

2002 Hard Red Winter Wheat - NRPN Hettinger, North Dakota

Entry #	Selection	Winter Kill %	Days to Head 1/1	Plant Height cm	Test Weight lbs/bu	Grain Yield bu/ac
1	Kharkof	1	171	72	56.1	31.3
2	Roughrider	2	171	62	56.8	32.4
3	Nuplains	3	171	52	55.7	32.8
4	Nekota	1	167	57	57.2	39.6
5	G970252W	6	171	57	54.6	27.5
6	SD97457	1	167	58	57.9	39.6
7	SD92107-3	4	170	54	56.9	31.7
8	SD92107-5	2	169	63	55.6	36.0
9	SD97049	2	168	53	58.4	32.0
10	SD97250	2	169	62	58.2	39.6
11	SD97W609	2	168	52	58.7	32.8
12	NW97S277	3	168	56	58.4	33.7
13	NW98S078	3	168	58	54.5	32.4
14	NW99L7042	4	168	55	55.6	36.2
15	NW99L7068	2	167	54	56.7	38.1
16	NW99L7083	2	167	51	56.8	34.3
17	NW99L7171	2	170	62	56.1	37.5
18	NE98471	1	167	58	56.5	37.0
19	NE98503	1	168	62	54.4	42.3
20	NE96737	1	169	61	56.0	38.1
21	NI98418	1	168	69	53.8	37.7
22	NE99445	2	168	57	58.8	38.7
23	NE99469	1	168	59	58.0	35.6
24	NE99495	2	167	61	58.6	40.0
25	NE99533	1	167	55	57.0	37.0
Trial Mean		2	168	58	56.7	35.8
C.V. %		55.9	0.6	7.1	2.0	11.8
LSD .05		2	2	7	1.9	6.9
LSD .01		3	2	9	2.5	ns

Planting Date: September 18, 2001

Harvest Date: July 22, 2002

Previous Crop: Barley

Lodging was not observed.

The nursery sustained severe heat and moisture stress.

Variety	% Winter Surviv	Days to Head	Plant Height	Test Weight	Grain Protein	----- Grain Yield -----			Average	
						1999	2000	2002	2	3
									year	year
						-----bu/ac-----				
Morgan	99	173	27	54.0	16.3	81.7	88.0	32.4	60.2	67.4
Arapahoe	99	168	24	56.7	16.0	74.5	91.3	34.9	63.1	66.9
NeKota	98	166	22	57.5	14.8	71.6	91.2	37.6	64.4	66.8
Ransom	98	171	24	54.4	16.0	71.8	93.3	32.2	62.8	65.8
Jerry	98	170	25	55.5	16.2	73.7	87.4	35.7	61.6	65.6
Alliance	99	166	23	56.0	15.0	68.6	89.2	34.2	61.7	64.0
CDC Kestrel	98	172	26	51.5	15.4	73.0	86.9	30.1	58.5	63.3
Harding	98	169	23	55.2	16.3	64.7	84.2	34.5	59.4	61.1
Windstar	97	169	26	58.5	16.0	72.2	74.4	34.7	54.6	60.4
Crimson	98	170	26	55.6	16.1	66.9	81.0	33.0	57.0	60.3
Erhardt	98	171	23	55.9	16.6	71.3	82.5	27.2	54.8	60.3
Tandem	95	169	24	56.8	15.5	66.5	78.1	32.8	55.4	59.1
Norstar	99	175	28	55.1	16.3	68.2	75.0	28.6	51.8	57.3
Roughrider	98	172	27	55.4	16.5	69.1	72.5	29.7	51.1	57.1
Seward	99	173	29	54.4	15.8	67.3	67.3	31.8	49.6	55.5
Elkhorn	98	172	29	54.0	16.3	60.6	70.4	28.4	49.4	53.1
Agassiz	99	172	30	53.7	16.3	61.5	66.8	27.6	47.2	52.0
CDC Falcon	99	169	22	53.9	16.6		99.6	40.3	70.0	
Wahoo	99	167	23	56.2	15.8			41.1		
Wesley	99	166	21	57.6	15.6			40.5		
S96-71	99	168	22	56.5	15.7			40.1		
Millennium	98	168	24	57.2	15.4			38.2		
S96-35	98	172	25	55.6	15.6			36.3		
Elkhart	95	167	24	56.0	16.2			35.3		
CDC Raptor	98	171	25	53.9	16.2			34.0		
Culver	98	168	24	55.0	15.2			33.2		
Nuplains*	98	169	22	55.5	16.3			30.5		
Pontiac	98	166	23	55.3	15.9			30.5		
Trial Mean	98	170	25	55.5	15.9	70.0	80.3	33.8	--	--
C.V. %	1.6	0.4	7.1	2.0	2.0	14.3	7.5	9.4	--	--
LSD .05	NS	1	3	1.9	0.5	NS	9.8	5.2	--	--
LSD .01	NS	2	4	2.5	0.7	NS	13.1	7.0	--	--

Planting Date: September 18, 2001

Harvest Date: July 22, 2002

Seeding Rate: 1.1 million live seeds/A (approx. 1.6 bu/A)

Previous Crop: 1998 & 99 = Field Pea, 2001 = Hailed out Barley (chem. fallow)

NS = no statistical difference between varieties

*Hard white winter wheat

Notes: The 2001 trial was hailed out. The 2002 trial was grown under severe drought.