

**NDSU Langdon Research Extension Center**  
**2024 Variety Trial**

**Hard Red Spring Wheat - 2024** **Page 1-2** **Langdon**

Variety	Days to Head	Plant Height	Protein			Grain Yield				
			2024	2-yr Avg.	Test Weight	2022	2023	2024	2-yr Avg.	3-yr Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
AAC Spike	52.0	32.3	14.2	--	61.0	--	--	75.9	--	--
AAC Starbuck VB	54.0	36.0	14.1	13.4	62.2	80.1	84.9	82.8	83.8	82.6
AAC Westking	55.3	34.3	13.8	--	61.1	--	--	81.7	--	--
Allegiant 6343	52.5	33.8	13.4	--	61.4	--	--	80.7	--	--
Allegiant 8175	55.2	34.4	13.2	12.9	62.0	75.3	78.8	79.8	79.3	78.0
Ambush	52.6	33.9	14.4	13.5	61.7	77.5	81.2	82.8	82.0	80.5
AP Elevate	54.5	32.4	13.8	--	60.3	--	--	89.0	--	--
AP Gunsmoke CL2	53.6	33.9	13.3	13.5	60.5	80.6	76.7	77.3	77.0	78.2
AP Murdock	53.9	33.0	12.9	12.9	60.1	92.6	72.9	85.5	79.2	83.7
AP Smith	56.4	31.2	14.1	13.6	60.4	79.8	75.1	86.2	80.7	80.4
Ascend-SD	56.7	41.4	13.9	13.1	61.7	89.9	81.2	80.2	80.7	83.8
Ballistic	54.6	37.0	13.0	12.8	61.0	75.8	94.6	90.2	92.4	86.9
Bolles	57.4	34.9	14.4	14.4	61.1	71.0	73.5	76.7	75.1	73.7
Brawn-SD	54.5	37.8	12.6	12.4	62.1	80.4	83.5	84.6	84.0	82.8
CAG Ceres	54.0	33.4	13.7	--	61.0	--	--	79.8	--	--
CAG Justify	56.0	37.6	12.6	12.5	59.4	92.6	80.7	83.5	82.1	85.6
CAG Reckless	54.9	37.7	13.8	13.1	61.7	82.3	84.5	84.5	84.5	83.8
CAG Recoil	61.5	35.8	13.2	--	60.8	--	--	90.4	--	--
CDC Landmark VB	54.5	37.4	14.4	13.7	61.9	--	81.3	81.4	81.3	--
Commander	53.3	35.4	13.6	13.3	60.7	75.4	75.8	81.7	78.7	77.6
CP 3055	64.1	37.2	12.1	--	59.0	--	--	91.5	--	--
CP 3099A	59.1	40.4	10.5	10.7	56.6	81.7	77.4	78.9	78.2	79.3
CP 3119A	65.0	38.1	12.2	--	57.8	--	--	85.8	--	--
CP 3188	54.2	36.0	12.1	12.0	59.3	80.5	70.7	78.5	74.6	76.6
CP 3322	62.2	34.6	11.8	12.2	59.4	--	80.2	79.0	79.6	--
CP 3360AX	52.9	34.4	12.7	--	62.2	--	--	83.3	--	--
CP 3915	54.7	33.6	13.8	13.6	61.7	84.4	75.3	81.9	78.6	80.5
Driver	57.2	36.6	13.6	13.2	61.9	81.9	84.1	82.2	83.1	82.7
Faller	56.5	37.6	12.8	12.8	61.7	85.7	80.8	89.2	85.0	85.2
Glenn	52.0	39.2	14.5	13.9	62.7	67.6	68.7	69.0	68.9	68.4
Lanning	55.2	37.1	14.3	14.1	60.6	60.5	75.2	78.5	76.8	71.4
LCS Ascent	53.4	33.8	12.9	12.7	61.8	85.0	84.0	83.7	83.9	84.2
LCS Boom	51.9	34.5	13.3	13.2	61.8	--	80.9	86.2	83.6	--
LCS Buster	60.9	38.6	11.1	11.3	60.1	86.4	80.1	93.5	86.8	86.7
LCS Cannon	52.7	32.4	13.5	13.1	61.9	75.8	87.3	80.1	83.7	81.1
LCS Dual	54.4	35.9	13.0	12.6	61.6	73.1	79.7	80.8	80.2	77.9
LCS Hammer AX	52.5	32.8	13.4	13.1	61.1	79.5	79.4	83.3	81.3	80.7
LCS Trigger	61.6	38.7	11.1	11.4	61.8	93.5	79.9	88.3	84.1	87.2
MN-Rothsay	57.8	33.4	13.3	13.5	61.1	77.1	80.0	87.6	83.8	81.6

