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2014 Wheat Quality Council Hard Spring Wheat & Durum Tour Completed

Summary by Ben Handcock, Executive Vice President

The Wheat Quality Council hard spring and durum tour was conducted July 21-24 in North Dakota plus parts of South Dakota and Minnesota. (**Tour Map**) There were 54 registered participants this year, and 31 of them were first-timers on this tour.

The 373 spring wheat fields surveyed averaged 48.6 bushels per acre, a record for our tour. The 17 durum fields averaged 36.6 bushels, down from 41.7, and they are getting harder to find. We evaluated 13 hard winter fields and they averaged 44.0 bushels, down from 53.5 one year ago.

The average for all 403 field stops was 48 bushels per acre. The five year average is 45.18 bushels. (Tour Results)

<u>Day One</u> covered the southern half of North Dakota, southwestern Minnesota and northeast/north central South Dakota. Yields were good on all routes again this year. The highest yielding spring wheat field was estimated at 92.8 bushels and the lowest was 16.5, with a day one spring wheat average of 48.3 bushels versus last year at 43.3 bushels.

<u>Day Two</u> covered northwest and north central North Dakota. We find fewer durum fields each year, even in the far northwest. The yields were good again as we moved along the routes. We had a spring wheat high for the day of 84 bushels, a low of 24 with a day two average of 48.4 bushels. Last year these routes averaged 45 bushels.

<u>Day Three</u> concluded the tour by covering north central/north east North Dakota and north west/west central Minnesota. We had a huge contingent visiting the ND Mill so fewer stops were made. As is usually the case, this was the highest yielding area of the tour, although not by much. The day three average was estimated at 50.2 bushels, compared to 49.1 one year ago. Our high was 75 and our low was 24.1 bushels per acre.

My personal observations: I thought this crop had extremely high potential. It is the highest yield potential we have ever predicted. The unusual thing about this crop is the lateness of its harvest. We seem to have two crops--one planted in late April and one planted in late May or early June. We saw a lot of wheat that had just flowered and some that had not headed. It is likely six weeks to harvest on some of the crop, and four weeks on a lot more. The only issue this crop could have would be a stretch of very hot weather while filling. The extended forecast for

ND is below average temps for the next 10 days or so and that will be good. Harvesting wheat in North Dakota in September can sometimes be a real challenge.

There was very little disease noticed this year. It is fairly simple to see the disease on green wheat, but not very much appeared serious. I also thought the fields were extremely free of weeds. A lot of fields had been sprayed, which accounts for a lot of the lack of weeds and diseases.

Once again our results are not official. The North Dakota Ag Statistics Service will publish official results in early August. Watch for them and see how we compare. We have been very close for the past ten years or so. We are not as scientific as they are, we simply overwhelm them with the number of fields we visit, and our formula provided by NDSU has been working very well.

Thanks to all of you who came, drove cars or helped in any way to make this tour a success. The newcomers have told me they learned a great deal, had a lot of fun and would love to do it again. We look forward to 2015.

Please mark the Wheat Quality Council 2015 Annual Meeting dates on your calendar. It should be interesting evaluating all the new wheat lines grown this year. The dates are February 17-19 at the Embassy Suites in Kansas City.

The dates for the hard spring and durum tour in 2015 are July 27-30. We are moving it back a week as we are now seeing it pretty early. It would be nice to see a little bit of harvest going on as we do the tour.

2014 Spring Wheat Crop Tour

Yield Potential

Weighted Auerages Total 48.0		Standard Deviation	Total Fields
Total	48.0	12.2	403
HRS	48.6	12.0	373
DUR	36.6	10.7	17
HRW	44.0		13

July 22-24, 2014

Overall Weighted Tour Averages

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
HRS DUR HRW	34.9 28.3	32.0 25.4	37.6 28.6 42.8	38.8 29.8 38.5	35.5 29.6 31.0	31.7 23.3 45.3	37.3 29.0 36.7	37.7 23.7 43.0	46.2 36.2 51.3	46.0 38.4 48.4	41.5 31.8 47.0	44.9 42.4 45.8	44.9 41.7 53.5	48.6 36.6 44.0
All Wheat	33.5	31.1	35.9	38.1	34.9	31.3	36.3	36.0	45.7	45.2	41.1	44.8	44.8	48.0
Fields Surveyed HRS DUR HRW All	355 113 4 472	316 86 0 402	310 49 1 360	308 71 2 381	305 27 3 335	272 19 3 294	286 38 8 332	346 58 18 422	402 35 21 458	321 41 8 370	369 31 19 419	377 26 18 421	433 31 8 472	373 17 13 403

