



2007 USW Final Harvest Report

Hard Red Winter

Montana: With harvest complete, test weights average close to 62.0 lb/bu (81.5 kg/hl) and moisture ranges from 9.8% to 10.5%. The protein range is 12.3% to 13.0% and falling numbers average around 450. Yields range from the mid-40's to the 70's, which should put metric tons close to the USDA production estimate of 90 million bushels.

Nebraska: Harvest is complete in Nebraska, with overall production being close to average. Nebraska has been hot and dry and did not have many weather related delays. Yields were below average in the southeastern and south central parts of Nebraska due to diseases such as Fusarium head blight, scab, and rust. The western part of the state did not have much trouble with diseases, but the Panhandle area was a little dry. Test weights ranged from the mid 50's to the low 60's and the overall protein will average around 13%. The yield estimate is currently at 42 bu/acre.

Colorado: Above average temperatures and below normal precipitation has resulted in a rapid harvest for Colorado. Yields were very good this year due to the heavy snow over the winter months and overall production is expected to exceed 80 million bushels. Test weights are good this year, ranging from the high 50's to the mid 60's, with the overall average being at or above 60.0 lb/bu (78.9 kg/hl). There are pockets of high protein, but the statewide proteins have been averaging around 10-11%.

South Dakota: Harvest is nearing completion with close to 90% harvested. Above average temperatures and the arrival of custom cutting crews has kept harvest moving at a rapid pace. Test weights are averaging 59.0 to 61.0 lb/bu (77.6 to 80.2 kg/hl) and proteins are expected to be 11% or greater across the state. Due to high yields and an increase in HRW acres, South Dakota is on track for a record production year. Overall production is expected to be over 80 million bushels, up from the average of 50 million.

Hard Red Winter	WHEAT DATA								GRADE FACTORS						
	Samples		Moisture %	Protein %	Dry Basis Protein*	Dockage %	TKW (gm)	FN (sec)	Grade	Test Weight		FM%	Damage %	S&B %	Defects %
	Tested	Expected								lb/bu	kg/hl				
2007 Final	367	400	11.5	11.6		0.7	29.4	413	2 HRW	59.7	78.6	0.1	0.5	1.6	2.2
Last Week	367	400	11.5	11.6		0.7	29.4	413	2 HRW	59.7	78.6	0.1	0.5	1.6	2.2
2006 Final	343	368	11.3	13.7		0.6	28.0	384	1 HRW	60.3	79.3	0.1	0.2	1.2	1.5

Soft Red Winter

The SRW report is now complete.

- Arkansas. Milling yield is higher compared to 2006. Absorption has remained the same. Bread volume has increased and the cookie W/T is slightly less.
- Illinois. Milling yield is higher than in 2006. Flour ash, farinograph data and bake results are very close to 2006 results. Absorption is down and cookie W/T is higher this year.
- Indiana. Flour ash and milling yield have increased this year. Absorption is also increased. Cookie W/T is lower, and the bread volume is higher.
- Kentucky. Milling yield is higher this year. Flour ash is acceptable and bread volume is slightly higher this year. Cookie W/T is slightly higher.
- Maryland. Milling yield is slightly better, although flour ash has increased. Cookie W/T is lower while the bread volume is similar to last year. Farinograph absorption is higher this year.
- Missouri. Milling yield is higher compared to last year, but the flour ash is high. Farinograph absorption has decreased. Bake volume is higher while other bake data is similar to 2006. Cookie W/T is lower.
- North Carolina. Flour ash is higher than 2006 while milling yield is slightly lower. Farinograph data is similar to 2006. Bread volume is higher and the cookie W/T is lower than 2006.
- Ohio. Milling yield is slightly better than last year with a similar flour ash. Farinograph data and bake volume are also similar to 2006 results. Cookie W/T is higher this year.
- Virginia. Milling yield is very good this year, ash value is higher than in 2006 but still acceptable. Absorption is 1% lower and bake data is similar to 2006 results. Cookie W/T is higher.

Overall, the 2007 SRW crop has very good quality as shown in the data below and the more complete SRW 2007 Summary report. While test weight and the Grade #2 shown below are similar to past years, the average damaged kernel percentage of 0.2% is much lower than last year and the five-year average of 1.3%. As a result total defects are also much lower than last year and the five-year average. Low DON values and high falling number values indicate that the 2007 crop is generally very sound and free from damage. Protein content in states that are tributary to the Gulf is slightly higher than last year, which may be advantageous for some importers. Farinograph peak and stability values and average Alveograph W value and P/L ratio in those states are all higher than last year and the five-year average.

