

**2005 Winter Wheat Variety Trial - Continuously Cropped - No-till**

**Hettinger**

Variety	Winter Surv.	Days to Head	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	%	From 1/1	inches	Lbs/bu	%	2003	2004	2005	2 yr	3 yr
						----- Bushels per acre -----				
Jerry	95	167	36	57.7	13.8	51.7	64.6	70.8	67.7	62.4
Harding	98	165	37	57.0	13.3	54.2	60.6	71.1	65.8	62.0
Millennium	98	165	36	56.7	12.6	47.5	55.4	66.9	61.2	56.6
McClintock	98	169	38	57.8	13.1	46.9	53.7	63.3	58.5	54.6
CDC Falcon	93	167	32	55.7	13.2	52.5	41.5	66.7	54.1	53.6
Arapahoe	98	166	38	57.3	13.4	44.4	42.6	69.6	56.1	52.2
Ransom	92	168	37	55.8	13.1	43.8	46.7	64.5	55.6	51.7
Expedition	96	160	32	54.4	12.9	54.2	43.2	55.7	49.4	51.0
Wesley	96	160	29	56.5	13.8	37.2	44.3	68.7	56.5	50.1
Roughrider	98	167	42	58.5	13.4	38.0	50.2	60.8	55.5	49.7
Jagalene	96	164	32	57.3	13.0	18.3	42.4	61.3	51.8	40.7
Yellowstone	96	169	35	55.2	12.6		57.0	68.2	62.6	
NuSky*	95	168	35	55.1	12.5		55.4	48.5	52.0	
CDC Buteo	93	167	36	57.7	13.1			65.8		
Wendy*	96	159	30	57.3	13.2			61.7		
Wahoo	98	164	33	**	**	47.7	49.1	**		
Trial Mean	96	166	35	56.5	13.2	44.8	44.8	64.0	--	--
C.V. %	3.5	0.8	4.6	2.9	3.2	17.1	19.5	4.5	--	--
LSD .05	NS	2	3	NS	0.7	12.5	NS	4.7	--	--
LSD .01	NS	3	4	NS	0.9	16.6	NS	6.3	--	--

\* Hard white winter wheat

\*\* Wahoo was not harvested due to severe infestation of common bunt.

Planting Date: September 20, 2004                      Harvest Date: July 28, 2005  
 Seeding Rate: 1 million live seeds / acre (approx. 1.4 bu/A).  
 Previous Crop: 2003 & 2004 = soybean, 2005 = barley.

**2005 Winter Wheat Variety Trial - Continuously Cropped - No-till Mandan**

Cooperator: USDA-ARS, Mandan

This trial was funded by Ducks Unlimited, Bismarck

Variety	Winter	Plant	Test	Grain	Grain Yield		Avg Yield
	Surv.	Height	Weight	Protein	2004	2005	2 Year
	%	inches	Lbs/bu	%	--- Bushels per acre ---		
Harding	67	38	56.4	11.7	52.6	52.8	52.7
Jerry	62	36	53.8	12.0	54.3	46.1	50.2
Millennium	32	32	55.9	11.9	55.0	40.0	47.5
Ransom	60	35	51.2	12.2	51.1	32.2	41.6
Arapahoe	44	39	54.0	12.4	51.9	29.4	40.6
Roughrider	57	42	55.7	11.5	44.2	36.1	40.2
Expedition	72	30	52.5	11.5	50.0	27.4	38.7
CDC Falcon	17	29	51.4	13.0	48.0	16.9	32.4
Wahoo	20	29	48.9	12.5	50.0	14.4	32.2
Wesley	43	25	50.7	12.9	49.5	12.8	31.2
Jagalene	12	No harvest data			52.2		
CDC Buteo	63	34	54.6	11.8		32.8	
McClintock	20	36	52.1	12.4		21.7	
Wendy*	20	27	51.2	12.8		17.8	
NuSky*	35	36	51.2	12.5		15.6	
Yellowstone	38	31	47.6	13.1		12.5	
Trial Mean	44	33	52.4	12.1	51.0	27.4	--
C.V. %	37.6	5.6	1.1	2.1	6.7	20.7	--
LSD .05	35	3	0.9	0.4	5.7	9.5	--
LSD .01	46	4	1.3	0.6	7.6	12.9	--

\* Hard white winter wheat

Planting Date: September 21, 2004

Harvest Date: August 15, 2005

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

Previous Crop: 2004 = barley, 2005 = lentil.