54

Tour Participants - Breakdown

Class	Number	Percent	
Government	5	9	Total =
University	1	2	
Media	3	6	
Grain	12	22	
Milling	14	26	
Baker	6	11	
Producer	1	2	
Other	12	22	

2014 SPRING WHEAT CROP TOUR

-14 Class HRS	Est. 2014	Calc.	Std	Hi	Lo	#	2013	2012	2011	2010	2000	2009	
		Calc.	Std	Hi	10	#	2012	2012	2011	2010	2000	2000	
HRS	2014	2014	Dev		20	Fields	2013	2012	2011	2010	2009	2008	2007
DUR		65.5	15.6	92.8	40.8	12 0	52.0	54.5	44.2	45.4	45.5	49.4	37.5
HRW		40.8				1			47.0	38.1	59.5	69.8	
HRS		50.9	11.9	72.0	33.0	14	40.8	38.5	42.5	44.4	41.2	43.5	49.1
						0					20.0	20 F	
	45.0	47.0	0.4	50 A	26.0	10	16 1	40.1	15 5	42.0			44.0
	45.0	47.0	9.4	0.00	20.0		40.4	40.1	45.5	43.0	44.0	44.0	44.0
	40.0	44.0				1	43.1		26.0		50.0	47.0	
HRS		44.9	8.5	62.2	32.8	11	47.7	48.8	37.6	43.9	39.7	43.2	33.5
DUR						0							
HRW							29.4						37.4
	46.8	42.0	10.4	65.3	26.9			35.6	46.2	50.5	49.7	44.5	39.5
						0							
	46.0	44.3	12.2	60.0	17.0	12		49.2	30.3	32.9	44.3	42.0	19.8
DUR						0							
HRW									19.0			54.0	
HRS	46.0	45.6	12.3	73.0	37.0	8	48.3	39.1	36.5	36.1	48.4	22.1	45.2
DUR						0		40.2		27.6		19.4	36.7
	54.0		7.0	- A -	05.4		00 F	00.0	00.4	10 F		4-7 F	00.0
		39.2	7.6	51.5	25.1		33.5	33.6			45.1	17.5	28.2
						U			JJ. 1	32.1	67.0	13.3	38.3
						0	43.5	48.0			07.0	10.0	00.0
DUR						0							
						0	39.1	46.8	45.8	37.9	49.2		
DUR						0							
HRW									47.9		43.5		
HRS DUR	41.9	45.8	7.1	57.0	31.9	14 0	46.3	43.0	41.1		55.4	29.5	35.2
	00.0	~ 4 ~	40.0	70.4		40	40.0	40.0		36.0	72.0		04 5
	62.9	64.8	10.6	78.4	44.4		48.3	42.8	38.1				31.5
						U			36.2				
	56.8	53.0	12.2	63.8	32.4	6	46.5	46.4		55.9	40.4	01.0	
DUR						0					23.8		
HRS	45.0	43.2	4.5	50.2	35.4	12	39.1	42.1	36.2	43.7	45.0	29.3	36.5
DUR						0	41.4						
			40.0		40 5		~~ ~	~			45.0	26.3	
	34.0	33.1	10.8	50.0	16.5	10	39.3	470					
						0	30.9		43.0		44.0		
						0			33.1		42.9		
DUR						0	0=		17.2		54.6		
HRW											60.4		
											Weight	ed Ave	rages
			SD	Flds			2013	2012	2011	2010	2009		
Wt. Avg.			13.7			g.	43.5	42.6	39.3	42.7	45.9	38.2	36.2
HRS	47.7	48.3	13.7				43.3	42.9	39.5	43.1	45.6	37.6	36.2
		<i></i>											36.7
HRW	44.6	42.9											37.9
													136
													1 5
							203	176	169	137	184	146	142
