

NDSU North Central Research Extension Center
2017 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				
					2015	2016	2017	-- Average -- 2 yr 3 yr	
					-----bu/A-----				
Faller	34	0	56.9	13.0	87.3	87.5	74.2	80.8	83.0
Elgin-ND	34	0	58.1	14.0	77.1	82.3	79.1	80.7	79.5
Redstone	31	0	57.4	13.8	71.8	96.9	68.3	82.6	79.0
SY Ingmar	32	0	60.1	14.0	72.6	82.2	80.3	81.3	78.4
Prosper	34	0	56.3	13.7	80.4	87.7	65.1	76.4	77.7
LCS Nitro	31	0	56.1	13.3	80.5	85.8	66.7	76.3	77.7
SY Soren	32	0	58.9	13.9	69.4	80.0	75.6	77.8	75.0
Barlow	36	0	60.9	14.0	63.0	79.1	82.8	80.9	75.0
Glenn	37	0	61.4	14.8	71.5	79.2	73.8	76.5	74.8
Bolles	31	0	58.2	15.5	76.6	74.2	68.7	71.5	73.2
SY Valda	30	0	60.3	13.1	--	84.2	84.4	84.3	--
Shelly	31	0	60.1	13.1	--	84.2	82.4	83.3	--
LCS Prime	34	0	59.4	12.7	--	82.9	83.4	83.1	--
HRS 3530	35	0	57.5	13.9	--	84.7	71.2	78.0	--
Boost	32	0	60.3	14.3	--	76.5	79.2	77.9	--
Linkert	29	0	60.2	14.5	--	69.1	83.4	76.3	--
ND VitPro	32	0	60.5	15.0	--	74.8	75.8	75.3	--
HRS 3419	31	0	57.1	13.2	--	80.0	68.5	74.2	--
Surpass	35	0	59.7	12.7	--	--	88.3	--	--
WB9653	31	0	56.9	13.7	--	--	76.1	--	--
Lang-MN	33	0	60.2	14.6	--	--	75.3	--	--
SY Rowyn	32	0	58.2	13.4	--	--	71.1	--	--
Trial Mean	33	0	59.0	13.9	73.1	81.1	75.3	--	--
C.V.%	7.4	0	1.7	4.8	8.2	7.4	6.5	--	--
LSD 5%	3	NS	1.4	0.9	8.4	8.4	6.9	--	--
LSD 10%	3	NS	1.2	0.8	7.0	7.0	5.7	--	--

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

NS = no statistical difference between varieties.

Planted on April 30 with a seeding rate of 1.25 million PLS/A and harvested on August 17.

Previous Crop: 2014 = oat, 2015 = sunflower, 2016 = durum.

Tillage: minimum till

Soil Type: Barnes loam