

2003 Hard Red Winter Wheat Variety Trial - Continuously Cropped No-till Hettinger

Variety	Winter Survival	Days to Head	Plant Height	Test Weight	Grain Protein	----- Grain Yield -----			Average Yield	
						2000	2002	2003	2 year	3 year
	%	from 1/1	inches	lbs/bu	%	-----bu/ac-----				
CDC Falcon	77	171	30	56.3	15.2	99.6	40.3	52.5	46.4	64.1
Jerry	78	173	34	56.9	14.8	87.4	35.7	51.7	43.7	58.3
Harding	88	171	31	57.4	14.9	84.2	34.5	54.2	44.4	57.6
Arapahoe	65	170	35	57.1	14.8	91.3	34.9	44.4	39.6	56.9
Nekota	80	169	25	58.8	14.0	91.2	37.6	41.7	39.6	56.8
Ransom	73	172	31	56.5	14.8	93.3	32.2	43.8	38.0	56.4
CDC Kestrel	73	172	36	54.8	14.7	86.9	30.1	45.2	37.6	54.1
Alliance	60	169	28	56.8	14.1	89.2	34.2	38.6	36.4	54.0
Morgan	67	175	31	55.4	15.0	88.0	32.4	40.3	36.4	53.6
Crimson	75	171	30	59.2	14.5	81.0	33.0	44.4	38.7	52.8
Tandem	85	169	28	59.7	14.6	78.1	32.8	47.3	40.0	52.7
Windstar	85	167	33	60.3	14.4	74.4	34.7	47.9	41.3	52.3
Norstar	78	175	39	58.0	15.3	75.0	28.6	48.6	38.6	50.7
Agassiz	88	173	36	57.8	15.3	66.8	27.6	49.4	38.5	47.9
Elkhorn	73	173	35	55.8	15.3	70.4	28.4	43.6	36.0	47.5
Roughrider	52	173	36	57.7	15.0	72.5	29.7	38.0	33.8	46.7
Seward	78	175	34	56.1	15.3	67.3	31.8	39.2	35.5	46.1
Wahoo	73	170	30	54.7	15.1		41.1	47.7	44.4	
Millennium	70	169	30	60.2	14.0		38.2	47.5	42.8	
Wesley	70	168	26	56.8	15.6		40.5	37.2	38.8	
CDC Raptor	47	173	30	54.2	15.1		34.0	42.3	38.2	
Expedition	87	167	29	58.1	14.2			54.2		
Good Streak	95	168	32	59.0	14.9			52.7		
Paul	83	172	31	55.7	15.2			51.1		
McClintock	50	174	35	57.1	14.5			46.9		
2137	73	170	31	59.2	14.6			45.4		
Jagalene	14	171	28	59.0	15.0			18.3		
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.