	DUR HRW HRS DUR HRW	DUR HRW HRS 45.0 DUR HRW 40.0 HRS 46.0 DUR HRW 40.0 HRS 46.8 DUR HRW 40.0 HRS 46.0 DUR HRW 54.0 HRS 46.0 DUR HRW 54.0 HRS 46.0 DUR HRW 54.0 HRS 45.0 UR HRW 40.0 HRS 62.9 DUR HRW 40.0 HRS 56.8 DUR HRW 40.0 HRS 34.0 DUR HRW 40.0 HRS 45.0 DUR HRW 40.0 HRS 45.0 DUR 45.0 HRW 40.0 HRW 40.0 H	DUR HRW HRS 45.0 47.0 DUR 40.0 44.0 HRW 44.9 44.9 DUR 46.8 42.0 DUR 46.8 42.0 HRW 46.8 42.0 HRW 46.8 42.0 HRW 46.0 44.3 DUR 46.0 45.6 DUR 46.0 57.0 HRW 54.0 57.0 HRW HRS 39.2 DUR HRW HRS HRW 54.0 53.0 DUR HRW HRS HRS 50.8 53.0 DUR HRW 43.2 DUR HRW 33.1 HRS 34.0 33.1 DUR HRW 33.0 HRS JUR 34.0 33.1 <td>DUR HRW HRS 45.0 47.0 9.4 DUR 44.0 44.9 8.5 DUR 44.9 8.5 DUR 44.9 8.5 DUR 44.9 8.5 DUR 46.8 42.0 10.4 DUR 46.0 44.3 12.2 DUR 46.0 45.6 12.3 DUR 48.0 57.0 7.6 HRS 46.0 57.0 7.6 DUR 48.3 39.2 7.6 DUR 48.3 39.2 7.6 DUR HRW 48.5 7.1 HRS DUR 45.8 7.1 DUR HRW 10.6 10.6 DUR HRW 10.6 12.2 DUR HRW 10.6 12.2 HRW 45.8 53.0 12.2 DUR HRW 10.6 12.2 DUR HRW 10.6 12.2 DUR HRW 10.16 <t< td=""><td>DUR HRW 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25.1 12 33.5 36.0 37.9 HRS 1.9 45.8 7.1 57.0</td><td>DUR 38.9 HRS 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 44.8 DUR 40.0 44.0 1 43.1 26.0 50.0 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 39.7 DUR 29.4 10.4 65.3 26.9 15 57.9 35.6 46.2 50.5 49.7 HRW 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 44.3 DUR 73.0 37.0 8 48.3 39.1 48.5 39.1 45.5 51.4 40.2 56.5 51.4 48.1 DUR 54.0 57.0 72.0 76 51.5 25.1 12 33.5 33.6 29.1 43.5 45.1 DUR 33.1 32.1 67.0 19.0 4 46.3 43.0 41.1 36.5 56.4 57.0 57.0</td><td>DUR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 44.8 44.6 DUR HRW 40.0 44.9 8.5 62.2 32.8 11 43.1 26.0 50.0 47.0 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 39.7 43.2 HRS 46.8 42.0 10.4 65.3 26.9 15 57.9 35.6 62.2 30.3 32.9 44.5 42.0 HRS 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 44.5 19.4 HRS 46.0 45.6 12.3 73.0 37.0 8 48.3 39.1 36.5 36.1 48.4 19.4 HRS 39.2 7.6 51.5 25.1 12 33.5 38.5 45.1 17.5 DUR</td></td<></td></t<>	DUR HRW 45.0 47.0 9.4 58.0 DUR 44.0 44.9 8.5 62.2 DUR 44.9 8.5 62.2 DUR 44.9 8.5 62.2 DUR 44.9 8.5 62.2 DUR 44.9 65.3 DUR 10.4 65.3 DUR 12.2 60.0 DUR 46.0 45.6 12.3 73.0 DUR 9.2 