

2020 Hard Red Spring Wheat Variety Trial at Wilton

Cooperator: Wes Doepke, Wilton

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield			-- Average --	
					2018	2019	2020	2 yr	3 yr
					-----bu/A-----				
TCG Spitfire	26	0	60.6	13.6	84.1	48.7	52.5	50.6	61.8
SY Ingmar	26	1	63.6	14.7	72.2	49.2	54.1	51.6	58.5
SY Soren	25	0	63.5	15.0	71.6	51.0	52.7	51.8	58.4
DG Ambush	27	2	63.5	14.8	74.0	54.6	46.2	50.4	58.3
Glenn	30	1	63.6	15.5	70.3	52.1	52.0	52.1	58.1
Elgin ND	30	0	63.0	14.8	71.8	47.6	53.3	50.5	57.6
Linkert	26	0	64.1	15.4	69.1	52.3	50.9	51.6	57.4
ND Vitpro	28	1	63.9	15.4	69.3	53.8	46.2	50.0	56.4
Bolles	29	1	62.7	17.0	68.3	48.8	51.7	50.3	56.3
SY Valda	25	0	64.0	13.3	64.7	49.0	46.8	47.9	53.5
LCS Rebel	30	2	63.8	15.2	--	51.7	56.8	54.2	--
ND Frohberg	30	0	64.0	14.4	--	51.3	56.0	53.6	--
LCS Cannon	26	1	65.0	14.2	--	53.8	51.0	52.4	--
MS Barracuda	26	1	63.7	15.3	--	49.7	55.2	52.4	--
SY McCloud	26	2	64.1	14.4	--	55.4	48.9	52.2	--
Mott	31	0	62.9	15.0	--	48.8	55.2	52.0	--
SY Longmire	26	0	63.2	14.6	--	47.7	55.2	51.5	--
MN Washburn	25	0	62.4	13.9	--	50.1	51.5	50.8	--
Lanning	27	1	63.2	15.2	--	46.0	53.6	49.8	--
TCG Stalwart	27	2	61.9	15.6	--	45.3	47.5	46.4	--
MN Torgy	26	1	63.6	14.9	--	--	59.8	--	--
Allegent 822	27	0	64.5	14.7	--	--	58.9	--	--
Faller	28	1	62.5	13.6	--	--	58.8	--	--
Dagmar	29	1	61.5	15.6	--	--	58.2	--	--
CP 3055	25	0	57.9	12.7	--	--	57.3	--	--
Lang-MN	30	1	64.5	14.9	--	--	55.9	--	--
Shelly	26	0	63.8	13.6	--	--	55.7	--	--
DG Ballistic	29	0	62.7	13.5	--	--	54.9	--	--
DG Commander	27	1	63.5	14.4	--	--	53.1	--	--
Allegent 834	23	2	64.2	14.2	--	--	53.0	--	--
Boost	28	1	62.0	14.9	--	--	52.3	--	--
Barlow	30	2	64.3	14.9	--	--	48.4	--	--
DG Velocity	26	0	64.4	15.6	--	--	46.6	--	--
AP Murdock	26	1	63.6	13.4	--	--	45.6	--	--
Trial Mean	27	1	63.3	14.7	72.0	50.1	52.6	--	--
C.V.%	4.5	101	1.2	4.2	5.8	7.9	9.4	--	--
LSD 5%	2	1	1.0	0.9	5.9	5.6	6.9	--	--
LSD 10%	1	1	0.9	0.7	5.0	4.7	5.8	--	--

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

Bold = solid stem sawfly tolerant varieties.

Planted on April 24 with a seeding rate of 1.25 million PLS/A and harvested on August 6.

Previous Crop: 2017 = soy, 2018 = corn, 2019 = durum

Tillage: minimum till

Soil Type: Mandan silt loam