

**North Dakota State University \* Dickinson Research Extension Center**  
 1089 State Avenue, Dickinson, ND 58601-4642 Voice: (701) 483-2348 FAX: (701) 483-2005

Hard Red Winter Wheat - Recrop Dickinson, ND												
Variety	Winter Survival	Seeds per Pound	Height	Lodging Score	Test Weight	Protein	Grain Yield			Returns	Average Yield	
							1999	2000	2001		2	3
							-----bu/ac-----				\$/ac	----bu/ac----
	%		in	0-9	lbs/bu	%						
Agassiz	76	15,773	41	4.3	58.3	14.2	71.2	73.5	51.7	107.61	62.6	65.5
Alliance	61	15,388	30	2.8	55.3	12.5	61.6	75.9	32.7	63.43	54.3	56.7
Arapahoe	76	15,684	34	3.0	58.3	12.9	73.3	84.0	48.7	102.04	66.3	68.7
CDC Kestrel	74	16,189	33	3.5	56.4	12.7	81.5	77.9	48.7	96.60	63.3	69.4
Crimson	57	14,855	29	2.0	58.1	14.1	71.8	79.6	34.3	71.43	56.9	61.9
Elkhorn	75	16,924	37	4.0	56.3	13.4	68.9	73.5	50.1	99.65	61.8	64.2
Erhardt	71	16,003	32	1.0	57.3	14.4	66.0	72.9	43.3	89.63	58.1	60.7
Harding	74	15,246	34	2.5	56.9	13.8	78.0	82.6	42.1	85.97	62.3	67.6
Jerry	68	14,163	32	3.0	56.5	13.5	74.8	81.0	43.4	88.12	62.2	66.4
Nekota	68	14,127	28	1.5	58.3	13.6	61.6	75.1	35.1	72.53	55.1	57.3
Norstar	84	16,176	42	3.8	58.5	13.1	70.1	72.2	51.6	107.85	61.9	64.6
Ransom	80	18,587	33	4.5	55.4	13.3	67.3	79.0	45.4	88.82	62.2	63.9
Roughrider	76	16,997	40	5.0	58.1	14.2	59.1	70.2	46.1	96.53	58.2	58.5
Seward	76	15,987	38	4.3	58.5	12.9	76.0	68.7	42.4	86.22	55.6	62.4
Tandem	56	13,738	31	2.3	56.5	14.2	63.1	81.6	32.3	64.73	56.9	59.0
Windstar	71	16,483	34	3.8	59.1	13.4	63.5	76.1	42.0	89.34	59.1	60.5
Trial Mean	71	15,770	34	3.2	57.3	13.5	69.2	74.8	43.1	88.16	--	--

C.V. %	13.2	5.9	10.3	27.8	2.2	--	7.5	6.2	13.9	--	--	--
LSD .05	13	1,332	5	1.3	1.8	--	7.3	6.5	8.6	--	--	--

Planting Date: September 18, 2000

Harvest Date: August 7, 2001

Lodging 0=No lodging, 9=Completely flat

Returns were calculated by multiplying the 2001 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 17. The price paid on this date was \$2.39/bu, assuming that grain protein concentration was 12%. An additional \$.02/bu was paid for each additional 0.25% increase in grain protein up to 14% protein. Grain was discounted \$0.04/bu for each 0.2% 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].

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[Email: drec@ndsuxext.nodak.edu](mailto:drec@ndsuxext.nodak.edu)

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