

NDSU Langdon Research Extension Center
2025 Variety Trial Data

Hard Red Spring Wheat - 2025

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Variety	Days to Head	Plant Height	Plant Lodging	Protein		Test Weight	Grain Yield			2-yr Avg.	3-yr Avg.
				2025	2-yr Avg.		2023	2024	2025		
		in.	1 - 9	-----%-----		lbs/bu	-----bu/a-----				
AAC Hockley	47	33.1	1	14.1	--	59.8	--	--	80.5	--	--
AAC Hodge	46	37.8	1	15.2	--	58.6	--	--	87.3	--	--
AP Dagr	48	31.0	1	13.4	--	58.0	--	--	87.4	--	--
AP Elevate	47	31.1	1	14.4	14.1	58.4	--	89.0	90.4	89.7	--
AP Gunsmoke CL2	47	32.7	1	14.7	14.0	58.1	76.7	77.3	81.7	79.5	78.6
AP Iconic	47	34.0	1	14.0	--	58.9	--	--	89.6	--	--
AP Murdock	47	32.1	1	14.0	13.4	56.2	72.9	85.5	93.6	89.6	84.0
AP Smith	49	30.6	1	14.7	14.4	58.8	75.1	86.2	83.8	85.0	81.7
Ascend-SD	49	38.0	1	15.2	14.6	55.3	81.2	80.2	96.4	88.3	85.9
Brawn-SD	47	36.5	1	13.3	12.9	61.6	83.5	84.6	89.7	87.1	85.9
CP3055	53	35.8	1	12.6	12.4	55.9	--	91.5	99.3	95.4	--
CP3678	49	35.0	1	14.5	--	58.4	--	--	88.5	--	--
Dagmar	46	33.6	1	15.2	--	59.0	--	--	86.2	--	--
Driver	49	37.0	1	14.1	13.8	60.5	84.1	82.2	90.7	86.4	85.6
Enhance-SD	46	36.9	1	15.0	--	57.8	--	--	92.4	--	--
Faller	49	35.6	1	13.7	13.3	59.6	80.8	89.2	98.2	93.7	89.4
Lang-MN	49	36.2	1	15.2	--	60.5	77.7	--	86.9	--	--
LCS Ascent	45	33.0	1	14.1	13.5	54.9	84.0	83.7	92.1	87.9	86.6
LCS Boom	44	31.5	1	14.2	13.8	59.4	80.9	86.2	85.9	86.1	84.3
LCS Buster	48	37.9	1	11.9	11.5	57.9	80.1	93.5	106.6	100.0	93.4
LCS Cannon	44	31.7	1	14.0	13.8	60.2	87.3	80.1	87.3	83.7	84.9
LCS Dual	46	35.5	1	13.8	13.4	60.7	79.7	80.8	89.8	85.3	83.4
LCS Hammer AX	47	33.8	1	15.2	14.3	54.3	79.4	83.3	79.9	81.6	80.8
LCS Rimfire	45	30.2	1	14.6	--	55.7	--	--	89.6	--	--
LCS Trigger	54	36.5	1	11.9	11.5	60.3	79.9	88.3	97.4	92.8	88.5
MN-Rothsay	49	30.1	1	14.4	13.9	57.9	80.0	87.6	89.1	88.3	85.6
MN-Torgy	48	34.4	1	14.5	14.4	58.6	75.4	81.5	94.9	88.2	83.9
MS Charger	46	32.8	2	12.6	12.3	59.3	85.2	87.2	92.5	89.8	88.3
MS Cobra	47	32.4	1	14.8	14.3	57.8	78.4	82.9	91.0	86.9	84.1
MS Nova	46	33.1	1	14.5	14.3	58.2	--	73.3	84.2	78.7	--
MT Carlson	47	32.9	1	14.1	13.7	52.3	--	83.5	74.7	79.1	--
ND Frohberg	47	36.6	1	14.5	14.0	59.2	75.4	75.4	80.9	78.2	77.2
ND Heron	45	34.1	1	15.0	14.5	59.5	80.9	74.1	85.1	79.6	80.0
ND Horizon	47	32.6	1	15.6	14.9	56.9	81.3	84.7	89.4	87.1	85.1
ND Roughrider	47	35.8	1	14.4	13.7	57.8	87.7	87.3	88.1	87.7	87.7
ND Stampede	46	33.5	1	15.2	14.4	60.5	81.2	89.8	85.6	87.7	85.5
ND Thresher	48	34.7	1	14.8	14.4	55.7	73.4	75.4	96.1	85.8	81.6

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				2025	2-yr Avg.		2023	2024	2025		
		in.	1 - 9	-----%		lbs/bu	-----bu/a-----				
PFS Muffins	47	31.8	1	14.3	--	56.3	--	--	95.8	--	--
PFS Rolls	49	35.2	1	14.6	13.8	56.4	--	90.2	85.7	87.9	--
PG Predator	47	30.8	1	14.7	--	58.2	--	--	88.3	--	--
Shelly	48	32.3	1	14.5	13.8	58.2	85.6	91.0	88.2	89.6	88.3
SY 611 CL2	46	31.1	1	14.7	14.3	58.6	86.3	82.2	87.3	84.7	85.3
SY Ingmar	46	31.9	1	14.8	14.5	59.3	71.3	74.0	84.9	79.5	76.8
SY Valda	47	32.5	1	14.2	13.7	60.5	79.4	86.6	89.0	87.8	85.0
TCG Arsenal	49	33.3	1	14.0	--	57.0	--	--	92.3	--	--
TCG Badlands	47	32.9	1	14.3	13.9	55.3	--	77.9	82.5	80.2	--
TCG Wildcat	48	34.9	1	15.1	14.8	59.0	80.6	82.6	85.5	84.0	82.9
TCG Zelda	46	29.5	1	14.2	13.9	57.5	--	87.8	90.3	89.1	--
TW Olympic	48	36.3	1	14.2	13.8	60.3	--	84.2	96.3	90.2	--
TW Trailfire	47	35.5	2	14.8	14.2	56.9	--	80.9	81.9	81.4	--
WB 9590	46	29.5	1	14.7	14.3	56.8	79.1	83.6	84.7	84.2	82.5
Trial Mean	47.2	33.6	1.0	14.3		58.0	78.7	82.8	89.0		
LSD 10%	0.9	1.4	0.2	0.4		0.5	8.2	4.3	4.2		
C.V.	1.6	3.4		2.2		0.8	7.5	4.1	4.0		

Planting Date: May 23

Harvest Date: September 23

Previous Crop: Soybean

Soil Type: Svea-Barnes loam