7.6 51.5 51.5 DUR 39.2 7.6 51.5 DUR 14.8 7.1 57.0 HRS 41.9 45.8 7.1 57.0 HRS 52.9 64.8 10.6 78.4 DUR 14.8 53.0 12.2 63.8 DUR 14.9 45.3 50.2 62.9 DUR 14.0 33.1 10.8 50.0 DUR 14.0 33.1 10.8 50.0 DUR 14.0 33.1 10.8 50.0	DUR HRW 45.0 47.0 9.4 58.0 26.0 DUR HRW 40.0 44.0 44.9 8.5 62.2 32.8 DUR HRW 44.9 8.5 62.2 32.8 32.8 DUR HRW 46.8 42.0 10.4 65.3 26.9 DUR HRW 46.0 44.3 12.2 60.0 17.0 DUR HRW 54.0 57.0 7.6 51.5 25.1 DUR HRW 54.0 57.0 7.6 51.5 25.1 DUR HRW 41.9 45.8 7.1 57.0 31.9 DUR HRW 41.9 45.8 10.6 78.4 44.4 DUR HRW 41.9 43.2 4.5 50.2 35.4 DUR HRW	DUR	DUR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 DUR HRW 40.0 44.0 1 43.1 HRS 44.9 8.5 62.2 32.8 11 47.7 DUR HRW 46.8 42.0 10.4 65.3 26.9 15 57.9 DUR HRW 46.0 44.3 12.2 60.0 17.0 12 34.0 DUR HRW 46.0 45.6 12.3 73.0 37.0 8 48.3 DUR HRW 54.0 57.0 25.1 12 33.5 DUR HRW 54.0 57.0 51.5 25.1 12 33.5 DUR HRW 41.9 45.8 7.1 57.0 31.9 14 46.3 DUR HRW 41.9 45.8 7.1 57.0 31.9 14	DUR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 DUR HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 DUR HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 DUR HRS 46.8 42.0 10.4 65.3 26.9 15 57.9 DUR HRS 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 DUR HRW 46.0 45.6 12.3 73.0 37.0 8 48.3 39.1 DUR HRW 54.0 57.0 2 51.5 25.1 12 33.5 33.6 DUR HRW 39.2 7.6 51.5 25.1 12 33.5 33.6 DUR HRW 48.0 39.2 7.6 51.5 25.1 12 33.5 33.6 DUR HRW 49.2	DIR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 DIR HRW 40.0 44.0 1 43.1 26.0 HRW 40.0 44.0 1 43.1 26.0 HRW 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 DUR HRS 46.8 42.0 10.4 65.3 26.9 15.7.9 35.6 46.2 DUR HRS 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 DUR HRW 54.0 57.0 51.5 25.1 12 33.5 33.6 29.1 DUR 57.0 T 2 48.3 39.1 36.5 25.1 12 33.5 33.6 29.1 DUR 57.0 T 57.0 31.9 44.4 48.3 39.1 36.5 DUR HRS 39.2 7.6 51.5 25.1 12 39.1 46.8 45.8 <td< td=""><td>DIR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 DIR 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 DR 46.8 42.0 10.4 65.3 26.9 15 57.9 35.6 46.2 50.5 DIR 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 HRS 46.0 45.6 12.3 73.0 37.0 8 48.3 91.6 27.6 HRW 54.0 57.0 2 25.1 12 33.5 36.1 33.1 32.1 HRS 50.0 7.6 51.5 25.1 12 