

2020 Hard Red Spring Wheat Variety Trial at Minot

Variety	Days		Lodging	Test Weight	Protein	Grain Yield				
	to Head	Plant Height				2018	2019	2020	Average	
	DAP ¹	inches							0-9*	lbs/bu
						-----bu/A-----				
LCS Trigger	62	29	0	61.0	12.2	97.3	54.9	73.0	64.0	75.1
Faller	59	27	2	59.6	13.6	101.7	58.0	63.8	60.9	74.5
SY Rockford	59	26	0	59.2	13.4	102.0	50.9	64.6	57.8	72.5
CP3530	59	28	2	60.3	14.0	92.3	47.0	67.8	57.4	69.0
SY 611CL2	57	23	0	61.6	14.5	90.8	47.1	68.7	57.9	68.9
MS Barracuda	54	25	2	60.2	15.0	94.6	51.8	59.6	55.7	68.7
Shelly	58	24	0	59.9	13.7	97.7	42.4	64.3	53.3	68.1
TCG Spitfire	59	26	0	60.8	14.0	85.6	49.8	68.9	59.4	68.1
MS Chevelle	56	24	1	60.5	12.7	85.1	49.0	69.0	59.0	67.7
AAC Penhold	58	24	0	60.1	14.4	89.5	48.5	63.4	55.9	67.1
Lanning	56	24	1	59.2	14.3	94.3	47.9	56.4	52.1	66.2
Boost	58	28	0	60.1	14.9	86.1	50.9	58.6	54.7	65.2
Sy Soren	58	24	0	60.5	15.4	84.6	48.6	61.7	55.1	65.0
Elgin ND	56	28	0	59.4	14.7	82.8	50.6	60.9	55.7	64.8
DG Ambush	55	26	0	61.8	14.9	87.7	44.6	59.9	52.3	64.1
SY Longmire**	57	25	0	60.5	14.9	81.0	47.0	63.5	55.3	63.8
AAC Goodwin	57	28	1	61.0	15.2	78.0	49.1	63.8	56.4	63.6
Bolles	57	26	0	59.9	16.7	81.8	45.6	59.1	52.3	62.2
Lang-MN	59	26	0	61.3	14.0	77.6	50.6	58.2	54.4	62.1
SY Valda	57	23	1	60.3	13.5	88.7	44.6	52.1	48.3	61.8
SY McCloud	56	26	0	60.7	14.9	90.8	41.0	53.3	47.2	61.7
LCS Cannon	54	23	0	61.6	13.9	84.5	43.1	56.3	49.7	61.3
Linkert	57	24	0	60.5	15.9	84.5	42.4	56.5	49.5	61.1
LCS Rebel	56	28	1	62.1	14.0	74.5	48.3	60.2	54.3	61.0
MN Washburn	58	23	0	60.1	13.6	80.4	47.3	54.6	51.0	60.8
Mott**	60	30	0	60.8	14.9	76.0	49.2	56.9	53.1	60.7
ND Frohberg	57	29	0	61.5	15.4	80.4	41.2	59.9	50.6	60.5
Barlow	54	25	1	61.4	14.4	82.4	46.2	52.1	49.1	60.2
Glenn	55	27	1	61.0	15.2	82.2	39.2	55.8	47.5	59.1
SY Ingmar	57	25	0	61.2	15.5	82.3	37.0	55.9	46.5	58.4
ND Vitpro	55	26	1	60.8	15.1	77.1	39.1	52.3	45.7	56.2
DG Commander	55	26	0	60.5	14.4	--	55.7	66.7	61.2	--
CP3910	56	25	1	61.0	14.7	--	48.5	70.1	59.3	--
Duclair**	58	29	2	59.8	14.1	--	47.2	66.1	56.7	--
MN Torgy	57	24	0	60.8	13.7	--	49.3	61.3	55.3	--
CP3915	57	24	0	60.6	13.7	--	50.3	55.6	53.0	--
TCG Heartland	56	24	0	61.1	15.0	--	49.5	55.9	52.7	--
Dagmar**	57	24	1	58.3	15.1	--	48.7	51.6	50.2	--
AP Murdock	57	23	0	59.5	14.0	--	40.2	59.7	50.0	--
TCG Stalwart**	56	22	1	57.3	15.5	--	48.2	50.8	49.5	--
LCS Buster	61	27	0	59.4	12.2	--	--	75.9	--	--
TCG Wildcat	57	26	0	61.6	14.7	--	--	65.7	--	--
DG Ballistic	58	26	0	59.6	13.9	--	--	65.3	--	--
Driver	58	27	0	61.8	13.8	--	--	65.0	--	--
CP3055	61	25	0	56.4	12.8	--	--	62.7	--	--
CP3903	55	26	1	59.7	15.3	--	--	60.6	--	--
MS Ranchero	56	23	0	58.9	12.9	--	--	59.6	--	--
Allegent 822	57	23	0	61.0	14.5	--	--	58.5	--	--
DG Velocity	57	25	1	61.2	15.4	--	--	55.0	--	--
Allegent 8432	55	22	0	60.1	15.7	--	--	52.8	--	--
Allegent 834	55	19	0	57.0	15.3	--	--	39.1	--	--
Trial Mean	57	25	0	60.3	14.4	86.1	47.0	59.9	--	--
C.V.%	1.6	5.1	88	1.2	5.5	10.2	13.7	10.3	--	--
LSD 5%	1	2	1	1.2	1.3	14.3	10.4	10	--	--
LSD 10%	1	2	1	1.0	1.0	1.0	8.7	8.4	--	--

¹ DAP = Days after planting.

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

** Wheat Stem Sawfly tolerant.

Previous Crop: 2017, 2018 & 2019 = soybean.

No-till planted on May 1 with a seeding rate of 1.25 million PLS/A and harvested on August 24.

Soil Type: Williams Loam