

2011 Hard Red Spring Wheat Variety Trial at Hettinger

Variety	Days to Head	Plant Height	Test Weight	Grain Protein	----- Grain Yield -----			Average Yield		
	*	inches	lbs/bu	%	2009	2010	2011	2 yr	3 yr	
					----- Bushels per acre -----					
Sabin	64	32	57.9	15.8	44.2	92.7	47.5	70.1	61.5	
Reeder	64	33	55.9	15.7	45.3	86.1	49.4	67.8	60.3	
Tom	64	35	56.9	15.6	41.7	81.2	44.7	63.0	55.9	
Velva	66	33	55.8	15.3	41.1	77.4	49.0	63.2	55.8	
Jenna	67	33	56.5	15.5	45.0	73.4	48.9	61.2	55.8	
Blade	66	33	57.3	15.8	47.6	77.0	40.5	58.8	55.0	
SY605CL	62	35	55.5	15.8	42.2	70.2	51.7	61.0	54.7	
Brennan	64	31	57.1	15.5	37.6	74.7	49.9	62.3	54.1	
Howard	64	35	55.4	15.7	41.8	72.2	46.1	59.2	53.4	
Brick	62	36	59.0	15.4	30.4	80.8	47.7	64.2	53.0	
Brogan	65	32	55.8	15.9	41.3	72.7	44.6	58.6	52.9	
Breaker	65	33	57.8	15.9	37.6	76.3	44.2	60.2	52.7	
Prosper	67	33	55.7	15.8	38.3	78.2	40.0	59.1	52.2	
Steele-ND	65	33	55.5	16.1	39.2	78.9	38.6	58.8	52.2	
Kuntz	65	33	54.3	15.1	33.5	83.5	39.4	61.4	52.1	
ND901CL	66	36	56.3	16.5	40.3	76.5	38.9	57.7	51.9	
Samson	64	30	56.3	15.2	37.6	64.0	53.2	58.6	51.6	
Barlow	64	35	56.7	16.0	37.2	68.9	45.5	57.2	50.5	
Kelby	63	31	57.3	15.9	33.7	67.2	49.9	58.6	50.3	
Vantage	68	32	60.3	17.3	44.1	67.4	37.8	52.6	49.8	
Mott	68	35	58.0	16.6	39.0	70.0	39.3	54.6	49.4	
Faller	66	33	55.9	15.8	36.5	68.8	38.0	53.4	47.8	
Alsen	65	31	55.4	16.6	31.9	78.3	32.1	55.2	47.4	
RB07	64	31	55.2	16.4	42.4	63.6	35.8	49.7	47.3	
Fryer	66	35	54.8	15.8	35.6	69.6	35.8	52.7	47.0	
Briggs	62	35	55.3	15.8	36.5	58.4	43.3	50.8	46.1	
Choteau	66	30	51.4	16.4	31.1	75.6	27.9	51.8	44.9	
Glenn	63	35	59.2	16.1	31.5	62.5	39.5	51.0	44.5	
Edge	64	30	55.8	15.8		76.9	48.5	62.7		
Select	62	35	55.5	16.0		74.9	44.7	59.8		
WB Digger	64	34	52.0	15.6		80.3	38.6	59.4		
SY Soren	63	30	55.4	16.0			48.8			
WB Mayville	63	30	51.6	16.0			41.6			
SY Tyra	65	30	52.7	15.1			39.0			
O'Neal	67	33	53.1	15.9			36.0			
Rollag	64	30	56.5	16.3			35.2			
WB Gunnison	63	32	53.2	15.3			30.3			
Trial Mean	65	33	55.8	15.8	38.1	75.4	42.1	--	--	
C.V. %	1.0	4.7	1.4	1.6	16.4	6.6	6.6	--	--	
LSD 5%	1	2	1.3	0.4	8.7	7.0	4.5	--	--	
LSD 1%	1	3	1.7	0.5	11.5	9.1	5.9	--	--	

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

Planting Date: May 2

Harvest Date: August 15

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

Previous Crop: 2008 & 2009 = field pea, 2010 = HRSW.

Note: The 2009 trial sustained moderate hail damage. The 2011 trial sustained heat stress and moderate infections of bacterial leaf blight and barley yellow dwarf causing lower test weights and grain yields.