2	18.1±0.9
	Indiana	95	36.0±1.1	18.3±0.9
	Michigan	55	35.9±1.3	18.1±0.8
	Ohio	128	35.8±1.2	18.5±0.9
	<u>Wisconsin</u>	38	<u>34.4±1.1</u>	<u>18.3±0.6</u>
	Average		35.8±1.2	18.2±0.9
	Range		31.8-39.6	15.7-20.8
Midsouth	Arkansas	46	36.1±1.6	19.9±1.2
	Kentucky	47	34.9±1.1	19.2±0.8
	Louisiana	7	36.3±2.0	20.2±0.9
	Mississippi	16	36.7±1.5	20.3±1.5
	Oklahoma	2	37.6±0.9	20.1±0.6
	Tennessee	18	35.9±1.3	20.0±1.0
	<u>Texas</u>	2	<u>36.6±1.7</u>	<u>19.0±0.0</u>
	Average		36.1±1.5	19.9±1.1
	Range		31.8-40.0	17.3-23.7
Southeast	Alabama	2	34.1±0.6	19.8±0.2
	Florida	1	36.5	18.2
	Georgia	2	35.5±0.9	19.9±0.7
	<u>North Carolina</u>	20	<u>35.9±1.5</u>	<u>19.4±1.1</u>
	Average		35.5±1.0	19.5±0.7
	Range		33.4-38.4	17.8-22.0
East Coast	Delaware	3	36.1±1.7	19.3±1.3
	Maryland	7	35.1±0.8	18.8±0.9
	New Jersey	3	36.1±0.7	18.6±1.1
	New York	5	35.6±1.3	18.1±1.1
	Pennsylvania	19	35.7±1.4	18.1±1.2
	<u>Virginia</u>	6	<u>35.7±0.7</u>	<u>18.7±1.0</u>
	Average		35.6±1.4	18.6±1.0
	Range		33.4-39.3	15.2-20.8
United States (**)	Average-2009		35.3±1.2	18.6±0.9
	Average-1986-2009		35.2±1.5	18.7±0.9

(*) 13% moisture bases (**) Regional and US average values weighted based on USDA production estimates for states

Naeve, Seth L., James Orf and Tracy O'Niell. 2009. *Quality of the United States Soybean Crop: 2009*. http://www.asaimmea.org/quality_report.aspx and U.S.D.A. Economic Research Service; *World Agricultural Supply and Demand Estimates; WASDE-477, January 12, 2009*.