

2025 Hard Red Spring Wheat Variety Trial at Rugby

Variety	Plant Height inches	Lodging 1 to 9*	Test		Yield				
			Weight lbs/bu	Protein %	2022	2024	2025	2-yr avg	3-yr avg
AP Murdock	28	1	60.1	15.9	55.6	48.6	47.3	47.9	50.5
AP Smith	28	1	59.8	15.6	--	48.1	47.9	48.0	--
Ascend-SD	27	1	61.4	16.0	--	--	52.2	--	--
CP3119A	29	1	54.4	14.5	--	54.9	50.6	52.8	--
Dagmar	30	1	59.8	16.7	--	--	46.0	--	--
Faller	30	1	60.7	15.3	--	45.8	49.2	47.5	--
LCS Trigger	26	1	60.4	14.2	71.5	55.7	56.6	56.2	61.3
MN-Torgy	26	1	60.7	16.2	49.9	52.3	54.5	53.4	52.2
ND Frohberg	27	1	59.8	15.9	60.6	46.6	45.8	46.2	51.0
ND Heron	25	1	59.8	16.0	45.2	42.6	50.7	46.7	46.2
ND Horizon	29	1	59.1	16.1	--	45.5	43.7	44.6	--
ND Roughrider	28	1	59.4	15.3	--	55.2	58.5	56.9	--
ND Stampede	30	1	59.0	16.5	--	51.8	63.1	57.5	--
ND Thresher	29	1	58.6	16.9	53.8	43.7	39.7	41.7	45.7
ND Vitpro	29	1	61.0	16.3	49.7	46.3	42.1	44.2	46.0
SY Ingmar	24	1	60.8	16.0	57.0	46.2	46.4	46.3	49.9
SY Valda	25	1	60.6	15.2	55.1	46.7	51.8	49.3	51.2
TCG-Zelda	31	1	60.6	15.7	--	--	51.9	--	--
WB9590	25	1	60.4	16.3	55.2	43.8	53.4	48.6	50.8
WB9719	30	1	60.1	15.4	--	48.9	46.2	47.6	--
Trial mean	28	1	59.8	15.8	59.6	48.1	49.9	--	--
C.V.%	8.6	--	1.3	2.9	5.7	6.1	5.4	--	--
LSD 5%	4	NS	1.3	0.8	5.6	4.8	4.4	--	--
LSD 10%	3	NS	1.1	0.6	4.7	4.0	3.7	--	--

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

NS = no statistical difference between varieties.

Planting date: May 27, 2025

Harvest date: September 2, 2025

Seeding rate: 1.5 million live seeds/acre

Previous crop: soybeans

Tillage system: no-till

Soil type: Gardena silt loam

Note: The 2023 trials sustained drought. Data not shown.