33.5 36.0 37.9 HRS 1.9 45.8 7.1 57.0</td><td>DUR 38.9 HRS 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 44.8 DUR 40.0 44.0 1 43.1 26.0 50.0 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 39.7 DUR 29.4 10.4 65.3 26.9 15 57.9 35.6 46.2 50.5 49.7 HRW 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 44.3 DUR 73.0 37.0 8 48.3 39.1 48.5 39.1 45.5 51.4 40.2 56.5 51.4 48.1 DUR 54.0 57.0 72.0 76 51.5 25.1 12 33.5 33.6 29.1 43.5 45.1 DUR 33.1 32.1 67.0 19.0 4 46.3 43.0 41.1 36.5 56.4 57.0 57.0</td><td>DUR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 44.8 44.6 DUR HRW 40.0 44.9 8.5 62.2 32.8 11 43.1 26.0 50.0 47.0 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 39.7 43.2 HRS 46.8 42.0 10.4 65.3 26.9 15 57.9 35.6 62.2 30.3 32.9 44.5 42.0 HRS 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 44.5 19.4 HRS 46.0 45.6 12.3 73.0 37.0 8 48.3 39.1 36.5 36.1 48.4 19.4 HRS 39.2 7.6 51.5 25.1 12 33.5 38.5 45.1 17.5 DUR</td></td<>	DIR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 DIR 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 DR 46.8 42.0 10.4 65.3 26.9 15 57.9 35.6 46.2 50.5 DIR 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 HRS 46.0 45.6 12.3 73.0 37.0 8 48.3 91.6 27.6 HRW 54.0 57.0 2 25.1 12 33.5 36.1 33.1 32.1 HRS 50.0 7.6 51.5 25.1 12 33.5 36.0 37.9 HRS 1.9 45.8 7.1 57.0	DUR 38.9 HRS 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 44.8 DUR 40.0 44.0 1 43.1 26.0 50.0 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 39.7 DUR 29.4 10.4 65.3 26.9 15 57.9 35.6 46.2 50.5 49.7 HRW 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 44.3 DUR 73.0 37.0 8 48.3 39.1 48.5 39.1 45.5 51.4 40.2 56.5 51.4 48.1 DUR 54.0 57.0 72.0 76 51.5 25.1 12 33.5 33.6 29.1 43.5 45.1 DUR 33.1 32.1 67.0 19.0 4 46.3 43.0 41.1 36.5 56.4 57.0 57.0	DUR HRW 45.0 47.0 9.4 58.0 26.0 12 46.4 40.1 45.5 43.0 44.8 44.6 DUR HRW 40.0 44.9 8.5 62.2 32.8 11 43.1 26.0 50.0 47.0 HRS 44.9 8.5 62.2 32.8 11 47.7 48.8 37.6 43.9 39.7 43.2 HRS 46.8 42.0 10.4 65.3 26.9 15 57.9 35.6 62.2 30.3 32.9 44.5 42.0 HRS 46.0 44.3 12.2 60.0 17.0 12 34.0 49.2 30.3 32.9 44.5 19.4 HRS 46.0 45.6 12.3 73.0 37.0 8 48.3 39.1 36.5 36.1 48.4 19.4 HRS 39.2 7.6 51.5 25.1 12 33.5 38.5 45.1 17.5 DUR

