

Hard Red Winter Wheat - Recrop

Dickinson,ND

Variety	Heading Date <sup>1</sup>	Seeds per Pound	Height	Lodging Score <sup>2</sup>	Test Weight	Protein	Grain Yield			Returns	Average Yield	
							2001	2002	2003		2 Year	3 Year
	June		in	0-9	lbs/bu	%	-----bu/ac-----			\$/ac	----bu/ac----	
Agassiz	16	13,137	41	1.3	62.4	14.3	51.7	40.8	74.1	215.63	57.4	55.5
Alliance	13	13,009	32	1.0	61.5	12.6	32.7	46.9	65.7	187.25	56.3	48.4
Arapahoe	16	13,776	37	1.3	61.2	13.8	48.7	46.9	69.1	200.39	58.0	54.9
CDC Falcon	15	16,575	29	1.0	60.8	12.9	--	55.4	83.4	238.52	69.4	--
CDC Kestrel	17	15,105	38	1.0	57.7	12.5	48.7	39.4	80.2	226.97	59.8	56.1
CDC Raptor	18	14,924	35	1.0	59.6	13.2	--	41.3	76.5	219.56	58.9	--
Crimson	16	12,449	36	1.3	61.1	13.9	34.3	46.8	73.8	214.02	60.3	51.6
Elkhorn	17	15,027	39	1.3	59.5	13.5	50.1	37.3	73.9	213.57	55.6	53.8
Expedition	14	12,352	30	1.0	61.7	13.3	--	50.3	70.8	203.90	60.6	--
Good Streak	16	13,207	37	1.0	63.2	13.5	--	--	73.4	212.13	--	--
Harding	16	14,848	37	1.0	59.3	13.9	42.1	52.5	70.3	203.87	61.4	55.0
Jagalene	15	12,055	29	1.0	63.4	13.9	--	--	76.2	220.98	--	--
Jerry	16	11,468	37	1.0	60.2	13.5	43.4	43.3	76.7	221.66	60.0	54.5
Millenium	15	13,687	34	1.0	63.0	13.8	--	49.3	79.4	230.26	64.3	--
Morgan	18	15,144	36	1.0	60.0	13.3	--	40.4	80.0	230.40	60.2	--
Nekota	13	13,542	31	1.0	61.4	13.9	35.1	47.4	59.3	171.97	53.4	47.3
Northstar	19	14,201	41	1.0	60.5	13.5	51.6	32.9	81.4	235.25	57.1	55.3
Paul	17	17,032	33	1.0	56.6	13.4	--	--	84.6	238.57	--	--
Ransom	16	15,815	37	1.0	59.5	13.1	45.4	44.6	80.3	230.46	62.5	56.8
Roughrider	17	13,880	39	1.3	61.5	14.1	46.1	22.8	66.6	193.81	44.7	45.2
Seward	19	15,595	40	1.0	61.9	13.4	42.4	33.7	82.5	237.60	58.1	52.9
Tandem	15	11,635	36	1.0	62.8	14.9	32.3	39.2	63.3	184.20	51.3	44.9
McClintock	16	14,387	39	1.0	61.6	13.5	--	--	83.8	242.18	--	--
Wahoo	15	15,466	33	1.0	59.3	13.0	--	48.0	83.3	239.07	65.7	--
Wesley	13	11,424	28	1.0	61.8	13.9	--	45.2	65.9	191.11	55.6	--
Windstar	14	14,960	39	1.0	62.1	13.9	42.0	43.2	69.1	200.39	56.1	51.4
Trial Mean	16	14,157	35	1.0	60.8	13.5	43.1	42.8	75.0	216.26	--	--
C.V. %	5.4	15.6	4.9	19.9	2.6	1.5	13.9	12.4	9.5	--	--	--
LSD .05	1	3,104	2	NS	2.2	0.4	8.6	8.2	10.0	--	--	--

Planting Date: September 17 , 2002

Harvest Date: August 1, 2003

<sup>1</sup>Winterkill notes were not recorded since little winter injury was observed.

<sup>2</sup>Lodging 0=No lodging, 9=Completely flat

Returns were calculated by multiplying the 2003 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 26. The price paid on this date was \$2.83/bu, assuming that grain protein concentration was 12%. An additional \$.01/bu was paid for each additional 0.25% increase in grain protein up to 14% protein. Grain was discounted \$0.02/bu for each 0.25% reduction in grain protein from 12% to 10%, below which no additional discount was assigned. Returns factored in discounts for grain with a test weight < 60 lb/bu [-\$.01/bu per 1 lb/bu between 60 and 58 lb/bu; -\$.01/bu per 0.5 lb/bu between 58 and 57 lb/bu; -\$.02/bu per 0.5 lb/bu between 57 and 55 lb/bu; and -\$.04/bu per 0.5 lb/bu between 55 and 50 lb/bu; and -\$.06/bu per 0.5 lb/bu between 50 and 46 lb/bu].