

**NDSU Carrington Research Extension Center  
2024 Variety Trial Data**

**Hard Red Spring Wheat - Irrigated** **Carrington (Page 1 of 2)**

Variety	Days to Heading days	Plant Height inch	----- Protein -----			Test Weight lb/bu	----- Yield -----		
			2024*	3-yr. Avg.	KWT		2024*	2-yr. Avg.	3-yr. Avg.
			----- % -----		g/1000		----- bu/a -----		
WB9590	53	30	13.7	13.1	29.6	59.3	67.2	67.7	66.3
AP Murdock	54	33	13.6	12.9	30.7	60.7	74.8	74.4	72.6
SY Valda	56	35	13.0	12.6	31.5	62.2	78.8	78.2	74.3
SY Ingmar	55	33	14.3	14.0	25.9	62.9	69.9	64.3	62.4
MN Torgy	55	35	13.9	13.1	32.4	63.2	75.7	70.4	71.0
Shelly	56	32	13.5	12.9	30.6	61.8	70.8	64.6	65.4
WB 9719	56	32	13.8	--	29.7	62.6	67.2	69.4	--
Faller	55	35	13.0	12.2	33.5	61.9	75.9	76.5	74.3
Ambush	52	33	14.2	--	30.4	62.5	71.1	--	--
AP Elevate	54	31	13.9	--	29.9	61.6	74.8	--	--
AP Gunsmoke CL2	54	34	13.8	12.8	32.8	61.2	71.9	66.9	67.3
AP Smith	56	33	13.7	13.6	28.0	62.2	73.0	72.6	70.9
Ascend-SD	56	39	12.9	12.7	28.6	63.0	74.5	81.6	79.1
Ballistic	55	35	12.5	--	28.6	60.7	75.8	--	--
Bolles	56	33	14.8	14.3	29.7	61.8	68.1	65.1	63.9
Boost	56	34	14.0	--	32.2	62.4	72.8	70.9	--
Brawn-SD	54	36	13.0	12.3	31.3	63.3	74.5	74.8	72.2
CAG Ceres	53	33	13.9	--	32.3	60.0	68.6	--	--
CAG Justify	56	35	12.8	12.0	30.8	59.6	75.9	74.4	74.7
CAG Reckless	54	36	13.6	13.0	30.4	61.4	75.7	74.4	71.8
CAG Recoil	59	34	13.6	--	33.8	62.0	78.0	--	--
Commander	52	34	14.2	--	29.8	60.5	76.2	--	--
CP3201AX	52	33	13.1	--	26.4	59.8	67.7	--	--
CP3055	58	35	12.5	--	30.4	59.1	72.6	--	--
CP3099A	58	36	11.2	10.9	33.4	59.5	72.8	75.7	76.5
CP3119A	59	35	12.4	--	38.5	57.3	73.4	--	--
CP3188	55	36	12.7	11.8	30.2	59.1	75.9	74.8	72.7
CP3322	58	35	13.0	--	26.0	60.3	63.4	67.0	--
CP3915	55	33	14.0	--	25.5	61.8	66.8	--	--
Driver	55	36	13.5	12.7	29.7	62.6	73.1	68.5	67.9
Glenn	52	40	14.4	13.9	29.2	63.3	62.3	62.3	60.8
Lanning	56	34	14.3	13.5	31.5	59.9	62.5	62.4	59.1
Trial Mean	54	34	13.6	--	30.0	60.9	71.2	--	--
C.V.	2	5	2.0	--	5.2	0.7	3.0	--	--
LSD (0.10)	1	2	0.2	--	1.8	0.5	1.8	--	--

**Plant Date = May 10; Harvest Date = August 21; Previous Crop = Flax**

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

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2024 Variety Trial Data**

**Hard Red Spring Wheat - Irrigated** **Carrington (Page 2 of 2)**

Variety	Days to Heading days	Plant Height inch	----- Protein -----			Test Weight lb/bu	----- Yield -----		
			2024*	3-yr. Avg.	KWT		2024*	2-yr. Avg.	3-yr. Avg.
			----- % -----	-----	g/1000		----- bu/a -----	-----	-----
LCS Ascent	51	34	12.7	12.5	26.0	60.1	72.4	70.2	71.4
LCS Boom	51	33	14.2	--	28.6	60.9	71.0	69.5	--
LCS Buster	58	39	12.2	11.7	34.7	61.4	80.5	75.9	74.4
LCS Cannon	51	32	14.3	13.3	28.5	60.5	68.6	68.1	68.2
LCS Dual	53	34	13.1	12.3	29.2	61.2	70.3	66.7	66.2
LCS Hammer AX	53	32	13.3	12.7	28.4	57.6	66.7	63.3	62.6
LCS Trigger	58	36	12.4	11.4	32.8	62.7	75.9	70.7	74.5
MN Rothsay	57	34	13.8	13.2	30.0	63.2	70.2	70.0	67.4
MS Charger	53	33	12.6	12.0	30.1	60.5	73.1	73.7	76.6
MS Cobra	53	32	14.1	13.2	27.8	60.1	66.7	63.4	62.4
MS Nova	52	34	14.1	--	26.9	60.0	60.9	--	--
MS Ranchero	59	39	13.3	12.0	31.9	60.9	68.3	67.6	71.1
MT Carlson	53	32	13.4	--	29.9	57.7	67.0	--	--
MT Dutton	53	35	13.9	--	27.3	58.0	66.6	--	--
MT Ubet	55	36	14.2	--	30.8	59.5	67.8	--	--
ND Frohberg	54	37	14.2	13.3	30.1	61.5	67.7	65.8	65.7
ND Heron	51	34	14.4	13.8	30.7	60.4	64.7	64.1	61.1
ND Stampede	53	36	13.2	12.4	29.5	59.4	76.5	76.9	74.0
ND Thresher	55	32	13.4	12.8	28.4	60.5	71.1	72.6	67.5
ND Vitpro	53	35	14.7	13.9	29.3	62.3	66.0	66.3	63.7
PFS Buns	60	33	12.6	11.9	30.3	59.6	71.3	68.7	68.8
PFS Rolls	57	34	13.6	--	31.7	60.7	73.5	--	--
Rocker	56	35	14.0	--	26.5	60.4	67.2	--	--
SY611 CL2	53	32	13.6	13.0	29.5	61.7	76.2	73.5	71.6
SY Longmire	54	33	13.8	13.5	28.1	61.5	64.9	65.6	66.5
TCG Badlands	55	33	13.6	--	29.0	60.8	71.4	--	--
TCG Teddy	54	31	14.2	--	30.9	60.4	71.0	68.0	--
TCG Wildcat	55	35	13.9	13.2	32.6	61.8	78.2	75.5	71.3
TCG Zelda	54	33	13.8	--	30.5	60.8	74.0	--	--
PG Predator	54	32	13.7	--	29.2	61.4	75.2	--	--
CDC Landmark VB	54	36	14.6	--	30.6	61.2	68.3	67.7	--
AAC Starbuck VB	53	34	15.4	14.3	29.8	60.8	61.8	65.3	65.3
<b>Trial Mean</b>	54	34	13.6	--	30.0	60.9	71.2	--	--
<b>C.V.</b>	2	5	2.0	--	5.2	0.7	3.0	--	--
<b>LSD (0.10)</b>	1	2	0.2	--	1.8	0.5	1.8	--	--

**Plant Date = May 10; Harvest Date = August 21; Previous Crop = Flax**

\* Best Linear Unbiased Estimate

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.