DAY 1

2014 SPRING WHEAT CROP TOUR

DAY 2

DAY 2			201-		10	VV II	UĽΑ		nu	1 1	00.	1			
23-Jul															
Route	Class	Est.	Calc.		Std	Hi	Lo	#	2013	2012	2011	2010	2009	2008	200
		2014	2014		Dev			Fields							
Purple #1	HRS		48.5		7.0	58.0	38.0	11	45.9		44.0	44.6	45.3	42.3	35.
	DUR							0	53.6			39.5	39.6	25.0	28.
	HRW		43.0					1					45.5		
Green #2	HRS	48.4	49.2		10.6	68.6	30.5	13	53.0	47.6	41.3	46.1	40.5	38.4	34
010011 #2	DUR	-0	40.Z		10.0	00.0	50.5	0	55.0	-1.0			44.6	50.4	25
								0			36.5	36.5		47.0	20
	HRW												51.3	47.9	
Yellow #3	HRS	48.2	49.0		8.7	63.7	41.0	10	53.9	52.0	39.3	47.9	46.0	44.4	39
	DUR							0		41.0		53.1			
	HRW												75.0		
Orange #4	HRS	43.5	45.1		8.7	60.9	25.4	13	45.9	47.5	32.4	42.0	45.4	29.3	34
U	DUR	32.8	31.1		7.8	41.7	20.4	5		48.7	35.8	37.6	34.0	20.3	34
	HRW								70.5			57.8			
Red #5	HRS	52.6	52.8		14.6	84.0	35.9	14	51.3	33.8	42.0	50.2	44.6	38.6	39
Red #5		52.0	52.0		14.0	04.0	55.5				72.0				
	DUR							0	36.0	23.0		36.5	48.0	42.3	
	HRW									48.6					
Pink #6	HRS	45.8	41.4		13.5	62.9	24.0	8	42.8	50.6	35.5	34.0	32.0	25.2	34
	DUR	35.0	35.9		15.0	46.5	25.3	2	41.1	46.5	29.0	37.4	37.6	15.2	28
	HRW	48.0	42.9					1						24.4	35
Blue #7	HRS	45.2	45.2		6.3	56.5	36.4	11	49.9	50.3	48.3	46.5	46.6	33.1	36
	DUR							0	59.5	54.0		42.0	33.5		
	HRW							0	00.0	01.0		12.0	86.1		
		40.0	474		10.0	<u> </u>	20.0	40	20.2	25 7	F O O	r 0 r		20.4	20
Black #8	HRS	46.3	47.1		10.6	60.0	28.0	12	36.3	35.7	53.2	52.5	48.1	30.4	36
	DUR	45.0	57.8					1	38.1	42.4	50.0	39.5		24.9	22
	HRW										76.0				
Purple #9	HRS							0	48.5	51.0	48.6				
No Route	DUR							0	31.4		28.4				
	HRW										32.6				
Green #10	HRS							0	36.2	39.9	42.3	47.8	41.6		
No Route	DUR							Ő	00.2	31.0	-12.0	47.0	41.0		
NO NOULE	HRW							0		51.0					
Valla		F A F	50.0		07	07.0	25.2	40	20.4	40 F	20.4	47 4	40.7	044	
Yellow #11	HRS	54.5	52.8		9.7	67.9	35.7	13	36.4	48.5	38.4	47.1	46.7	34.1	
	DUR	26.0	25.3					1		48.4			30.5		
	HRW	50.0	38.1					1							
Orange #12	HRS	65.9	57.8		12.9	83.9	44.8	10	41.6	42.2	35.0			19.3	29
	DUR	35.0	36.3		19.9	50.3	22.2	2	37.2	42.4	28.7			25.7	29
	HRW	62.0	62.7					1		55.1					
Red #13	HRS	47.1	49.6		9.1	65.1	36.8	13	46.9	49.3	47.5	43.5	43.4		
	DUR				0		00.0	0	28.7	.0.0	18.6	27.0		21.5	
								0	20.7			27.0	40.4	21.5	
D' 1 ////	HRW	45.0	10 F		40.0	7 0 4	~~ ~	~		10.0	49.4	10 I	40.4		~~
Pink #14	HRS	45.6	48.5		13.0	70.4	32.0	8	50.4	40.2	46.4	48.4	27.0	32.7	26
	DUR	42.3	43.0		3.7	45.3	38.8	3	38.9	36.0	26.3	40.4	29.1	31.1	27
	HRW	45.0	43.0					1			49.0				32
Blue #15	HRS	42.0	40.9		8.5	56.2	26.8	14	48.7	39.2	42.3		52.9	23.4	
	DUR							0	39.2		36.0			24.1	
	HRW							-						-	
Black #16	HRS							0	38.2	52.8	37.0		37.8		
											37.0			40.4	
No Route	DUR							0	44.1	36.5			34.0	13.4	
	HRW									67.0	48.5				
														Ũ	d Average
			CALC.		SD	Flds			2013	2012	2011	2010	2009		20
	Wt. Avg.	47.2	47.3		11.4	169	Wt. Av	g.	44.6	45.5	41.3	44.6	43.5	31.2	33
	HRS	48.3	48.4		10.9	150			45	45.5	42.1	46.3	44.6	34.4	35
	DUR				11.6		DUR		40.1	42.6	31.8	38.9	35.4	23.3	28
	HRW														
	HRW	51.2	45.9			5	HRW		70.5	52.8	57	47.4	54.5	32.2	34
	111.11														
2 day totals			2014 #		#		Fields		166	140	151	110	149	134	
2 day totals	HRS		2014 # 48.3	[±] 2013 306 44.1	# 361		Fields Fields		166 23	140 23	151 27	110 34	149 28	134 54	
2 day totals								DUR							

