

**2021 Hard Red Spring Wheat Variety Trial at Garrison**

Cooperators: Brian and Roger Bendickson, Garrison

Variety	Lodging 0-9 <sup>1</sup>	Test Weight lbs/bu	Protein %	Grain Yield				
				2019	2020	2021	-- Average* -- 2 yr 3 yr	
				-----bu/A-----				
TCG Spitfire	0	56.9	17.1	61.2	31.1	8.4	46.1	53.6
SY Valda	0	58.7	17.3	61.1	33.0	12.6	47.0	53.3
Elgin ND	0	55.9	17.1	57.3	30.4	9.7	43.8	53.1
DG Ambush	0	58.8	17.9	57.5	28.3	9.7	42.9	51.1
Linkert	0	59.9	17.6	57.6	33.8	12.9	45.7	50.7
SY Ingmar	0	59.4	17.8	56.9	30.6	10.2	43.7	50.0
SY Soren	0	58.6	17.9	55.8	31.3	11.7	43.5	48.1
ND Vitpro	0	58.5	17.7	59.6	27.1	11.4	43.3	47.9
Glenn	0	59.0	17.5	54.9	27.3	11.1	41.1	47.7
Bolles	0	56.3	19.1	50.9	26.4	8.8	38.7	46.6
SY Longmire	0	58.2	18.3	63.6	33.4	10.3	48.5	--
LCS Rebel	0	59.0	17.8	64.4	30.7	10.2	47.5	--
Lanning	0	54.3	18.0	58.3	32.2	7.3	45.2	--
ND Frohberg	0	57.3	17.1	53.3	29.5	12.8	41.4	--
Mott	0	56.4	17.5	49.9	32.6	10.9	41.2	--
MN Torgy	0	57.4	17.6	--	36.1	10.1	--	--
Dagmar	0	56.9	17.7	--	35.3	14.5	--	--
DG Commander	0	58.6	17.5	--	30.5	9.6	--	--
Faller	0	54.8	18.0	--	30.2	9.2	--	--
Barlow	0	58.5	17.1	--	28.5	12.2	--	--
Driver	0	59.7	16.3	--	--	15.7	--	--
CP3915	0	59.4	17.0	--	--	12.5	--	--
LCS Trigger	0	57.5	16.3	--	--	11.0	--	--
LCS Buster	0	55.9	17.2	--	--	9.6	--	--
Trial Mean	0	57.8	17.5	57.9	30.9	10.9	--	--
C.V.%	0	1.7	4.6	7.9	10.3	28.7	--	--
LSD 5%	NS	1.7	NS	6.5	4.5	NS	--	--
LSD 10%	NS	1.4	1.1	5.4	3.7	NS	--	--

<sup>1</sup> Lodging: 0 = none, 9 = lying flat on the ground.

**\*The 2021 trial sustained extreme heat and moisture stress. Data from this trial may be unreliable and should be viewed with caution. 2 and 3 year average yields do not include 2021 data.**

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.25 million PLS/A and harvested on August 18.

Previous Crop: 2018 = soybean, 2019 = spring wheat, 2020 = soybean.

Tillage: no-till

Soil Type: Williams Bowbells loam