

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

Hettinger

Variety	Winter Surv.	Heading Date	Plant Height	Lodg	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	%	June	inches	0-9*	Lbs/bu	%	2005	2006	2007	2 yr	3 yr
							----- Bushels per acre -----				
CDC Buteo	99	10	39	0.8	64.2	13.4	65.8	36.9	60.1	48.5	54.3
Harding	99	9	38	0.8	61.2	13.6	71.1	27.0	59.5	43.2	52.5
Jerry	99	9	41	0.5	61.4	14.5	70.8	24.8	59.3	42.0	51.6
Ransom	98	10	40	1.8	58.6	14.0	64.5	30.4	56.4	43.4	50.4
Yellowstone	98	11	35	0.0	60.4	13.2	68.2	20.4	59.3	39.8	49.3
Wesley	98	7	28	0.0	59.6	14.4	68.7	19.1	57.8	38.4	48.5
Wendy**	99	4	30	0.0	62.6	13.8	61.7	18.9	62.8	40.8	47.8
Jagalene	98	8	31	0.0	63.7	13.0	61.3	20.9	60.5	40.7	47.6
CDC Falcon	98	8	33	0.0	61.2	12.8	66.7	8.7	65.9	37.3	47.1
Millennium	98	8	37	0.8	62.6	13.8	66.9	8.7	63.0	35.8	46.2
Roughrider	99	11	44	1.8	61.8	14.9	60.8	28.3	49.5	38.9	46.2
Expedition	98	4	34	1.5	61.9	13.5	55.7	19.4	60.5	40.0	45.2
McClintock	96	11	40	0.2	62.2	13.6	63.3	8.9	50.8	29.8	41.0
Radiant	99	11	38	0.0	59.9	12.2		41.7	59.5	50.6	
Paul	98	11	34	0.2	58.8	13.4		22.4	57.6	40.0	
Goodstreak	95	11	35	0.2	60.3	12.0		17.8	55.8	36.8	
Alice**	97	6	29	0.2	60.3	13.4		14.7	54.3	34.5	
Willow Creek#	99	19	50	1.2	59.4	14.6		21.4	32.3	26.8	
Darrell*	98	9	35	0.8	62.3	13.6			57.0		
NuDakota	95	8	27	0.0	62.8	12.4			55.5		
SD96240-3-1	98	8	35	1.8	62.3	13.1			63.6		
SD98W175-1	94	9	33	0.5	63.9	13.6			63.0		
MT02136	98	10	36	2.2	58.6	12.2			66.9		
BT1-6007L	98	5	30	0.0	62.5	13.2			63.0		
Trial Mean	98	9	35	0.6	61.4	13.4	64.0	22.1	58.1	--	--
C.V. %	1.4	0.7	4.5	73	2.6	6.9	4.5	46.1	6.7	--	--
LSD .05	2	1	2	0.7	2.2	1.3	4.7	17.0	5.5	--	--
LSD .01	2	2	3	0.9	2.9	1.7	6.3	NS	7.2	--	--

* Lodging: 0 = none, 9 = lying flat on ground.

** Hard white winter wheat.

Forage winter wheat.

NS = No Statistical difference between varieties.

Planting Date: September 11, 2006

Harvest Date: July 25, 2007

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

Previous Crop: 2004 = barley, 2005 = soybean, 2006 = field pea.

Notes: The 2006 trial sustained severe late season heat and moisture stress.