

Table 10. HARD RED WINTER : District 6-- Williston, North Dakota - Drylanc

Cultivar/Line	Grain Yield (bushels/acre) ^{3/}			2002 Data					
	2002	2000//2002	1999//2002	Test 2002	Winter survival	Heading Date		Plant height	Protein %
						Julian	Calendar		
		2 yr	3 yr		%			in	
Above (IMI)++	9.4			52.4	8.4	173.3	22-Jun	21.7	13.9
Bighorn (P)+	26.8	41.3	44.8	55.0	13.4	175.0	24-Jun	21.5	15.3
BigSky ++	35.4	47.5*	53.7	57.7	23.9	175.0	24-Jun	28.6	15.7
BZ9W96-895 (P)	21.4	42.5		56.1	9.3	175.3	24-Jun	23.8	14.4
BZ9W97-761 (P,HWW)	22.6	38.7		55.7	9.9	176.0	25-Jun	25.5	14.6
R CDC Falcon (P)+	40.8*	52.7*		53.4	27.2	174.3	23-Jun	23.5	14.7
DW ++ ^{1/}	27.2	43.0	49.6	55.1	12.6	175.3	24-Jun	24.7	14.4
R Elkhorn +	38.8*	48.2*	53	53.9	48.8	175.3	24-Jun	34.4	15.2
R Erhardt	35.5	44.6*	49.1	56.6	27.8	173.7	23-Jun	23.4	15.8
Expedition (SD97457) ++	30.5			55.5	27.4	168.3	17-Jun	25.3	14.7
Gary (HWW) ++ ^{1/}	30.1	44.7*		54.5	14.2	175.3	24-Jun	26.2	14.1
Golden Spike (HWW)+ ^{1/}	17.2	37.8		51.6	8.2	176.0	25-Jun	26.8	14.2
Jerry	45.1**			55.8	41.5	173.0	22-Jun	29.1	15.1
Judith	32.3	44.8*	50.6	52.6	17.4	174.3	23-Jun	28.6	14.8
McGuire	25.1	35.6	42.9	56.3	16.8	170.3	19-Jun	26.4	16.8
R Morgan (P)+	40.0*	51.3*	55.3*	54.4	36.5	174.7	24-Jun	28.1	15.0
MT00117	26.8			54.2	7.2	176.0	25-Jun	26.0	14.7
MT00118	24.4			56.5	8.9	175.0	24-Jun	24.4	16.1
MT00154	31.8			57.1	10.5	175.7	25-Jun	26.6	14.8
MT00159	42.8*			54.6	32.1	174.3	23-Jun	27.2	14.8
MT0088	37.9*			53.0	30.9	174.7	24-Jun	26.5	13.7
MT0097	42.4*			56.5	25.8	175.0	24-Jun	25.3	15.3
MT0099	27.4			53.7	13.4	173.3	22-Jun	26.4	15.7
MT9904	36.5			56.2	17.8	176.0	25-Jun	26.0	14.6
MT9951	37.2			55.6	19.7	175.0	24-Jun	29.1	14.6
MT9982	36.3			55.2	23.4	175.0	24-Jun	26.5	14.6
MT9989	41.4*			52.5	30.0	173.7	23-Jun	26.2	14.7
MTR9997	23.3			56.1	8.1	176.3	25-Jun	24.7	16.2
MTS0023	7.7			54.9	3.3	176.7	26-Jun	23.3	16.0
MTS0031	22.5			53.9	9.3	175.3	24-Jun	25.3	15.7
MTW0049	32.1			55.1	23.9	175.0	24-Jun	23.4	15.9
Neeley	36.0	53.7**	58.3*	54.0	26.1	174.7	24-Jun	29.1	14.4
Norstar	41.3*	51.8*	56.4*	56.8	55.7	175.3	24-Jun	37.4	15.2
NuFrontier (P,HWW) ++	23.2	43.1		53.6	8.9	172.7	22-Jun	24.1	13.5
NuHorizon (P,HWW) ++	10.6	31.1		55.0	3.9	172.7	22-Jun	19.3	14.8
Nuplains (HWW) +	23.6	39.1	43.5	57.6	12.8	175.0	24-Jun	21.8	14.8
NuSky (HWW) ++	36.8	48.9*	53.9	56.8	24.6	175.3	24-Jun	27.0	15.0
NuWest (HWW) +	34.2	46.9*	54.2	56.3	29.1	175.0	24-Jun	26.5	14.9
Paul (MT9426) ++	38.5*	52.6*	60.9**	55.3	27.0	175.0	24-Jun	26.0	15.5
Promontory ^{1/}	30.4	44.3*	46.6	56.0	17.3	174.3	23-Jun	25.7	14.1
Prowers 99 +	19.1	37.2		56.1	7.3	175.0	24-Jun	26.4	14.9
Pryor (BZ9W96-919)(P)++	32.1	50.2*		54.7	19.2	175.0	24-Jun	22.8	14.1
Quantum 542 (P)	24.0	41.4	49.0	55.7	10.8	173.7	24-Jun	27.0	15.3
Rampart ^{2/}	-	-	-	-	-	-	-	-	-
Ransom +	42.7*	51.2*	56.3*	52.4	45.0	174.3	23-Jun	28.3	14.3
Rocky	29.7	44.7*	48.0	56.3	17.2	175.0	24-Jun	28.5	14.4
Tiber	28.4	43.7*	51.7	56.5	14.9	175.7	25-Jun	29.5	15.2
Vanguard	20.8	37.4	44.1	54.3	7.2	174.7	24-Jun	24.8	15.2
Wahoo +	34.3			53.1	24.4	170.0	19-Jun	26.4	14.7
Average	30.4	44.5	51.1	55.0	20.1	174.5	24-Jun	26.2	14.9
LSD (0.05)	7.4	10.4	6.7		8.8	1.6		3.1	
C.V.	15.0	11.4	7.9		25.2	0.6		7.2	

** = indicates highest yielding variety within a column

* = indicates varieties yielding equal to highest yielding variety within a column based on Fisher's protected LSD (p=0.05)

R = Recommended Variety in Montana District 6; (P) = Private Variety; + = Protected Variety; ++ = PVP Pending

^{1/} = Dwarf Smut Resistant; (HWW) = Hard White Winter Wheat^{2/} = Rampart not planted in 2002: Yield in 2000 = 50.4, 1999 = 28.4 bu/a.^{3/} = Severe winterkill in 2001, test not harvested