

Table 9. HARD RED WINTER : District 6-- Sidney - Dryland

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)++	32.3			59.0	34.3	168.2	17-Jun	24.9	13.5
Bighorn (P)+	39.7	53	56.8	60.1	53.2	171.9	21-Jun	26.9	13.3
BigSky ++	42.7	51.2	53.9	61.0	71.7	172.3	21-Jun	32.4	14.0
BZ9W96-895 (P)	39.0	53.4		59.8	45.8	172.2	21-Jun	28.5	12.7
BZ9W97-761 (P,HWW)	38.2	49.7		58.7	58.4	172.5	22-Jun	32.0	13.4
R CDC Falcon (P)+	53.0**	61.6**		58.8	84.4	169.6	19-Jun	28.0	13.0
DW ++ ^{1/}	39.2	52.3	52.6	59.2	53.5	172.2	21-Jun	27.8	13.3
R Elkhorn +	40.9	52.5	55.3	57.8	81.2	173.5	23-Jun	37.0	13.6
R Erhardt	42.1	49.7	54.6	60.8	86.9	170.0	19-Jun	28.9	14.3
Expedition (SD97457) ++	43.0			61.2	80.3	165.7	15-Jun	28.4	14.2
Gary (HWW) ++ ^{1/}	34.8	51.3		59.1	52.7	172.7	22-Jun	31.6	12.3
Golden Spike (HWW)+ ^{1/}	38.7	49.9		57.7	53.4	173.7	23-Jun	32.2	13.0
Jerry	51.8*			60.3	88.1	171.3	20-Jun	32.9	13.2
Judith	42.2	53.4	58.5	56.7	63.0	172.3	21-Jun	30.5	13.2
McGuire	31.7	42.0	46.8	59.7	44.0	168.5	18-Jun	29.0	15.4
R Morgan (P)+	47.8*	57.9*	62.7*	58.0	84.5	173.9	23-Jun	32.2	13.7
MT00117	32.9			56.1	25.2	174.5	24-Jun	29.3	13.8
MT00118	34.5			59.1	31.4	174.2	23-Jun	28.7	13.9
MT00154	32.9			58.6	17.5	174.8	24-Jun	29.4	13.7
MT00159	47.4*			59.0	72.8	172.0	21-Jun	29.4	12.5
MT0088	45.0			57.9	83.1	170.0	19-Jun	31.8	11.2
MT0097	43.3			60.2	69.4	172.1	21-Jun	27.7	13.1
MT0099	37.3			58.4	61.2	171.1	20-Jun	29.7	14.0
MT9904	39.1			59.2	50.0	172.6	22-Jun	30.4	13.5
MT9951	41.0			58.1	61.7	173.4	22-Jun	32.1	13.2
MT9982	47.6*			59.3	72.3	172.5	22-Jun	30.5	12.5
MT9989	40.0			56.7	58.4	172.7	22-Jun	30.1	13.4
MTR9997	36.5			60.5	52.7	173.2	22-Jun	28.8	13.5
MTS0023	9.1			57.2	2.1	175.8	25-Jun	25.5	14.7
MTS0031	32.2			58.3	53.9	171.9	21-Jun	31.4	13.6
MTW0049	40.8			60.7	67.8	173.9	23-Jun	29.1	12.9
Neeley	45.1	57.0*	60.1*	58.2	57.8	172.9	22-Jun	33.9	12.8
Norstar	43.8	57.0*	59	59.3	89.6	174.9	24-Jun	34.9	12.9
NuFrontier (P,HWW) ++	35.3	48.6		59.3	54.3	169.8	19-Jun	27.8	12.4
NuHorizon (P,HWW) ++	21.3	45.5		60.7	12.8	169.8	19-Jun	24.1	13.3
Nuplains (HWW) +	36.8	49.5	52.7	62.1	51.3	172.5	22-Jun	25.4	12.8
NuSky (HWW) ++	46.9	54.8	58.1	59.8	87.8	172.6	22-Jun	32.5	13.4
NuWest (HWW) +	43.8	52.2	55.5	59.5	73.6	172.2	21-Jun	31.4	13.1
Paul (MT9426) ++	45.2	58.6*	63.9**	57.9	74.9	174.0	23-Jun	29.9	13.0
Promontory ^{1/}	42.2	53.8	55.3	61.2	44.5	172.0	21-Jun	28.9	12.9
Prowers 99 +	30.9	42.6		60.6	35.1	171.8	21-Jun	30.8	14.2
Pryor (BZ9W96-919)(P)++	45.0	60.1*		58.9	71.1	172.9	22-Jun	29.0	11.9
Quantum 542 (P)	41.2	54.4	60	60.1	63.3	171.0	20-Jun	31.6	14.3
Rampart ^{2/}	-	-	-	-	-	-	-	-	-
Ransom +	49.1*	56.5*	58.9	58.2	82.3	170.0	19-Jun	32.7	12.7
Rocky	39.9	54.5	55.9	60.6	51.5	171.4	20-Jun	32.0	13.3
Tiber	39.6	53.1	55.3	60.8	61.1	173.5	23-Jun	33.5	13.9
Vanguard	24.0	42.1	46.7	59.1	16.8	174.6	24-Jun	30.1	14.4
Wahoo +	45.6			59.0	69.8	171.0	20-Jun	30.2	12.6
Average	39.5	52.3	56.1	59.2	59.0	172.1	21-Jun	30.2	13.3
LSD (0.05)	6.2	5.2	4.6	1.5	19.8	1.8		2.9	
C.V.	9.2	8.6	8.7	1.6	19.6	0.6		5.6	

** = 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; (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 = 60.8, 1999 = 46.7 bu/a^{3/} = Severe winterkill in 2001, test not harvested