

NDSU Langdon Research Extension Center
2023 Variety Trial Data

Hard Red Spring Wheat - 2023 **Towner County - Cando**

Variety	Days to Head	Plant Height	Protein		Test Weight	Grain Yield				
			2023	2-yr Avg.		2021	2022	2023	2-yr Avg.	3-yr Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
Ambush	42	29	14.2	14.9	61.7	74.1	71.8	81.7	76.7	75.9
AP Murdock	43	25	14.1	14.6	59.4	68.4	65.8	74.2	70.0	69.5
AP Smith	44	26	14.3	14.9	60.7	71.8	61.9	81.3	71.6	71.7
CP3530	44	28	14.1	15.4	59.6	78.4	61.7	76.9	69.3	72.3
CP3915	44	26	13.9	--	60.6	--	--	77.6	--	--
Ascend-SD	44	29	13.9	--	60.7	--	--	83.3	--	--
Ballistic	45	30	13.3	14.9	59.6	79.8	66.9	91.6	79.2	79.4
Commander	41	28	14.2	15.0	61.2	64.6	63.9	73.4	68.7	67.3
LCS Ascent	40	26	13.5	13.9	61.5	--	62.8	86.8	74.8	--
LCS Boom	41	25	14.9	--	61.6	--	--	71.8	--	--
LCS Buster	49	29	11.8	--	57.7	--	--	88.5	--	--
LCS Cannon	41	26	14.5	14.9	61.6	66.8	57.7	74.3	66.0	66.3
LCS Dual	41	26	13.7	14.5	60.8	--	66.0	75.6	70.8	--
LCS Hammer AX	43	25	13.8	--	60.1	--	--	78.1	--	--
LCS Trigger	50	28	12.1	12.7	58.7	69.1	74.5	80.6	77.5	78.1
MN-Rothsay	46	25	14.0	15.1	60.2	--	68.5	87.5	78.0	--
MN-Torgy	48	30	14.5	15.4	60.9	72.2	63.8	85.3	74.6	73.8
MS Charger	41	26	12.8	13.3	60.4	--	73.6	84.3	79.0	--
MS Cobra	43	27	14.7	15.2	61.1	70.2	63.0	73.3	68.2	68.8
ND Heron	41	27	15.0	15.9	61.6	70.0	59.7	75.5	67.6	68.4
ND Thresher	47	27	14.1	15.1	59.8	67.4	50.3	79.7	65.0	65.8
SY Ingmar	43	26	15.0	15.7	61.5	65.7	63.1	72.8	67.9	67.2
SY Valda	43	27	14.2	14.7	61.2	71.8	71.2	78.7	75.0	73.9
SY 611 CL2	43	26	14.8	15.1	61.9	65.2	69.9	77.4	73.6	70.8
TCG-Heartland	42	27	15.3	15.8	61.8	73.1	61.4	74.7	68.0	69.7
TCG-Spitfire	45	28	13.7	14.5	59.6	67.2	71.8	83.0	77.4	74.0
TCG-Teddy	43	23	14.3	--	60.2	--	--	78.9	--	--
TCG-Wildcat	43	27	15.3	15.9	61.5	74.4	68.9	69.2	69.1	70.8
WB9590	43	25	14.9	--	60.8	--	--	78.8	--	--
WB9719	44	27	14.0	--	63.0	--	--	81.6	--	--
Trial Mean	43	27	14.1	--	60.6	70.2	67.2	79.6	--	--
C.V. %	1.7	5.5	1.9	--	0.7	7.0	7.6	6.3	--	--
LSD 5%	1.1	2.1	0.4	--	0.6	4.2	7.3	7.1	--	--
LSD 10%	0.9	1.7	0.3	--	0.5	3.6	6.0	5.9	--	--

Planting Date: May 12

Harvest Date: August 30

Previous Crop: Soybean

Soil Type: Great Bend-Overly silty loam