

**2021 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				
					2019	2020	2021	-- Average -- 2 yr 3 yr	
TCG Spitfire	24	0	57.9	15.0	59.7	52.2	49.9	51.0	53.9
Elgin-ND	26	0	58.6	16.3	54.3	54.9	41.5	48.2	50.2
LCS Rebel	24	0	58.0	13.2	56.0	44.8	48.2	46.5	49.7
Mott	24	0	58.9	15.9	53.0	55.2	38.6	46.9	48.9
Lanning	24	0	56.8	13.6	52.1	46.4	47.9	47.2	48.8
SY Valda	23	0	58.7	14.5	50.6	46.8	48.3	47.6	48.6
SY Ingmar	21	0	59.7	16.0	49.1	50.7	44.0	47.3	47.9
SY Longmier	23	0	59.0	15.9	51.9	47.9	43.9	45.9	47.9
DG Ambush	24	0	59.4	14.8	52.1	42.5	41.1	41.8	45.2
Glenn	27	0	60.6	16.2	50.5	44.7	39.7	42.2	45.0
SY Soren	23	0	59.3	16.1	46.4	46.8	41.5	44.1	44.9
Bolles	26	0	57.9	18.0	49.1	44.6	37.5	41.1	43.7
ND Vitpro	25	0	60.3	16.8	50.6	44.3	35.7	40.0	43.5
ND Frohberg	26	0	59.3	16.7	56.7	42.0	29.8	35.9	42.8
Linkert	22	0	59.2	17.0	48.2	39.9	35.4	37.6	41.2
MN Torgy	24	0	59.3	15.3		55.3	50.6	52.9	
AP Murdock	24	0	57.6	15.1		51.2	47.6	49.4	
DG Commander	26	0	58.4	15.7		45.3	51.3	48.3	
Faller	24	0	57.2	15.9		53.9	38.2	46.1	
Dagmar	25	0	59.1	16.4		46.9	42.8	44.9	
Barlow	25	0	60.6	15.9		44.3	38.4	41.4	
LCS Buster	26	0	60.0	15.7			46.7		
LCS Trigger	23	0	58.1	16.2			45.9		
AP Gunsmoke	24	0	58.3	15.5			44.5		
AP Smith	22	0	58.6	15.5			42.7		
Driver	25	0	59.8	15.7			42.0		
CP3915	23	0	59.5	16.0			40.6		
Trial Mean	24	0	58.9	15.7	52.2	46.2	42.9	--	--
C.V.%	7.6	0	0.8	3.1	8.4	7.7	15.2	--	--
LSD 5%	NS	NS	0.5	0.6	6.2	5	7.4	--	--
LSD 10%	3	NS	0.4	0.5	5.2	4.2	6.2	--	--

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

NS = no statistical difference between varieties.

Planted on May 6 with a seeding rate of 1.25 million PLS/A and harvested on August 16.

Previous Crop: 2018 = canola, 2019 = durum, 2020 = canola.

Tillage: minimum till

Soil Type: Barnes loam

Note: The 2021 trial sustained moderate drought. View data with caution.