

WILLISTON RESEARCH EXTENSION CENTER - 2007
HARD RED WINTER WHEAT VARIETY ON FALLOW

Cultivar	Winter Survival %	Heading Date fr 1/1	Plant Height cm	Plant Height inches	Leaf Necrosis %*	Test Weight lbs/b	Yield bus/a	Grain Protein %
CDC Buteo	90.0	156.3	87.3	34.3	22.5	62.1	74.06	12.8
CDC Falcon	87.5	155.0	69.3	27.3	22.5	59.7	73.13	12.6
Expedition	85.0	148.8	74.0	29.1	50.0	60.4	65.53	12.6
Harding	85.0	156.0	86.0	33.9	7.5	60.3	70.23	13.3
Jagalene	68.8	154.8	75.0	29.5	27.5	61.0	67.75	12.6
Jerry	93.0	156.0	90.3	35.5	32.5	59.6	79.58	13.3
McClintock	80.0	157.3	94.3	37.1	10.0	61.2	70.81	13.2
Millennium	87.5	155.0	82.8	32.6	25.0	61.0	72.29	12.7
Yellowstone	78.8	158.3	80.3	31.6	17.5	59.2	72.72	13.3
NuSky	81.3	159.8	88.8	34.9	10.0	59.8	68.00	13.1
Ransom	90.0	156.3	95.3	37.5	40.0	58.8	71.52	13.1
Roughrider	95.0	155.8	97.5	38.4	40.0	61.1	71.42	14.0
Alice	85.0	150.8	70.5	27.8	25.0	60.9	72.48	12.2
Wendy	88.8	149.5	69.8	27.5	60.0	61.1	75.44	12.9
Wesley	89.3	151.3	70.3	27.7	45.0	59.9	73.55	12.9
Norstar	93.3	159.0	105.5	41.5	20.0	61.3	68.87	13.9
Elkhorn	95.0	158.0	97.0	38.2	32.5	60.5	67.13	14.1
Paul	86.3	158.8	82.0	32.3	10.0	59.1	76.97	13.2
Morgan	92.5	158.5	88.5	34.8	17.5	59.4	74.43	13.2
Kestrel	87.5	154.0	92.5	36.4	32.5	59.8	71.56	12.7
Radiant	87.5	157.0	85.5	33.7	17.5	58.9	69.72	13.5
Good Streak	80.0	154.5	78.0	30.7	25.0	58.8	72.83	11.1
NuDakota	67.5	154.5	69.0	27.2	15.0	58.6	72.80	12.8
Darrell	89.3	154.0	82.0	32.3	12.5	60.5	77.75	12.7
HIGH MEAN	95.0	159.8	105.5	41.5	60.0	62.1	81.51	14.1
LOW MEAN	67.5	148.8	69.0	27.2	7.5	56.9	65.53	11.1
EXP MEAN	85.7	155.3	82.6	32.5	25.8	60.0	72.49	13.0
C.V. %	6.3	.6	3.9	3.9	26.3	.7	4.89	2.9
LSD 5%	7.6	1.4	4.5	1.8	13.9	.9	5.00	.8
LSD 1%	10.1	1.9	6.0	2.4	18.8	1.2	6.64	1.0
# OF REPS	4	4	4	4	2	2	4	2
F-TRT	6.6	28.9	36.7	36.5	6.6	12.8	3.96	4.3

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft.
 Planted: Sept.13, 2006 on Fallow. Applied Fertilizer in lbs/a: 52N:30P2O5:0K:
 Soil Test to two feet in lbs/a: 96N:26P: 42S 1.6 OM pH-5.5
 Soil Type: Williams-Bowbells Loam
 Harvested: July 24 Harvested Area: 66 ft2
 Grain protein percentages reported on a 12% moisture basis.