

Table 3. HARD RED WINTER : District 1-- Kalispell - Dryland (High Rainfall)

Cultivar/Line	Grain Yield (bushels/acre)				2002 Data				
	2002	2001-2002	2000-2002	1999-2002	Test weight lb/bu	Heading Date		Plant height in	Protein %
						Julian	Calendar		
		2 yr	3 yr	4 yr					
Above (IMI)++	112.8				63.2	161.3	10-Jun	35.3	13.2
R Bighorn (P)+	113.3	93.6	100.4	113.2	61.5	166.0	15-Jun	35.3	13.5
BigSky ++	104.0	88.6	95.9	108.0	62.8	167.3	16-Jun	39.4	13.4
BZ9W96-895 (P)	127.9*	101.5	109.2*		63.2	165.0	14-Jun	36.6	11.9
BZ9W97-761 (P,HWW)	104.0	89.3	98.3		61.5	165.3	14-Jun	38.5	12.3
R CDC Falcon (P)+	117.1	89.8	98.3		61.6	164.7	14-Jun	32.4	12.0
DW ++ <sup>1/</sup>	130.5*	104.2*	107.4*	118.3*	63.4	166.7	16-Jun	35.0	12.5
Elkhorn +	107.5	93.1	92.3	101.2	62.3	167.7	17-Jun	45.7	13.1
Erhardt	113.5	92.4	99	110.3	63.5	166.7	16-Jun	37.3	13.0
Expedition (SD97457) ++	115.0				63.6	162.3	11-Jun	35.0	13.6
Gary (HWW) ++ <sup>1/</sup>	135.8**	103.8*	101.7		61.6	165.7	15-Jun	40.7	11.2
Golden Spike (HWW)+ <sup>1/</sup>	118.4	97.7	100.7		62.0	169.0	18-Jun	39.4	10.8
Jerry	118.1				62.9	167.3	16-Jun	39.4	12.6
R Judith	129.1*	102.9*	109.3*	121.3*	61.7	165.0	14-Jun	38.6	12.3
McGuire	109.2	87.3	98.9	109.1	62.3	162.3	11-Jun	35.6	14.4
Morgan (P)+	121.6	95.0	93.7	103.9	61.7	167.7	16-Jun	38.5	12.4
MT00117	133.1*				61.2	166.7	16-Jun	37.8	11.7
MT00118	120.6				62.7	165.3	14-Jun	38.7	12.5
MT00154	120.8				63.5	166.7	16-Jun	41.5	13.4
MT00159	124.5				62.3	166.0	15-Jun	35.2	12.1
MT0088	127.4*				61.4	165.3	14-Jun	37.4	11.3
MT0097	124.6				62.7	166.3	15-Jun	36.6	12.6
MT0099	119.7				61.9	165.0	14-Jun	38.1	13.0
MT9904	129.0*	105.5*			62.1	166.3	15-Jun	40.8	12.3
MT9951	129.7*	109.5**			62.0	166.7	16-Jun	42.1	12.6
MT9982	124.7	102.8*			61.6	166.7	16-Jun	37.1	12.3
MT9989	117.3	98.2			60.7	165.3	14-Jun	39.5	12.7
MTR9997	127.5*	106.6*			63.5	165.3	14-Jun	38.6	12.6
MTS0023	120.1				61.3	169.0	18-Jun	40.9	14.2
MTS0031	110.8				62.9	165.7	15-Jun	37.7	13.4
MTW0049	123.4				63.9	166.7	16-Jun	36.6	12.6
R Neeley	121.1	96.9	104.7	118.0*	62.9	167.3	16-Jun	39.1	12.5
Norstar	103.9	90.5	86.3	96.2	63.1	168.7	18-Jun	49.9	12.2
NuFrontier (P,HWW) ++	118.5	93.9	104.5		63.7	163.7	13-Jun	34.9	11.4
NuHorizon (P,HWW) ++	115.4	87.7	95.6		63.9	162.0	11-Jun	32.0	12.2
Nuplains (HWW) +	115.5	93.8	104.3	111.6	63.7	164.3	13-Jun	32.7	13.0
NuSky (HWW) ++	112.8	93.9	97	107.7	62.1	167.0	16-Jun	38.3	12.1
NuWest (HWW) +	118.6	95.1	100.4	112.8	62.2	166.7	16-Jun	37.0	12.6
Paul (MT9426) ++	126.6	96.7	105.7	121.3*	60.6	166.7	16-Jun	34.7	12.4
R Promontory <sup>1/</sup>	128.1*	99.9	112.4*	122.9**	63.9	164.3	13-Jun	35.7	12.1
Prowers 99 +	115.9	92.3	102.9		65.1	162.7	12-Jun	39.8	13.4
Pryor (BZ9W96-919)(P)++	126.9	105.2*	114.7**		61.6	167.3	16-Jun	33.9	11.6
R Quantum 542 (P)	122.8	95.3	105.1	117.4*	62.2	164.0	13-Jun	39.5	13.4
Rampart <sup>2/</sup>	-	-	-	-	-	-	-	-	-
Ransom +	117.3	89.2	94.5	103.6	61.2	165.0	14-Jun	39.8	12.5
Rocky	125.5	97.5	103.3	112.9	64.2	165.0	14-Jun	40.3	12.1
Tiber	114.4	99.7	103.9	114.1	63.5	168.0	17-Jun	41.7	12.8
Vanguard	104.1	85.3	98.1	106.7	62.8	166.3	15-Jun	39.9	14.4
Wahoo +	127.6*				62.1	162.7	12-Jun	34.4	12.2
Average	119.4	96.3	101.3	111.5	62.5	165.8	15-Jun	38.0	12.6
LSD (0.05)	8.5	7.0	8.3	6.6		0.3		1.9	
C.V.	4.4	6.4	8.8	7.3		0.5		3.3	

\*\* = 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

<sup>1/</sup> = Dwarf Smut Resistant; (HWW) = Hard White Winter Wheat

<sup>2/</sup> = Rampart not planted in 2002: Yield in 2001 = 59.8, 2000 = 113.3, 1999 = 129.7 bu/a.