

Hard Winter Wheat Quality Tour 2010

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All Averages are Weighted

Day One - May 4			Range	Range	Route Avg
Route	Car Average	Stops	Low	High	
Purple 1	51	11	42	57	
Purple 2	40	21	32	50	
Purple 3					
Purple 4					44
Green 1	37	13	25	53	
Green 2	39	16	28	54	
Green 3	37	18	25	52	
Green 4					38
Pink 1	40	17	28	58	
Pink 2	39	13	22	57	
Pink 3	37	12	22	53	
Pink 4					39
Yellow 1	39	12	22	58	
Yellow 2	39	15	31	47	
Yellow 3					39
Blue 1	43	13	32	70	
Blue 2	54	14	34	77	
Blue 3	44	12	36	63	
Blue 4					47
Black 1	35	12	30	44	
Black 2	40	14	25	62	
Black 3					38

2009 41.3 215 stops
 2008 45.4 190 stops
 2007 40.0 209 stops
 2006 40.6 210 stops
 2005 48.9 192 stops
 2004 38.0 202 stops
 2003 38.6 179 stops
 2002 37.4 234 stops

Total Stops	213
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Day 1 Avg	40.7
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Hard Winter Wheat Quality Tour 2010

All Averages are Weighted

Day Two - May 5			Range	Range	Route
Route	Car	Stops	Low	High	

Average					Avg
Purple 1	36	14	27	50	
Purple 2	45	16	24	69	
Purple 3					
Purple 4					41
Green 1	40	11	27	78	
Green 2	43	16	24	68	
Green 3	35	19	21	54	
Green 4					39
Pink 1	36	17	21	62	
Pink 2	39	13	27	53	
Pink 3	45	12	30	65	
Pink 4					39
Yellow 1	39	11	23	64	
Yellow 2	34	14	21	46	
Yellow 3					36
Blue 1	42	13	28	63	
Blue 2	47	14	24	65	
Blue 3	41	16	27	60	
Blue 4					43
Black 1	39	15	20	54	
Black 2	42	14	20	57	
Black 3					40

Oklahoma
5.2 MM Planted
Est 33.5 b/a
Prod Est 141MM
bu
LY 77MM bu
Prod

KS Two Day Totals KS Two Day
Avg 40.3
Stops 428

2009 2 day 40.6/427
2008 2 day 43.3/357
2007 2 day 41.6/417
2006 2 day 37.2/404
2005 2 day 46.5/399
2004 2-day 36.7/407
2003 2-day 38.1/371
2002 2-day 34.5/442

2009 D2 39.8/212 stops
2008 D2 40.9/167 stops
2007 D2 43.2/208 stops
2006 D2 33.5/194 stops
2005 D2 44.2/207 stops
2004 D2 35.4/205 stops
2003 D2 37.7/192 stops

Total Stops	215
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Day 2 Avg	39.9
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2002 D2
31.3/208 stops

Hard Winter Wheat Quality Tour 2010

All Averages are Weighted

Day Three - May 6			Range		Route Avg
Route	Car Average	Stops	Low	High	
Purple 1					
Purple 2	43	2	42	44	
Purple 3					
Purple 4					43
Green 1					
Green 2	50	3	46	53	
Green 3	47	3	16	76	
Green 4					48
Pink 1	35	3	29	40	
Pink 2	64	3	42	107	
Pink 3	56	2	55	57	
Pink 4					51
Yellow 1	44	2	34	53	
Yellow 2					
Yellow 3					44
Blue 1	36	3	29	48	
Blue 2					
Blue 3	35	3	26	48	
Blue 4					36
Black 1	56	3	48	70	
Black 2					
Black 3					56

2009 D3 43.7/32 stops
 2008 D3 43.3/31 stops
 2007 D3 32.4/30 stops
 2006 D3 38.8/31 stops
 2005 D3 42.8/36 stops
 2004 D3 44.0/46 stops
 2003 D3 43.8/45 stops
 2002 D3 47.3/41 stops

Total Stops	27
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Day 3 Avg	46.4
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Hard Winter Wheat Quality Tour 2010

Three Day Total

May 4-6, 2010

Yield Potential

All Averages are Weighted

	Stops	Stop/Car	Average	Low	High
Day 1	213	14.2	40.7	21.6	77.3
Day 2	215	14.3	39.9	19.7	78
Day 3	27	2.7	46.4	16	107
Total	455	31.2	40.7		

Historical

Year	Day 1	Day 2	Day 3	Average	Stops
2009	41.3	39.8	43.7	40.8	459
2008	45.4	40.9	43.3	43.3	388
2007	40.0	43.2	32.4	41.0	447
2006	40.6	33.5	38.8	37.3	435
2005	48.9	44.2	42.8	46.2	435
2004	38.0	35.4	44.0	37.4	453
2003	38.6	37.7	43.8	38.8	416
2002	37.4	31.3	47.3	35.6	483
2001	32.6	31.7	39.0	32.7	480
2000	40.8	41.4	45.1	41.4	479
1999	38.0	40.0	37.2	38.9	527

