

NDSU Langdon Research Extension Center
2023 Variety Trial Data

Hard Red Spring Wheat - 2023	Walsh County - Park River
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Variety	Days to Head	Plant Height	Protein			Grain Yield				
			2023	2-yr Avg.	Test Weight	2021	2022	2023	2-yr Avg.	3-yr Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
SY Valda	45	30	14.4	14.1	62.0	57.3	67.9	88.3	78.1	71.2
SY Ingmar	46	28	15.5	15.2	62.3	49.8	66.7	76.3	71.5	64.3
AP Murdock	46	31	14.1	13.6	62.4	48.3	72.0	79.7	75.9	66.7
WB9590	46	28	14.8	--	62.2	--	--	92.7	--	--
WB9719	48	29	14.2	--	63.1	--	--	83.9	--	--
AP Smith	46	30	14.4	14.5	61.5	54.3	69.1	84.1	76.6	69.2
CP3530	47	35	15.0	14.7	62.3	58.6	68.2	88.4	78.3	78.3
CP3915	46	32	14.7	--	62.7	--	--	85.9	--	--
Ascend-SD	46	35	15.3	--	62.6	--	--	85.5	--	--
LCS Ascent	41	29	13.4	13.2	63.0	--	67.6	75.5	71.5	--
LCS Boom	37	27	14.8	--	63.4	--	--	76.2	--	--
LCS Buster	50	34	12.0	--	60.5	--	--	97.5	--	--
LCS Cannon	37	29	14.4	14.0	63.0	47.9	66.9	77.7	72.3	64.2
LCS Dual	43	31	13.8	13.6	62.7	--	58.4	83.2	70.8	--
LCS Hammer AX	44	28	14.6	--	61.5	--	--	74.1	--	--
LCS Trigger	50	36	11.6	11.7	61.0	68.1	73.2	96.6	84.9	79.3
MN Rothsay	48	29	14.3	14.0	61.8	--	66.6	81.5	74.1	--
MN Torgy	46	33	15.5	15.0	62.6	54.0	66.2	80.5	73.3	66.9
MS Charger	40	30	13.1	13.0	61.3	--	70.6	91.2	80.9	--
MS Cobra	44	29	15.2	14.5	62.2	50.9	62.2	77.1	69.6	63.4
ND Heron	41	30	15.2	15.1	63.1	48.6	56.7	76.6	66.7	60.6
ND Thresher	50	32	14.8	14.5	61.6	50.1	61.5	81.9	71.7	64.5
SY 611CL2	44	29	15.3	14.9	63.1	50.4	63.6	78.0	70.8	64.0
TCG-Heartland	45	30	15.6	15.3	63.0	46.2	56.0	80.8	68.4	61.0
TCG-Spitfire	50	32	14.1	14.0	59.9	53.8	67.6	86.1	76.9	69.2
TCG-Teddy	47	29	14.8	--	61.5	--	--	83.1	--	--
TCG-Wildcat	44	30	15.1	14.8	62.2	54.9	68.2	81.4	74.8	68.2
Ambush	45	32	14.9	14.4	63.1	51.0	72.2	91.3	81.7	71.5
Ballistic	48	33	14.2	14.1	61.8	59.8	60.7	102.5	81.6	74.3
Commander	41	31	14.5	14.4	62.3	51.3	61.1	87.1	74.1	66.5
Trial Mean	45	31	14.5	--	62.1	53.8	65.0	84.8	--	--
C.V. %	2.7	4.0	2.0	--	0.7	4.0	6.1	4.7	--	--
LSD 5%	1.8	1.7	0.4	--	0.6	1.8	3.6	5.6	--	--
LSD 10%	1.5	1.4	0.3	--	0.5	1.5	3.0	4.7	--	--

Planting Date: May 24
Harvest Date: August 31
Previous Crop: Fallow
Soil Type: Overly silty clay