

Hard Red Spring Wheat Variety Trial

Williston Research Extension Center 2014

Variety	Heading	Plant	Plant	Protein ²		Test	Yield ³		
	Date	Height	Height	%		Weight	bu/a		
	DAP ¹	in	cm	2014	3yr avg	lb/bu	2014	2yr avg	3yr avg
Prevail	52	30	76	14.5	14.1	59.5	43.0	43.8	41.5
Vida	54	27	69	14.3	14.8	59.6	46.4	41.6	41.0
Forefront	55	30	75	14.4	13.9	61.0	45.7	41.1	40.5
LCS Powerplay	55	27	69	14.8	14.2	60.5	41.2	42.8	40.2
Velva	56	27	69	14.9	15.3	59.5	45.8	41.7	39.6
Jenna	56	28	72	14.3	15.4	59.1	41.8	40.5	38.7
RB07	53	26	67	15.0	15.2	61.1	43.4	38.1	38.4
Brennan	53	27	68	15.5	15.6	61.3	42.3	37.7	37.8
Elgin-ND	56	30	76	15.4	16.0	59.1	41.1	38.6	37.3
Samson	55	27	69	14.5	14.1	59.7	41.3	37.4	37.3
Kelby	53	25	64	15.3	15.8	61.4	38.7	36.3	36.6
LCS Breakaway	56	27	67	15.2	14.9	61.5	37.9	38.2	36.6
SY Tyra	55	26	65	14.3	15.1	61.5	42.2	37.5	36.5
Reeder	53	27	67	14.6	14.8	59.8	44.0	36.3	36.5
Norden	59	27	69	14.5	13.9	61.0	40.3	36.9	36.2
WB-Digger	53	29	72	14.5	14.0	59.0	42.2	35.4	36.2
Duclair	52	29	72	14.5	15.0	58.2	39.0	37.0	36.1
Breaker	55	29	72	14.8	14.4	61.5	40.0	36.7	36.0
Select	55	29	74	14.7	15.1	60.5	36.4	36.6	36.0
Freyr	52	29	74	14.5	15.3	60.5	42.3	37.2	35.8
Glenn	52	30	75	15.3	15.6	62.3	35.0	36.4	35.8
SY Soren	55	26	65	15.5	16.1	60.0	37.2	34.5	35.6
LCS Albany	54	28	70	14.4	15.0	58.8	43.1	36.4	35.4
Barlow	54	28	72	15.5	15.6	60.5	36.6	34.3	35.1
WB-Mayville	52	25	62	14.8	14.3	60.8	40.9	34.5	35.0
Prosper	55	28	70	15.3	15.3	58.1	40.3	37.1	35.0
Sabin	56	27	69	14.3	14.3	59.7	41.2	36.9	34.6
Faller	56	28	70	14.5	15.1	58.4	40.4	36.3	34.4
Choteau	54	27	69	15.9	16.1	59.6	36.9	35.5	34.3
Steele-ND	54	28	72	14.8	15.4	59.7	41.1	34.5	33.8
SY605CL	53	28	72	15.6	14.7	60.1	37.9	34.6	33.7
Vantage	55	26	66	16.1	15.5	61.1	39.0	34.9	33.6
Briggs	52	29	73	15.4	15.6	59.9	38.1	33.5	33.6
Mott	55	28	72	15.3	16.2	60.4	39.1	35.6	33.5
ND 901CL+	52	31	77	16.9	16.9	60.5	37.2	33.3	33.1
Advance	55	28	71	14.8	14.0	59.8	37.9	33.1	32.9
Howard	55	29	74	14.7	15.2	59.4	40.1	33.5	32.9
WB-Gunnison	56	28	72	14.3	14.7	60.1	40.5	31.4	32.4
Agawam (white)	54	28	71	13.2	13.3	61.7	36.2	32.8	32.4
Linkert	54	27	69	15.8	-	59.6	41.3	37.8	-
SY Rowyn	55	26	66	14.0	-	59.6	37.0	36.0	-
LCS Iguacu	55	26	65	14.1	-	60.8	40.1	35.2	-
WB9879CLP	58	26	65	15.1	-	60.5	38.3	35.0	-
Alpine (white)	55	28	71	13.9	-	60.2	46.2	-	-
SY Ingmar	57	27	69	15.1	-	60.7	44.6	-	-
LCS Pro	53	29	74	14.4	-	59.1	43.3	-	-
WB9507	53	28	71	15.4	-	57.4	43.0	-	-

LCS Nitro	56	26	66	14.5	-	59.0	42.5	-	-
Alsen	54	28	71	15.4	-	60.1	41.3	-	-
Rollag	55	28	71	15.4	-	60.4	40.4	-	-
HRS 3419	58	29	74	14.2	-	57.3	40.0	-	-
HRS 3361	55	28	71	15.1	-	59.2	37.4	-	-
HRS 3378	56	27	69	14.3	-	61.0	37.1	-	-
Dapps	57	31	78	16.9	-	57.9	32.2	-	-
Mean	54	28	71	15.0	-	59.9	40.4	-	-
C.V.%	4.9	5.1	5.1	4.0	-	0.9	8.0	-	-
LSD 10%	3.1	1.7	4.2	0.70	-	0.66	3.78	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Planted: 5/09/2014

Harvested: 8/12/2014

Applied fertilizer in lb/a: 54 N : 36 P2O5 : 0 K2O

Harvested area: 56 ft²

Soil type: Williams-Bowbells loam

Previous crop: Green Peas

Soil test to 6" in lb/a: 25.5P : 360K OM-2.4 pH-6.15

Soil test to 24" in lb/a: 36.5N

DAP¹ = Days after planting

Protein² = Reported on a 12% moisture basis

Yield³ = Reported on a 13.5% moisture basis

Stand Establishment: Excellent

Herbicides Applied: Glystarplus 1 quart/acre (pre-durum 5/7/2014), Gold Sky 16 oz/acre (6/03/2014)

Problems: Weeds: None Insects: None Disease: None