

2024 Hard Red Spring Wheat Variety Trial at Garrison

Variety	Plant		Test		-----Yield-----				
	Height inches	Lodging 1-9*	Weight lbs/bu	Protein %	2022	2023	2024	2-yr avg	3-yr avg
					-----bu/a-----				
AAC Starbuck VB	32	1	60.9	14.2	--	53.9	53.5	53.7	--
AP Murdock	27	1	59.3	13.7	68.1	52.4	46.6	49.5	55.7
AP Smith	26	1	59.8	13.8	--	--	44.6	--	--
Bolles	32	1	59.8	15.2	--	--	50.3	--	--
CDC Landmark VB	32	1	61.1	14.0	--	51.6	53.0	52.3	--
CP3119A	34	1	57.1	12.8	--	67.4	59.8	63.6	--
Faller	34	1	59.0	13.6	--	--	47.7	--	--
Glenn	32	1	62.1	14.3	--	--	52.3	--	--
Lanning	31	1	59.0	13.5	64.8	54.7	55.2	55.0	58.2
LCS Cannon	28	1	61.5	13.8	--	--	57.0	--	--
LCS Trigger	33	1	60.9	12.2	76.2	53.6	54.5	54.1	61.4
MN Rothsay	27	1	61.5	13.1	67.0	56.4	50.4	53.4	57.9
MN Torgy	32	1	62.5	14.1	72.4	52.2	53.3	52.8	59.3
ND Frohberg	32	1	60.4	13.8	69.0	50.5	51.6	51.1	57.0
ND Heron	32	1	61.0	14.2	61.5	53.5	56.7	55.1	57.2
ND Stampede	31	1	59.0	13.7	--	55.7	52.9	54.3	--
ND Thresher	29	1	57.9	14.3	--	45.3	47.5	46.4	--
ND VitPro	32	1	60.3	14.5	64.6	51.0	52.3	51.7	56.0
Shelly	30	1	61.6	13.2	--	--	58.0	--	--
SY Ingmar	28	1	59.4	14.6	67.8	46.4	42.1	44.3	52.1
SY Valda	27	1	60.1	13.6	72.8	55.5	49.8	52.7	59.4
WB9590	25	1	59.1	14.4	65.8	54.9	51.2	53.1	57.3
WB9719	28	1.0	61.0	13.7	--	56.4	46.9	51.7	--
Trial mean	30	1	60.0	13.9	68.3	53.7	51.4	--	--
C.V.%	4.5	--	1.2	2.9	6.8	6.4	6.1	--	--
LSD 0.05	2	NS	1.2	0.7	7.6	5.7	5.1	--	--
LSD 0.10	2	NS	1	0.6	6.3	4.8	4.3	--	--

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

NS = no statistical difference between varieties.

Planting date: May 20, 2024

Harvest date: September 3, 2024

Seeding rate: 1.5 million live seeds/acre

Previous crop: canola

Tillage system: no-till

Soil type: Williams Bowbells loam