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			2024	2-yr Avg.		2022	2023	2024	2-yr Avg.	3-yr Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
MN-Torgy	56.4	38.2	14.3	14.1	61.7	82.0	75.4	81.5	78.4	79.6
MS Charger	54.1	33.5	12.0	12.1	60.5	89.6	85.2	87.2	86.2	87.3
MS Cobra	55.3	34.9	13.8	13.4	61.2	67.5	78.4	82.9	80.6	76.3
MS Nova	53.0	34.0	14.1	--	60.3	--	--	73.3	--	--
MS Rancho	58.1	43.4	13.1	13.1	60.8	76.1	78.3	88.3	83.3	80.9
MT Carlson	53.6	35.0	13.3	--	61.0	--	--	83.5	--	--
MT Dutton	54.2	36.7	13.6	--	60.0	--	--	81.3	--	--
MT Ubet	55.8	38.8	13.7	--	60.8	--	--	80.9	--	--
ND Frohberg	54.7	38.4	13.5	13.3	61.6	77.4	75.4	75.4	75.4	76.1
ND Heron	51.9	35.6	14.1	13.4	62.4	68.0	80.9	74.1	77.5	74.3
ND Stampede	53.4	34.7	13.6	13.7	61.2	85.9	81.2	89.8	85.5	85.6
ND Thresher	54.6	33.6	14.0	13.8	60.4	76.3	73.4	75.4	74.4	75.0
ND VitPro	53.8	35.7	14.7	14.3	62.8	71.1	69.9	74.1	72.0	71.7
PFS Buns	66.9	34.1	11.7	12.3	59.4	--	79.7	94.2	87.0	--
PFS Rolls	56.9	37.1	13.1	--	61.4	--	--	90.2	--	--
Rocker	56.3	36.7	14.0	--	60.3	--	--	77.9	--	--
SD4095	53.0	38.6	14.3	--	60.6	--	--	87.1	--	--
Shelly	55.8	32.8	13.0	13.0	61.3	76.0	85.6	91.0	88.3	84.2
SY 611CI2	53.5	32.0	13.9	13.6	61.6	81.6	86.3	82.2	84.2	83.4
SY Ingmar	56.7	31.9	14.2	13.8	61.2	75.3	71.3	74.0	72.7	73.5
SY Longmire	54.2	32.6	13.8	13.5	60.8	70.0	71.7	76.4	74.0	72.7
SY Valda	54.7	34.2	13.2	12.9	60.7	86.1	79.4	86.6	83.0	84.0
TCG Badlands	55.8	35.7	13.4	--	60.5	--	--	77.9	--	--
TCG Teddy	57.3	30.2	13.8	13.7	60.3	--	75.0	81.2	78.1	--
TCG Wildcat	55.5	35.4	14.4	13.8	61.5	78.5	80.6	82.6	81.6	80.6
TCG Zelda	53.3	31.5	13.5	--	61.2	--	--	87.8	--	--
TW Olympic	54.5	37.1	13.4	--	61.7	--	--	84.2	--	--
TW Starlite	58.9	45.1	14.7	--	61.1	--	--	78.2	--	--
TW Trailfire	51.8	36.3	13.7	--	60.6	--	--	80.9	--	--
WB 9590	53.3	31.0	13.8	13.8	60.7	74.4	79.1	83.6	81.4	79.0
WB 9719	56.1	31.7	13.6	13.1	63.2	--	79.3	81.0	80.2	--
Trial Mean	55.4	35.6	13.4	--	61.0	78.6	78.7	82.8	--	--
C.V. %	1.9	3.4	2.7	--	0.7	7.7	8.2	4.3	--	--
LSD 10%	1.2	1.4	0.4	--	0.5	7.1	7.5	4.1	--	--

Planting Date: May 20 Harvest Date: September 12

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.