

**NDSU Langdon Research Extension Center
2022 Variety Trial**

Hard Red Spring Wheat - 2022

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Variety	Days to Head	Plant Height	Protein		Test Weight	Grain Yield				
			2022	2-yr ¹ Avg.		2019	2020	2022	2-yr ² Avg.	3-yr ² Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
SY Ingmar	50	31	15.0	15.1	61.5	81.0	77.1	75.3	76.2	77.8
SY Valda	50	32	14.1	14.2	60.8	80.2	78.8	86.1	82.5	81.7
WB9590	48	28	15.0	--	60.3	--	--	74.4	--	--
AP Murdock	50	31	13.7	13.9	61.7	81.5	87.4	92.6	90.0	87.2
Glenn	47	35	15.0	15.1	62.7	74.7	73.6	67.6	70.6	72.0
Faller	51	34	13.6	13.9	61.4	83.7	80.6	85.7	83.2	83.3
Shelly	51	30	14.1	15.1	60.2	82.1	57.7	76.0	66.9	71.9
Bolles	52	33	15.8	16.2	60.4	72.5	67.9	71.0	69.5	70.5
AAC Brandon	50	32	15.0	--	61.5	--	--	75.0	--	--
AAC Starbuck	49	33	15.3	--	61.2	--	--	80.1	--	--
AAC Wheatland	49	33	15.5	--	61.0	--	--	75.7	--	--
AP Gunsmoke CL2	49	30	14.8	15.2	60.4	--	76.6	80.6	78.6	--
AP Smith	52	31	14.7	14.8	60.6	--	75.5	79.8	77.7	--
Ascend-SD	51	36	14.1	--	62.3	--	--	89.9	--	--
CAG Justify	52	34	13.1	--	60.0	--	--	92.6	--	--
CAG Reckless	49	35	14.3	--	61.5	--	--	82.3	--	--
CAG Recoil	56	32	14.4	--	60.8	--	--	85.5	--	--
CP3099A	54	35	12.5	--	58.9	--	--	81.8	--	--
CP3188	50	33	13.0	--	59.9	--	--	80.5	--	--
CP3530	52	36	14.7	15.0	61.0	78.3	83.1	86.7	84.9	82.7
Dagmar	49	32	15.6	15.9	59.6	--	66.0	68.7	67.4	--
Driver	51	34	13.9	14.2	62.1	--	72.7	81.9	77.3	--
Lanning	49	32	15.3	16.0	58.2	--	57.1	60.5	58.8	--
LCS Ascent	47	31	13.6	--	61.4	--	--	85.0	--	--
LCS Buster	54	35	12.5	12.7	59.1	--	73.4	86.4	79.9	--
LCS Cannon	46	30	14.6	14.7	61.7	80.9	73.3	75.8	74.6	76.7
LCS Dual	48	32	13.9	--	61.4	--	--	73.1	--	--
LCS Hammer AX	49	31	14.4	--	61.0	--	--	79.5	--	--
LCS Rebel	48	33	14.6	15.0	62.3	81.3	75.5	76.7	76.1	77.8
LCS Trigger	55	35	12.1	12.4	61.4	87.2	80.6	93.5	87.1	87.1
MN Rothsay	52	31	14.6	15.0	60.1	--	63.1	77.1	70.1	--
MN Torgy	51	34	14.7	15.1	61.5	84.1	70.4	82.0	76.2	78.8
MN Washburn	53	32	14.1	14.3	61.1	75.8	77.8	80.1	79.0	77.9
MS Barracuda	46	29	15.0	15.4	60.6	83.4	65.6	73.0	69.3	74.0
MS Charger	48	31	12.5	--	60.2	--	--	89.6	--	--
MS Cobra	49	31	15.0	--	60.2	--	--	67.5	--	--
MS Ranchero	52	35	14.2	14.8	59.1	--	61.8	76.1	69.0	--
ND Frohberg	49	34	14.2	14.5	61.8	80.9	73.4	77.4	75.4	77.2
ND Heron	47	32	15.1	15.4	62.1	80.1	65.1	68.0	66.6	71.1

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			2022	2-yr ¹ Avg.		2019	2020	2022	2-yr ² Avg.	3-yr ² Avg.
		in	-----%		lbs/bu	-----bu/a-----				
ND Vitpro	48	33	14.8	15.0	62.7	72.9	76.2	71.1	73.7	73.4
SK Rush	51	37	14.9	--	60.2	--	--	75.5	--	--
SY 611 CL2	48	30	14.6	14.8	61.3	83.3	77.7	81.6	79.7	80.9
SY Longmire	50	31	15.2	15.2	60.1	78.7	78.1	70.0	74.1	75.6
SY McCloud	48	32	15.0	15.1	61.9	78.2	75.9	75.4	75.7	76.5
TCG Heartland	48	30	15.4	15.6	61.0	74.8	66.5	68.4	67.5	69.9
TCG Spitfire	52	32	13.6	13.8	60.0	78.6	79.9	82.5	81.2	80.3
TCG Wildcat	50	31	15.2	15.2	61.9	--	73.6	78.5	76.1	--
CP3915	50	32	14.5	14.7	61.4	77.5	80.0	84.4	82.2	80.6
CP3119A	55	35	12.9	--	57.6	--	--	74.6	--	--
Ambush	51	33	14.4	15.0	59.5	76.4	68.1	77.5	72.8	74.0
Ballistic	48	32	15.0	15.1	61.5	90.2	73.1	75.8	74.5	79.7
Commander	48	32	14.2	14.5	60.3	79.8	74.1	75.4	74.8	76.4
AL 822	49	30	13.8	14.1	62.2	--	71.6	81.1	76.4	--
AL 8175	50	32	14.0	--	61.7	--	--	75.3	--	--
AL 8432	47	30	14.7	15.0	59.4	--	74.0	67.2	70.6	--
Trial Mean	50.0	32.4	14.3	--	60.8	79.4	71.2	78.6	--	--
C.V. %	1.6	3.2	2.8	--	1.1	4.7	8.1	7.7	--	--
LSD 5%	1.1	1.4	0.6	--	0.9	5.2	8.1	8.4	--	--
LSD 10%	1.0	1.2	0.5	--	0.8	4.4	6.8	7.1	--	--

Planting Date: May 24

Harvest Date: September 13

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

¹ 2 year average includes 2020 data.

² 2 and 3 year average include 2019 and 2020 data.