

Hard Red Spring Wheat Variety Trial at Mohall

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

Variety	Plant Height	Lodging	Test Weight	Protein %	Grain Yield				
					2014	2015	2016	Average	
	inches	0-9*	lbs/bu		-----bu/A-----				
Faller	35	0	61.1	13.1	68.1	87.3	87.5	87.4	81.0
Prosper	35	0	61.5	13.3	67.8	80.4	87.7	84.1	78.6
Elgin ND	38	0	62.1	14.1	66.2	77.1	82.3	79.7	75.2
Glenn	35	0	64.4	14.5	53.1	71.5	79.2	75.3	67.9
SY Soren	31	0	62.4	13.5	53.4	69.4	80.0	74.7	67.6
Barlow	36	0	63.4	14.4	54.9	63.0	79.1	71.1	65.7
Redstone	36	0	61.3	13.1	--	71.8	96.9	84.3	--
LCS Nitro	34	0	61.2	11.8	--	80.5	85.8	83.1	--
SY Ingmar	31	0	63.1	14.3	--	72.6	82.2	77.4	--
Prestige	32	0	61.3	13.4	--	69.4	85.2	77.3	--
WB9507	35	0	60.3	13.3	--	72.4	81.8	77.1	--
LCS Pro	37	0	62.4	13.9	--	76.1	75.3	75.7	--
Bolles	33	0	61.2	15.9	--	76.6	74.2	75.4	--
HRS3530	35	0	61.8	13.3	--	--	84.7	--	--
SY Valda	32	0	62.2	12.8	--	--	84.2	--	--
Shelly	32	0	62.1	13.4	--	--	84.2	--	--
LCS Prime	34	0	62.9	12.1	--	--	82.9	--	--
HRS3419	33	0	61.4	13.6	--	--	80.0	--	--
Boost	35	0	62.0	14.2	--	--	76.5	--	--
Prevail	33	0	61.3	13.4	57.8	70.1	75.6	72.9	67.8
Linkert	30	0	61.7	15.4	--	--	69.1	--	--
Trial Mean	34	0	62.1	13.7	59.6	73.1	81.1	--	--
C.V.%	3.6	432	0.6	5.3	7.8	8.2	7.4	--	--
LSD 5%	2	NS	0.5	1.0	6.6	8.4	8.4	--	--
LSD 10%	1	NS	0.4	0.9	5.5	7.0	7.0	--	--

*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 16.

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

Tillage: minimum till

Soil Type: Barnes loam