

**2016 Hard Red Spring Wheat Variety Trial at Garrison**

Cooperator: Mike Zimmerman, Garrison

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2014	2015	2016	--- Average --- 2 Year 3 Year	
					-----bu/A-----				
Faller	28	0	61.3	13.0	66.1	52.4	65.1	58.8	61.2
Prosper	29	0	61.9	12.5	51.7	54.4	62.8	58.6	56.3
SY Soren	25	0	62.6	13.5	49.8	49.1	60.4	54.7	53.1
Elgin ND	31	0	62.4	13.0	44.5	48.8	60.6	54.7	51.3
Barlow	29	0	64.2	13.4	44.7	47.9	56.7	52.3	49.8
Prevail	27	0	61.7	13.3	43.4	43.7	60.6	52.2	49.2
Glenn	29	0	65.0	13.9	45.5	38.3	56.1	47.2	46.6
SY Ingmar	25	0	62.9	13.3	--	51.3	62.6	57.0	--
LCS Pro	31	0	63.4	12.5	--	48.9	64.2	56.6	--
Prestige	27	0	61.7	13.4	--	45.3	66.2	55.8	--
LCS Nitro	27	0	61.1	12.2	--	47.3	59.2	53.2	--
WB9507	28	0	60.2	13.1	--	46.4	58.0	52.2	--
Redstone	28	0	60.9	12.3	--	39.4	63.9	51.6	--
Bolles	30	0	61.8	13.6	--	36.0	61.1	48.5	--
SY Valda	25	0	62.4	12.6	--	--	69.4	--	--
LCS Prime	28	0	63.2	11.3	--	--	68.4	--	--
HRS3530	29	0	61.7	13.0	--	--	66.0	--	--
HRS3419	26	0	61.7	13.4	--	--	63.2	--	--
Shelly	24	0	62.0	12.8	--	--	62.2	--	--
Boost	29	0	62.2	13.1	--	--	59.4	--	--
Linkert	25	0	62.8	14.5	--	--	57.8	--	--
Trial Mean	28	0	62.4	13.1	49.4	45.8	62.0	--	--
C.V.%	5.1	0	0.5	5.7	9.0	7.7	8.8	--	--
LSD 5%	2	NS	0.4	1.1	6.3	5.0	7.7	--	--
LSD 10%	2	NS	0.3	0.9	4.9	4.2	6.5	--	--

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

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.25 million PLS/A and harvested on August 10.

Previous Crop: 2013 = sunflower, 2014 = barley, 2015 = canola.

Soil Type: Williams Bowbells loam

Tillage: No Till