Soft Red Winter	WHEAT DATA								GRADE FACTORS						
	Samples		Moisture %	Protein %	Dry Basis Protein*	Dockage %	TKW (gm)	FN (sec)	Grade	Test Weight		FM%	Damage %	S&B %	Defects %
	Tested	Expected								lb/bu	kg/hl				
2007 Final	341	350	13.1	10.3		1.0	33.0	344	2 SRW	59.8	78.7	0.1	0.3	0.6	1.0
Last Week	341	350	13.1	10.3		1.0	33.0	344	2 SRW	59.8	78.7	0.1	0.3	0.6	1.0
2006 Final	350	350	13.1	9.7		0.7	34.2	316	2 SRW	59.7	78.6	0.0	1.2	0.5	1.8

Hard Red Spring

The hard red spring wheat harvest and sample collections are complete for 2007. Average wheat protein for the region is 14.8% which is down slightly from last year's final of 15.2%, but higher than the five-year average of 14.4%. Average wheat protein by state: Minnesota (13.8%), Montana (15.5%), North Dakota (14.6%), and South Dakota (14.9%). Regional protein distribution shows that 53% of the crop is greater than 14.5% protein. Average test weight is 60.8 lb/bu (80.0 kg/hl) which is higher than the five-year average of 60.3 lb/bu (79.3 kg/hl). The average falling number is 438 seconds. Average DHV is 86% making the average grade of the crop 1 DNS.

Hard Red Spring	WHEAT DATA								GRADE FACTORS							
	Samples		Moisture %	Protein %	DryBasis Protein*	Dockage %	TKW (gm)	FN (sec)	Grade	Test Weight		FM%	Damage %	S&B %	Defects %	DHV*
	Tested	Expected								lb/bu	kg/hl					
2007 Final	343	342	12.0	14.8		1.1	30.0	438	1 DNS	60.8	80.0	0.0	0.1	1.2	1.3	
Last Week	343	342	12.0	14.8		1.1	30.0	438	1 DNS	60.8	80.0	0.0	0.1	1.2	1.3	
2006 Final	341	340	11.5	14.9		1.0	28.8	436	1 DNS	60.0	78.9	0.0	0.1	1.5	1.6	

Durum

This is the last weekly update with sample collection of durum complete. Grain quality has not changed. Approximately 53% of the samples received had a test weight of 60.0 lb/bu (78.2 kg/hl) or higher compared to 47% last year. Approximately 89% of the samples had a protein content of 13% or higher compared to 92% last year. Approximately 78% of the samples had a grade of 2 HAD or better compared to 67% last year.

Durum	WHEAT DATA								GRADE FACTORS							
	Samples		Moisture %	Protein %	DryBasis Protein*	Dockage %	TKW (gm)	FN (sec)	Grade	Test Weight		FM%	Damage %	S&B %	Defects %	HVAC*
	Tested	Expected								lb/bu	kg/hl					
2007 Final	119	122	12.2	15.0		1.6	35.7	399	1 HAD	60.1	78.3	0.0	0.4	1.5	1.9	
Last Week	113	122	12.1	15.1		1.6	35.3	399	2 HAD	60.1	78.3	0.0	0.4	1.9	2.3	
2006 Final	121	121	11.5	15.5		1.8	32.4	408	2 HAD	59.7	77.8	0.1	0.2	1.9	2.2	

Soft White

The soft white harvest is now complete. A total of 293 SW samples were received and tested, which is 16 percentage points less than last year at 349 samples. Moisture and protein remained the same at 9.3% and 10.2%, respectively, the same as last week. Other data essentially stayed the same as last week. The following changes were observed for the 2007 SW crop when compared to last year's averages. Wheat moisture content increased to 9.3% from 8.9% last year. Wheat protein decreased to 10.2% from 10.5% last year. Falling number value was about the same at 331 seconds. Thousand kernel weight increased slightly to 35.5 gm from 34.1 gm last year. Whole meal wet gluten content decreased slightly to 22.7% from 23.4% as a result of lower protein content.

Soft White	WHEAT DATA								GRADE FACTORS							
	Samples		Moisture %	Protein %	DryBasis Protein*	Dockage %	TKW (gm)	FN (sec)	Grade	Test Weight		FM%	Damage %	S&B %	Defects %	
	Tested	Expected								lb/bu	kg/hl					
2007 Final	293	410	9.3	10.2		0.6	35.5	331	1 SW	60.0	78.9	0.1	0.1	0.9	1.1	
Last Week	293	410	9.3	10.2		0.6	35.5	331	1 SW	60.0	78.9	0.1	0.1	0.9	1.1	
2006 Final	349	410	8.9	10.5		0.7	34.1	335	1 SW	60.2	79.2	0.0	0.0	0.9	1.0	