

2010 Hard Red Spring Wheat – Continuously Cropped - No-till

Hettinger

Variety	Days to Head	Plant Height	Lodging	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	*	inches	**	lbs/bu	%	2008	2009	2010	2 yr	3 yr
						----- Bushels per acre -----				
Sabin	74	33	1	59.4	14.2	47.0	44.2	92.7	68.4	61.3
Alpine ^a	75	36	1	59.7	13.0	43.6	38.3	88.5	63.4	56.8
Reeder	75	36	0	60.1	14.7	38.3	45.3	86.1	65.7	56.6
Steele-ND	74	36	2	59.3	14.6	48.1	39.2	78.9	59.0	55.4
Blade	76	34	0	60.8	14.0	39.4	47.6	77.0	62.3	54.7
Brennan	75	33	0	60.4	13.7	50.2	37.6	74.7	56.2	54.2
Breaker	77	35	0	60.7	14.0	47.8	37.6	76.3	57.0	53.9
Kuntz	78	31	0	59.1	13.4	44.4	33.5	83.5	58.5	53.8
Jenna	79	33	0	60.0	13.2	42.8	45.0	73.4	59.2	53.7
ND901CL	75	36	0	58.4	15.2	43.1	40.3	76.5	58.4	53.3
Alsen	75	34	0	59.5	14.6	48.2	31.9	78.3	55.1	52.8
RB-07	74	33	0	60.6	14.1	51.6	42.4	63.6	53.0	52.5
Knudson	78	32	0	60.2	13.3	47.2	41.1	67.9	54.5	52.1
Howard	74	35	0	60.5	13.8	39.3	41.8	72.2	57.0	51.1
Samson	75	31	0	59.3	13.3	48.7	37.6	64.0	52.3	51.1
Vantage	82	32	0	61.0	15.3	41.9	44.1	67.4	55.8	51.1
Freyr	78	35	0	60.8	13.8	47.9	35.6	69.6	52.6	51.0
Kelby	74	31	1	59.9	14.3	50.9	33.7	67.2	50.4	50.6
Brick	72	35	2	60.5	13.8	39.8	30.4	80.8	55.6	50.3
Barlow	74	36	0	61.5	14.3	43.1	37.2	68.9	53.0	49.7
Choteau ^b	77	32	0	59.1	14.3	40.5	31.1	75.6	53.4	49.1
Mott ^b	81	34	0	60.0	14.1	34.1	39.0	70.0	54.5	47.7
Faller	78	34	0	58.9	13.6	37.0	36.5	68.8	52.6	47.4
Briggs	73	34	2	61.3	13.9	43.9	36.6	58.4	47.5	46.3
Glenn	74	36	0	62.1	15.0	41.7	31.5	62.5	47.0	45.2
Tom	74	35	2	59.2	14.1		41.7	81.2	61.4	
Brogen	77	32	0	60.2	14.0		41.3	72.7	57.0	
AP605CL	73	36	0	61.2	14.4		42.2	70.2	56.2	
WB Digger	75	34	1	58.3	13.8			80.3		
Edge	76	35	0	59.1	13.9			76.9		
Select	72	35	0	60.8	13.6			74.9		
Trial Mean	76	34	1	59.7	14.0	42.7	38.1	75.4	--	--
C.V. %	1.4	5.5	125	2.4	3.0	8.7	16.4	6.6	--	--
LSD .05	1	3	1	2.0	0.6	5.2	8.7	7.0	--	--
LSD .01	2	4	2	2.6	0.8	6.8	11.5	9.1	--	--

* Days to Head = the number of days from planting to head emergence from the boot.

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

^a hard white spring wheat. ^b Solid stem / sawfly tolerance.

Planting Date: April 12 Harvest Date: August 11

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: 2007 = hrsw, 2008 & 2009 = field pea.

Note: The 2009 trial sustained moderate hail damage.