

NDSU Langdon Research Extension Center
2021 Variety Trial Data

Hard Red Spring Wheat - 2021	Nelson County-Pekin
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Variety	Shatter ¹	Protein		Test Weight	Grain Yield				
		2021	3-yr Avg.		2019	2020	2021	2-yr Avg.	3-yr Avg.
	0-9	-----%-----		lbs/bu	-----bu/a-----				
Faller	2.3	14.9	14.7	59.0	85.5	51.3	43.9	47.6	60.2
ND Froberg	6.0	16.0	--	59.8	--	52.5	20.3	36.4	--
MN-Washburn	0.0	15.4	15.3	59.1	67.4	48.9	55.5	52.2	57.3
MN-Torgy	3.0	16.1	--	59.6	--	56.1	55.1	55.6	--
Driver	2.0	15.2	--	59.6	--	--	57.1	--	--
SY Ingmar	2.0	16.0	15.4	60.2	76.4	57.3	44.9	51.1	59.5
SY Valda	1.7	14.8	14.4	58.8	78.8	65.4	53.2	59.3	65.8
SY611CL2	0.7	15.6	15.3	59.7	75.7	53.5	57.2	55.3	62.1
SY McCloud	2.3	16.3	--	60.7	73.9	52.8	50.8	51.8	59.2
AP Murdock	4.0	15.3	14.5	59.4	82.5	68.5	37.4	52.9	62.8
AP Smith	3.0	15.4	--	59.1	--	57.1	48.3	52.7	--
AP GunsmokeCL2	0.7	15.6	--	57.9	--	--	58.6	--	--
CP3119A	2.7	14.4	--	55.8	--	--	47.1	--	--
CP3188	1.3	13.9	--	56.7	--	--	50.4	--	--
CP3530	1.0	15.4	--	58.9	79.0	--	53.5	--	--
LCS Trigger	1.7	13.7	12.7	58.6	91.3	70.5	60.6	65.6	74.1
LSC Rebel	2.3	16.1	15.5	59.8	76.1	63.7	48.2	56.0	62.7
LCS Cannon	1.3	15.4	14.8	60.6	82.5	49.6	57.6	53.6	63.2
LCS Buster	3.0	13.6	--	57.3	--	59.5	39.5	49.5	--
MS Barracuda	2.7	16.5	15.9	59.2	80.5	42.0	39.1	40.6	53.9
MS Cobra	4.3	15.7	--	59.1	--	--	41.4	--	--
DG Ambush	2.0	15.9	15.5	60.2	71.7	52.6	40.5	46.6	54.9
DG Ballistic	3.3	14.8	14.6	58.2	87.3	46.4	49.0	47.7	60.9
DG Commander	6.7	15.0	14.6	59.6	80.1	54.6	27.4	41.0	54.0
TCG-Spitfire	1.0	15.8	14.7	58.5	74.3	59.2	49.7	54.5	61.1
TCG-Heartland	2.0	16.8	15.9	60.5	68.1	49.9	54.2	52.1	57.4
TCG-Wildcat	4.3	15.9	--	60.0		64.6	44.3	54.4	--
Trial Mean	2.4	15.4	--	59.1	73.9	53.8	47.6	--	--
C.V. %	35.5	1.3	--	0.4	4.9	7.8	10.1	--	--
LSD 5%	1.4	0.2	--	0.2	5.1	5.9	4.6	--	--
LSD 10%	1.2	0.2	--	0.2	4.3	5.0	3.9	--	--

Planting Date: May 7

Harvest Date: October 5

Previous Crop: Soybean Soil Type: Lankin loam

¹Relative Rating 0-9

There was significant negative correlation between yield and shatter of **-0.82.