

**2007 Winter Wheat Variety Trial - Continuously Cropped - No-till Mandan**

Cooperator: USDA-ARS, Northern Great Plains Research Lab., Mandan

This Trial was funded by Ducks Unlimited, Bismarck

Variety	Winter Surv.	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	%	inches	Lbs/bu	%	2005	2006	2007	2 yr	3 yr
Millennium	97	35	63.6	10.5	40.0	36.9	84.2	60.6	53.7
Harding	96	36	62.6	10.9	52.8	36.5	69.1	52.8	52.8
Jerry	97	38	58.7	11.4	46.1	39.1	60.5	49.8	48.6
CDC Buteo	96	33	62.8	10.5	32.8	38.3	70.7	54.5	47.3
Roughrider	98	40	61.4	11.4	36.1	37.2	66.0	51.6	46.4
Wesley	97	29	58.6	10.9	12.8	41.1	73.1	57.1	42.3
Ransom	97	38	59.7	10.5	32.2	30.9	63.6	47.2	42.2
Wendy**	98	29	59.1	11.2	17.8	39.5	66.8	53.2	41.4
Expedition	94	31	59.6	10.6	27.4	36.9	55.7	46.3	40.0
McClintock	95	40	61.5	10.7	21.7	35.7	54.1	44.9	37.2
CDC Falcon	97	30	55.6	12.0	16.9	37.4	54.1	45.8	36.1
Yellowstone	98	33	55.4	11.7	12.5	34.5	50.6	42.6	32.5
Alice**	98	29	59.1	10.5		43.5	61.6	52.6	
Jagalene	97	32	57.1	10.7		42.0	60.1	51.0	
Paul	97	34	55.7	11.1		41.5	59.3	50.4	
Goodstreak	95	33	55.3	9.8		34.5	65.2	49.8	
Radiant	97	35	59.1	11.0		36.5	55.7	56.1	
Darrell**	97	35	60.2	9.9			73.5		
NuDakota	97	30	57.8	9.6			67.2		
Willow Creek#	98	50	--	14.2			24.9		
SD96240-3-1	94	31	60.0	10.3			62.8		
SD98W175-1	84	32	58.4	11.0			55.7		
MT02136	97	33	57.1	10.4			75.9		
BT1-6007L	98	30	61.5	10.8			74.3		
Trial Mean	96	34	59.1	10.9	27.4	37.5	62.7	--	--
C.V. %	3.5	4.1	2.1	5.9	20.7	16.5	14.3	--	--
LSD .05	6	2	2.0	1.1	9.5	NS	14.7	--	--
LSD .01	NS	3	2.7	1.4	12.9	NS	19.6	--	--

\*\* Hard white winter wheat.

# Forage winter wheat.

NS = No Statistical difference between varieties.

Planting Date: September 30, 2006

Harvest Date: August 3, 2007

Seeding Rate: 1 million live seeds / acre (approx. 1.4 bu/A).

Previous Crop: 2004 = lentil, 2005 & 2006 = HRWW.