

NDSU Langdon Research Extension Center
2022 Variety Trial Data

Hard Red Spring Wheat - 2022

Walsh County - Park River

Variety	Days to Head	Plant Height	Lodging	Protein		Test Weight	Grain Yield				
				2022	2-yr Avg.		2020	2021	2022	2-yr Avg.	3-yr Avg.
Ambush	44	33	2.4	13.9	14.7	60.6	70.4	51.0	72.2	61.6	64.5
AP Gunsmoke CL2	43	32	2.5	13.9	14.8	59.8	--	53.9	67.3	60.6	--
AP Murdock	43	31	1.9	13.1	14.0	60.0	75.9	48.3	72.0	60.2	65.4
AP Smith	44	29	0.4	14.5	15.2	60.5	67.3	54.3	69.1	61.7	63.6
Ballistic	43	31	2.0	14.1	14.9	61.1	73.8	59.8	60.7	60.2	64.8
Commander	41	32	1.0	14.2	14.9	60.7	74.1	51.3	61.1	56.2	62.2
CP3099A	48	36	0.9	12.8	--	60.5	--	--	75.8	--	--
CP3119A	50	35	0.8	12.5	13.0	58.2	--	67.2	61.8	64.5	--
CP3188	43	32	2.8	12.7	13.2	59.0	--	55.5	60.5	58.0	--
CP3530	46	35	2.5	14.5	14.7	60.6	--	58.6	68.2	63.4	--
Faller	45	34	2.6	13.6	14.4	60.6	80.1	59.8	64.8	62.3	68.2
LCS Ascent	41	32	4.4	12.9	--	60.1	--	--	67.6	--	--
LCS Cannon	41	31	0.0	13.7	14.7	61.1	72.5	47.9	66.9	57.4	62.4
LCS Dual	42	33	0.1	13.5	--	61.2	--	--	58.4	--	--
LCS Trigger	49	34	1.8	11.9	12.4	61.7	79.8	68.1	73.2	70.7	73.7
MN-Rothsay	47	30	1.9	13.6	--	59.7	--	--	66.6	--	--
MN-Torgy	47	33	1.0	14.6	15.2	61.3	76.5	54.4	66.2	60.3	65.7
MN-Washburn	45	31	0.0	14.2	14.9	60.3	65.4	51.5	63.0	57.2	60.0
MS Charger	41	32	2.5	12.8	--	60.1	--	--	70.6	--	--
MS Cobra	42	31	2.2	13.9	15.1	60.2	--	50.9	62.2	56.6	--
ND Frohberg	44	34	0.9	13.6	14.9	60.9	70.0	52.6	59.8	56.2	60.8
ND Heron	41	33	4.4	14.9	15.6	61.1	--	48.6	56.7	52.6	--
SY 611CL2	43	32	1.3	14.5	15.2	61.0	70.8	50.4	63.6	57.0	61.6
SY Ingmar	43	30	1.5	14.9	15.3	61.0	66.8	49.8	66.7	58.2	61.1
SY Valda	44	31	2.0	13.7	14.4	60.9	73.0	57.3	67.9	62.6	66.1
TCG-Heartland	42	29	0.8	15.1	15.5	61.4	62.6	46.2	56.0	51.1	54.9
TCG-Spitfire	47	35	1.5	14.0	14.6	60.5	74.0	53.8	67.6	60.7	65.1
TCG-Wildcat	44	32	0.9	14.4	15.0	60.9	69.2	54.9	68.2	61.5	64.1
Trial Mean	44	32	1.7	13.8	--	60.4	70.8	53.8	65.0	--	--
C.V. %	1.0	3.6	64.7	2.2	--	0.5	6.9	4.0	6.1	--	--
LSD 5%	0.4	1.0	0.9	0.3	--	0.3	6.9	1.8	3.6	--	--
LSD 10%	0.3	0.9	0.8	0.2	--	0.2	5.7	1.5	3.0	--	--

Planting Date: May 25

Harvest Date: September 12

Previous Crop: Fallow

Soil Type: Overly silty clay