

## 2022 Hard Red Spring Wheat Variety Trial at Wilton

Cooperator: Wes Doepke, Wilton

Variety	Plant		Test		-----Grain Yield-----				
	Height inches	Lodging 0-9*	Weight lbs/bu	Protein %	2019	2020	2022	2 yr avg	3 yr avg
					-----bu/A-----				
ND Froberg	25	0	59.4	16.4	51.3	56.0	60.5	58.2	55.9
TCG Spitfire	20	0	58.6	15.8	48.7	52.5	66.1	59.3	55.8
Glenn	25	0	61.3	16.4	52.1	52.0	60.9	56.4	55.0
Linkert	23	0	59.8	16.2	52.3	50.9	60.9	55.9	54.7
Mott	25	0	58.6	16.7	48.8	55.2	59.4	57.3	54.5
Bolles	27	0	58.6	18.1	48.8	51.7	58.6	55.2	53.0
ND Vitpro	27	0	60.7	16.5	53.8	46.2	58.8	52.5	52.9
SY Ingmar	23	0	58.8	15.8	49.2	54.1	52.3	53.2	51.9
Lanning	21	0	57.6	17.0	46.0	53.6	55.6	54.6	51.7
SY Valda	21	0	58.3	16.1	49.0	46.8	59.0	52.9	51.6
Faller	25	0	57.7	15.6	--	58.8	63.1	60.9	--
MN Torgy	21	0	60.1	16.1	--	59.8	57.3	58.6	--
AP Murdock	21	0	58.4	16.6	--	45.6	51.7	48.6	--
CP3915	22	0	59.9	16.0	--	--	66.1	--	--
MN Rothsay	21	0	60.1	16.0	--	--	64.6	--	--
AP Gunsmoke CL2	23	0	57.8	17.0	--	--	62.7	--	--
WB9590	21	0	58.6	16.7	--	--	62.7	--	--
LCS Buster	21	0	56.8	14.7	--	--	62.4	--	--
AP Smith	19	0	59.1	15.6	--	--	59.7	--	--
Ascend-SD	24	0	58.7	16.5	--	--	61.9	--	--
ND Heron	24	0	59.7	16.4	--	--	57.2	--	--
LCS Trigger	24	0	58.7	15.2	--	--	56.2	--	--
Trial Mean	23	0	58.5	16.3	50.1	52.6	59.2	--	--
C.V.%	7.2	0.0	0.8	2.3	7.9	9.4	5.0	--	--
LSD 5%	3	NS	0.7	0.6	5.6	6.9	4.9	--	--
LSD 10%	2	NS	0.6	0.5	4.7	5.8	4.1	--	--

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

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.25 million PLS/A and harvested on August 9.

Previous Crop: 2018 = corn, 2019 = durum, 2021 = hrsw

Tillage: minimum till

Soil Type: Mandan silt loam

The 2021 trial was severely impacted by drought. Data not shown.