

2024 Hard Red Spring Wheat Variety Trial at Rugby

Variety	Plant		Test		Yield				
	Height inches	Lodging 1-9*	Weight lbs/bu	Protein %	2020	2022	2024	2-yr avg	3-yr avg
					-----bu/a-----				
AAC Starbuck VB	32	1	59.5	14.4	--	--	40.1	--	--
AP Murdock	30	1	59.6	13.1	--	55.6	48.6	52.1	--
AP Smith	29	1	58.5	13.8	--	--	48.1	--	--
Bolles	31	1	59	15.2	--	--	49.4	--	--
CDC Landmark VB	34	1	60.2	14.5	--	--	43.2	--	--
CP3119A	35	1	54.8	13	--	--	54.9	--	--
Faller	35	1	59.4	12.8	--	--	45.8	--	--
Glenn	35	1	60.7	14.5	--	--	44.9	--	--
Lanning	31	1	57.4	15.1	--	--	53.6	--	--
LCS Cannon	29	1	59.3	14.6	--	--	44.8	--	--
LCS Trigger	35	1	59.1	11.6	--	71.5	55.7	63.6	--
MN Rothsay	28	1	58.9	13.4	--	67.1	50.3	58.7	--
MN Torgy	31	1	60.8	13.1	53.0	49.9	52.3	51.1	51.7
ND Frohberg	34	1	59.9	13.8	46.8	60.6	46.6	53.6	51.3
ND Heron	31	1	59.8	14.1	--	45.2	42.6	43.9	--
ND Stampede	31	1	57.7	13.6	--	--	51.8	--	--
ND Thresher	32	1	57.7	13.5	--	--	43.7	--	--
ND VitPro	32	1	59.7	14.4	46	49.7	46.3	48.0	47.3
Shelly	32	1	59.4	13.3	--	--	50.1	--	--
SY Ingmar	29	1	57.8	14.3	50.2	57.0	46.2	51.6	51.1
SY Valda	31	1	59	13.5	53.6	55.1	46.7	50.9	51.8
WB9590	27	1	57.1	13.7	--	55.2	43.8	49.5	--
WB9719	29	1	59.1	13.3	--	--	48.9	--	--
Trial mean	32	1	58.9	13.7	48.1	59.6	48.1	--	--
C.V.%	7.3	--	1.1	5.3	6.7	5.7	6.1	--	--
LSD 0.05	4	NS	1.0	1.2	4.5	5.6	4.8	--	--
LSD 0.10	3	NS	0.8	1.0	3.8	4.7	4.0	--	--

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

NS = no statistical difference between varieties.

Planting date: May 15, 2024

Harvest date: September 5, 2024

Seeding rate: 1.5 million live seeds/acre

Previous crop: barley

Tillage system: minimum

Soil type: Gardena silt loam

Note: 2023 trial sustained drought. Data not shown.