Tour Participants - Breakdown

Class	Number	Percent
Government	4	6
University	5	7
Media	6	9
Grain	8	12
Milling	18	26
Baker	5	7
Producers	10	15
Other	12	18

*Hard Winter Wheat Tour Summary by Ben Handcock***2010 Wheat Quality Council Hard Winter Tour Completed**

Fifteen cars with 67 crop scouts surveyed and evaluated the potential of the Kansas wheat crop the week of May 3-6, 2010. The total number of field stops was 455 compared to 459 one year

ago. This year the weather was great for all three days, and we had the largest number of participants in history.

The participants attended a brief training and tour overview session in Manhattan on the evening of May 3 before enjoying a great steak fry. The dinner was held at the IGP facility on the north end of the campus of KSU. Participants toured the Hal Ross flour mill after dinner.

Day one saw the 15 cars traveling on six different routes from Manhattan to Colby. ([See tour map](#)). The wheat seemed to be a little better right through the center of the state, and the Nebraska route found excellent wheat. Very little disease pressure was found by the scouts. Yields for the day ranged from 22-77 bushels per acre with the day one average on all routes at 40.7 bushels. This compares with 41.3 bushels one year ago. We stopped in 213 fields on day one. A group scouted eastern Colorado and reported a yield average of 36.5 bushels and estimated a total production of 81 million bushels for 2010. They also found little disease.

Day Two the cars traveled from Colby to Wichita. Several cars went into the far western Kansas counties and two cars actually covered the northern tier of Oklahoma counties. The western Kansas area was reported as being very dry, and a good rain would help the crop significantly. The cars in Oklahoma found good yields that got better as they moved eastward. The day two average was 39.9 bushels per acre compared to 40.6 in 2009. We had a range from 20-78 bushels and made 215 stops. Oklahoma reported an estimated 33.5 bushels per acre and a total production of 141 million bushels. This compares with the disastrous 77 million last year.

Day Three concluded the trip with the cars traveling from Wichita to Kansas City. We lost several cars and people in Wichita and made 27 stops on the shortened day. This smaller production area does not have a significant impact on the state-wide average, but is usually a high yielding area. Yields ranged from 16-107 bushels with the day three average at 46.4 compared to 43.7 last year. Moisture seemed to be adequate across this area of the state.

The Calculated Average for the entire tour was **40.7** bushels per acre compared to 40.8 bushels on the same routes in 2009. The scouts use a formula provided by KS Ag Statistics to arrive at their calculated average. The formula is based on a 10-year rolling average and changes slightly from year to year.

The Estimated Production for the Kansas crop by **56** participants who joined the pool this year is **333.5** million bushels. These people base their estimates on yield estimates and acres expected to be harvested. There are always a number of abandoned acres and they attempt to factor that into the equation. KS Ag Statistics will release their official estimate of the crop on Tuesday, May 11. They surveyed the crop about the same time we did.

My personal observations, for what they're worth, are as follows:

Most parts of the state have adequate moisture, the exception being the southwest region. I arrived in Kansas expecting to see an above average crop. As the tour progressed, I became more convinced that the crop would be closer to a normal one. I believe our 40.7 bushel average will be very close the actual one. The 10-year average for Kansas is around 350 million bushels. Our estimators, at 333.5 are a little under that number, but a lot can happen in the next month to change this crop by that much. Keep in mind that we also have fewer planted acres this year.

The good news is that most of the crop appears to be very healthy and has that good dark green color. We did observe some nitrogen deficiency problems in isolated areas. The good rainfall totals appear to have leached the N too far down for the shallow rooted wheat to reach it. We have some producers concerned about leaf rust, but this would not appear to be a huge issue overall. Some stripe rust and tan spot was observed, but they too appear to be a relatively small problem at this time. I was very pleased with the lack of weed pressure in the areas I traveled.

Please keep in mind that this whole tour is a snapshot in time regarding the potential of this crop. About half of our group was first-timers. They reported learning a lot about wheat while having a good time doing it. The value of this exercise is the people you meet and the friends you make and keep in contact with over the years to come. Although I think we did a fine job of estimating the crop potential that really takes a back seat to the real value of the tour. This was truly a very diverse group of very nice people.

Thanks to all who sent employees, provided cars and helped in many ways to make this tour a success. I look forward to your support on our 54th annual Wheat Quality Council Hard Winter Wheat Tour.

Please share this information with others in your organization that may not be on our email list!!!

Remember our Hard Spring and Durum tour coming up on July 26-29. This tour covers North Dakota plus parts of Minnesota and South Dakota. A few brave souls will venture into Montana to look for a few more Durum fields to report on. The format is very similar to the winter tour, and registration forms are available on our web site at www.wheatqualitycouncil.org.

