

2025 Hard Red Spring Wheat Variety Trial at Mohall

Variety	Plant	Test			Yield				
	Height inches	Lodging 1 to 9**	Weight lbs/bu	Protein %	2023	2024	2025	2-yr avg	3-yr avg
AP Murdock	28	1	56.2	15.4	34.9	50.0	37.9	44.0	40.9
AP Smith	30	1	57.2	15.3	--	48.1	45.8	47.0	--
Ascend-SD	33	1	56.8	14.6	--	--	48.8	--	--
CP3119A	32	1	52.6	12.9	38.2	53.8	45.1	49.5	45.7
Dagmar	32	1	55.3	16.1	--	--	37.4	--	--
Faller	33	1	57.4	14.1	--	48.3	51.3	49.8	
LCS Trigger	32	1	58.2	12.5	43.2	54.8	51.9	53.4	50.0
MN-Torgy	32	1	58.3	15.0	32.4	52.9	49.6	51.2	45.0
ND Frohberg	30	1	56.2	14.8	42.1	48.1	41.9	45.0	44.0
ND Heron	30	1	58.9	15.5	39.9	48.6	50.0	49.3	46.2
ND Horizon	29	1	55.6	15.7	--	40.7	43.7	42.2	--
ND Roughrider	31	1	53.6	15.1	--	48.9	50.7	49.8	--
ND Stampede	31	1	55.4	15.5	47.1	52.9	50.4	51.7	50.1
ND Thresher	29	1	55.9	15.3	33.2	41.3	36.1	38.7	36.9
ND Vitpro	30	1	58.3	15.3	37.3	44.4	37.6	41.0	39.8
SY Ingmar	30	1	57.4	15.7	39.9	49.0	40.9	45.0	43.3
SY Valda	28	1	58.3	14.9	42.1	52.3	50.0	51.2	48.1
TCG-Zelda	28	1	55.0	15.9	--	--	47.5	--	--
WB9590	26	1	55.4	15.3	39.2	56.5	36.6	46.6	44.1
WB9719	29	1	55.9	14.3	40.0	50.7	39.8	45.3	43.5
Trial mean	30	1	56.4	15.0	39.2	48.9	44.7	--	--
C.V.%	10.4	--	0.9	1.4	8.7	6.3	10.7	--	--
LSD 5%	5	NS	0.9	0.4	5.6	5.1	7.8	--	--
LSD 10%	4	NS	0.7	0.3	47.0	4.2	6.6	--	--

*DAP = Days after planting.

**Lodging: 1 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting date: May 29, 2025

Harvest date: September 22, 2025

Seeding rate: 1.5 million live seeds/acre

Previous crop: wheat

Tillage system: no-till

Soil type: Barnes loam