

Hard Red Spring Wheat Variety Trial at Mohall

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Association

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2016	2017	2018	-- Average -- 2 yr	3 yr
					-----bu/A-----				
Faller	28	0	57.6	14.6	87.5	74.2	74.4	74.3	78.7
SY Valda	25	0	59.9	14.8	84.2	84.4	67.0	75.7	78.5
LCS Prime	26	0	59.4	13.6	82.9	83.4	65.0	74.2	77.1
Elgin ND	29	0	57.2	15.1	82.3	79.1	67.2	73.2	76.2
Barlow	27	0	59.9	15.6	79.1	82.8	63.8	73.3	75.2
HRS 3419	27	0	57.8	13.9	80.0	68.5	76.8	72.7	75.1
SY Ingmar	24	0	59.9	15.5	82.2	80.3	57.4	68.8	73.3
Prosper	28	0	58.4	15.1	87.7	65.1	65.5	65.3	72.8
Boost	29	0	59.2	15.5	76.5	79.2	60.2	69.7	72.0
LCS Nitro	25	0	58.0	14.5	85.8	66.7	62.9	64.8	71.8
Glenn	28	0	60.4	16.0	79.2	73.8	60.1	67.0	71.0
ND VitPro	28	0	60.4	15.7	74.8	75.8	58.0	66.9	69.5
SY Soren	25	0	59.3	15.8	80.0	75.6	52.8	64.2	69.5
Linkert	24	0	59.3	16.6	69.1	83.4	52.0	67.7	68.2
Bolles	27	0	57.6	16.6	74.2	68.7	54.3	61.5	65.7
Lang-MN	28	0	59.5	16.3	--	75.3	68.0	71.6	--
WB9653	25	0	58.6	15.1	--	76.1	61.0	68.5	--
SY Rowyn	26	0	59.0	14.9	--	71.1	56.2	63.7	--
TCG Spitfire	27	0	55.7	13.9	--	--	75.9	--	--
SY Rockford	27	0	57.2	15.2	--	--	68.2	--	--
Mott	33	0	58.7	15.3	--	--	65.0	--	--
DG Ambush	27	0	59.6	15.4	--	--	60.4	--	--
MS Camaro	23	0	59.0	15.5	--	--	59.7	--	--
Rollag	24	0	58.7	15.7	--	--	51.9	--	--
Trial Mean	27	0	58.8	15.3	81.1	75.3	62.7	--	--
C.V.%	6.8	0	1.4	2.2	7.4	6.5	6.7	--	--
LSD 5%	3	NS	1.2	0.5	8.4	6.9	5.9	--	--
LSD 10%	2	NS	1.0	0.4	7.0	5.7	4.9	--	--

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

NS = no statistical difference between varieties.

Planted on April 27 with a seeding rate of 1.25 million PLS/A and harvested on August 10.

Previous Crop: 2015 = sunflower, 2016 & 2017 = durum.

Tillage: minimum till

Soil Type: Barnes loam