

<b>2004 Hard Red Winter Wheat Variety Trial - Continuously Cropped No-fill Hettinger</b>
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Variety	Winter Survival	Days to Head	Plant Height	Test Weight	Grain Protein	----- Grain Yield -----			Average Yield	
						2002	2003	2004	2 year	3 year
	%	from 1/1	inches	lbs/bu	%	-----bu/ac-----				
Jerry	99	163	27	59.3		35.7	51.7	64.6	58.2	50.7
Harding	99	163	25	60.5		34.5	54.2	60.6	57.4	49.8
Millenium	98	161	25	60.7		38.2	47.5	55.4	51.4	47.0
Wahoo	98	160	21	57.6**		41.1	47.7	49.1	48.4	46.0
CDC Falcon	99	160	19	58.3		40.3	52.5	41.5	47.0	44.8
Seward	99	166	30	61.1		31.8	39.2	61.1	50.2	44.0

Trial Mean	70	171	31	57.1	14.8	80.3	33.8	44.8	--	--
C.V. %	31.4	0.7	7.2	2.3	3.0	7.5	9.4	17.1	--	--
LSD .05	36	2	4	2.2	0.7	9.8	5.2	12.5	--	--
LSD .01	48	2	5	2.9	1.0	13.1	7.0	16.6	--	--

Planting Date: October 10, 2002

Harvest Date: August 4, 2003

Seeding rate: 750,000 live seeds/A (approx. 1.4 bu/A).

Previous Crop: 1999 = soybean, 2001 = barley, 2002 = soybean.

Notes: The 2002 and 2003 trials sustained severe heat and moisture stress.

**2004 Hard Red Winter Wheat Variety Trial at Mandan  
Continuously Cropped – No-till**

Variety	Winter Kill	Plant Height	Test Weight	Grain Protein	Grain Yield
	%	inches	lbs/bu	%	bu/A
Millenium	2	25	56.3		55.0
Jerry	4	28	56.0		54.3
CDC Raptor	10	29	56.9		53.3
Harding	7	26	56.3		52.6
Jagalene	3	27	57.0		52.2
Elkhorn	5	30	56.8		52.0
Arapahoe	1	27	57.2		51.9
Nekota	2	25	55.5		51.7
Nuplains	2	25	57.1		51.1
Ransom	3	29	54.7		51.1
Expedition	4	22	55.2		50.0
Wahoo	6	27	54.8		50.0
Wesley	2	22	54.0		49.5
CDC Falcon	3	23	55.0		48.0
Roughrider	10	32	57.7		44.2
Trial Mean	4	26	56.1		51.0
C.V. %	121	9.3	1.3		6.7
LSD .05	NS	4	1.2		5.7
LSD .01	NS	6	1.6		7.6

Planting Date: September 25, 2003

Harvest Date: August 13, 2004

Seeding rate: 1 million live seeds/A (approx. 1.2 bu/A).

Previous Crop: Barley

NS = no statistical difference between varieties.