

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				
					2017	2018	2019	-- Average -- 2 yr 3 yr	
					-----bu/A-----				
SY Valda	25	0	63.1	14.5	84.4	67.0	50.6	58.8	67.3
Elgin ND	30	0	62.6	15.1	79.1	67.2	54.3	60.8	66.9
SY Ingmar	26	0	63.7	15.1	80.3	57.4	49.1	53.3	62.3
ND VitPro	29	0	64.8	14.7	75.8	58.0	50.6	54.3	61.5
Glenn	29	0	64.9	15.6	73.8	60.1	50.5	55.3	61.5
Linkert	25	0	62.8	15.7	83.4	52.0	48.2	50.1	61.2
SY Soren	23	0	63.1	15.9	75.6	52.8	46.4	49.6	58.3
Bolles	27	0	62.2	16.9	68.7	54.3	49.1	51.7	57.4
TCG Spitfire	28	0	61.1	14.1	--	75.9	59.7	67.8	--
DG Ambush	27	0	63.7	15.1	--	60.4	52.1	56.3	--
Mott	30	0	62.8	15.3	--	65.0	53.0	59.0	--
LCS Rebel	27	0	64.3	15.0	--	--	56.0	--	--
CP3888	26	0	61.9	15.2	--	--	53.0	--	--
Lanning	25	0	61.4	16.1	--	--	52.1	--	--
MS Barracuda	25	0	63.1	15.0	--	--	51.5	--	--
SY McCloud	27	0	63.4	15.5	--	--	51.2	--	--
LCS Cannon	25	0	63.2	14.7	--	--	50.0	--	--
MN Washburn	25	0	61.0	14.4	--	--	49.3	--	--
Duclair	27	0	60.2	14.3	--	--	55.0	--	--
TCG Stalwart	27	0	60.4	15.5	--	--	54.3	--	--
SY Longmire	27	0	62.3	15.0	--	--	51.9	--	--
Trial Mean	27	0	62.7	15.2	75.3	62.7	52.2	--	--
C.V.%	6.8	0	1.5	2.7	6.5	6.7	8.4	--	--
LSD 5%	3	NS	1.3	0.6	6.9	5.9	6.2	--	--
LSD 10%	2	NS	1.1	0.5	5.7	4.9	5.2	--	--

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

NS = no statistical difference between varieties.

Bold = solid stem sawfly tolerant varieties.

Planted on April 25 with a seeding rate of 1.25 million PLS/A and harvested on August 22.

Previous Crop: 2016 & 2017 = durum, 2018 = canola.

Tillage: minimum till

Soil Type: Barnes loam