2014 SPRING WHEAT CROP TOUR

DAY 3

DAY 3				2014 SPKI	NG	VV F	IĽA	IU	KÜI		JUr	K.		
24-Jul	-14													
Route	Class	Est.	Calc.	Std	Hi	Lo	#	2013	2012	2011	2010	2009	2008	2007
		2014	2014	Dev			Fields							
Purple #1	HRS	50.7	59.6	4.6	64.5	55.3	3	62.6		54.5	59.4	45.0	43.7	45.
	DUR	45.0	31.1				1							
	HRW							52.5			66.5			
Green #2	HRS	48.4	51.0	10.8	71.8	30.0	10	39.6	56.6	41.4		46.8	41.9	42.1
OTOOT #2	DUR	10.1	01.0	10.0	11.0	00.0	0	41.7	00.0		01.0	24.3	11.0	
	HRW						U	41.7	52.9			24.0		
Yellow #3	HRS		47.7	7.3	58.0	35.0	9	46.0	50.9	52.3	46.2	46.5	47.2	46.3
1 EIIOW #3	DUR		47.7	7.5	50.0	55.0	0	40.0	50.9	52.5			32.8	40.0
							0				35.0	1.0	32.0	
0	HRW	50 F		~ ~	50.0	00.0		44.0	40.0	50.0	FO O	44.5	10 5	
Orange #4	HRS	50.5	44.4	6.9	53.3	38.2		41.9	48.9	53.9	56.6	44.5	40.5	32.6
	DUR						0				34.5			
.	HRW								41.3				·	
Red #5	HRS						0	57.3	49.8	43.4	50.3	59.3	45.7	52.5
No stops	DUR						0	57.1						
	HRW													
Pink #6	HRS	52.0	52.1	8.9	62.0	41.0		48.3	44.7	43.8	53.8	54.3	38.1	45.0
	DUR						0							
	HRW													
Blue #7	HRS	49.0	53.0	1.1	53.7	52.2	2		48.5	39.3	49.8	57.8	49.7	40.5
	DUR						0				60.0			
	HRW													
Black #8	HRS	55.0	61.5	2.1	63.0	60.0	2	52.5	43.3	47.1	67.8	51.0	42.2	43.7
	DUR						0							
	HRW													
Purple #9	HRS						0	60.7	49.0	41.6				
No Route	DUR						0	35.0	10.0	11.0				
Noncolic	HRW						0	00.0						
Green #10	HRS						0	47.9	49.0	47.3	47.6	43.0		
							0	47.9		47.3	47.0	43.0		
No Route	DUR						U		66.0					
V-II #44	HRW	44.0	44.0	44.0	04.0	04.4	40		477		45.0	50.0		
Yellow #11	HRS	44.2	44.2	11.0	64.3	24.1	10		47.7	41.4	45.9	53.2		
	DUR						0				31.3	28.1		
~	HRW	51.0	41.2				1							
Orange #12		45.9	44.7	7.0	57.5	36.0		41.3	46.3	32.0			37.1	
	DUR						0							
	HRW													
Red #13	HRS	56.4	57.7	9.9	75.0	47.0			44.9	38.8	45.6			
	DUR						0							
	HRW													
Pink #14	HRS	48.6	47.2				1	44.8	50.0	51.5	47.6	50.8	46.5	37.1
	DUR	54.6	44.8				1							
	HRW	56.0	43.4				1		28.7				34.4	
Blue #15	HRS	49.0	53.8	15.2	71.1	32.4		50.4	39.3	48.7		49.4		
-	DUR		34.3			-	1			-				
	HRW						-							
Black #16	HRS						0	48.0	57.3	46.7		39.7		
No Route	DUR						0	10.0	51.5	<i></i>		55.1		
No Noule	HRW						U							
	1 11 X V V												Woighto	d Averages
						1		0040	0010	0011	0010		-	-
			CALC.	SD	Flds	I		2013	2012		2010	2009		200
	Wt. Avg.	49.2		10.4		Wt. Av	g.	48.7	48.4	45.2	50.2	49.7	42.9	42.6
	HRS	49.2	50.2	10.2		HRS		49.1	48.6	45.2	50.3	50.2	43.1	42.6
	DUR	44.9	36.7	7.2	3	DUR		42.1	66		40.2	26.2	32.8	
	HRW	53.5	42.3			HRW		52.5	43.1		66.5		34.3	
						Fields	HRS	72	66	64	80	89	83	55
						Fields		5	1	0	4	2	1	(
						Fields		1	6	0	2	2	1	(
						Total F		78	73	64	2 86	91	85	55