

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2024

Hettinger, ND

Variety	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Weight	Protein	2022	2023	2024	2 yr	3 yr
	DAP ¹	inches	1-9 ²	lbs/bu	%	----- Bushels per acre -----				
Ambush	61	32	1	58.4	11.4	--	--	56.9	--	--
AP Elevate	64	29	1	58.3	12.1	--	--	60.4	--	--
AP Gunsmoke CL2	63	30	1	57.5	11.4	78.8	84.9	61.3	73.1	75.0
AP Murdock	63	30	1	55.5	11.5	73.6	75.2	56.7	65.9	68.5
AP Smith	64	29	1	59.0	12.0	76.5	80.8	54.6	67.7	70.6
Asend-SD	65	34	1	59.6	11.6	74.4	83.4	60.2	71.8	72.6
Ballistic	63	32	1	56.3	11.8	--	--	59.2	--	--
Bolles	64	32	1	57.8	12.6	70.3	75.8	60.8	68.3	69.0
Boost	66	33	1	57.5	11.6	69.9	72.0	59.3	65.6	67.1
Brawn-SD	63	33	1	60.1	11.8	84.1	89.1	64.0	76.5	79.0
CAG Ceres	62	31	1	57.6	12.5	--	--	55.4	--	--
CAG Justify	65	33	1	55.6	12.0	82.4	93.6	65.0	79.3	80.3
CAG Reckless	64	34	1	59.0	11.9	75.2	83.8	60.6	72.2	73.2
CAG Recoil	65	28	1	57.3	12.2	--	--	57.5	--	--
CDC Landmark VB	63	33	1	57.9	12.5	--	81.8	51.3	66.5	--
Commander	61	29	1	58.6	11.8	--	--	61.1	--	--
CP3055	71	33	1	56.3	12.3	--	88.0	57.8	72.9	--
CP3099A	70	36	1	55.4	11.0	76.8	91.7	60.0	75.8	76.2
CP3119A	71	34	1	53.8	11.8	74.0	87.1	60.2	73.6	73.7
CP3188	65	31	1	55.3	11.5	77.2	80.8	51.7	66.2	69.9
CP3322	69	32	1	58.2	11.5	--	84.0	54.9	69.5	--
CP3360AX	62	32	1	58.0	11.2	--	--	57.1	--	--
CP3915	64	29	1	58.4	11.7	--	--	54.4	--	--
Driver	66	32	1	59.4	12.0	76.9	86.8	61.8	74.3	75.2
Elgin-ND	63	37	1	57.4	12.4	--	78.9	60.4	69.7	--
Faller	64	34	1	57.6	12.2	--	--	54.5	--	--
Glenn	61	35	1	59.5	12.0	71.2	73.3	51.5	62.4	65.3
Lanning	63	31	1	57.8	12.1	77.3	78.5	59.3	68.9	71.7
LCS Ascent	61	30	1	58.2	11.8	80.9	80.0	58.0	69.0	73.0
LCS Boom	61	30	1	59.0	12.2	--	76.2	59.3	67.8	--
LCS Buster	66	32	1	57.0	11.6	81.3	90.6	58.8	74.7	76.9
LCS Cannon	61	31	1	58.3	12.6	79.6	76.3	56.9	66.6	70.9
LCS Dual	63	31	1	57.7	11.9	80.2	85.2	55.4	70.3	73.6
LCS Hammer AX	64	30	1	57.7	11.8	77.6	73.3	61.4	67.3	70.8
LCS Trigger	68	31	1	57.8	11.4	77.1	93.2	57.1	75.2	75.8
MN Rothsay	65	28	1	58.0	11.9	74.2	85.1	55.5	70.3	71.6
MN Torgy	63	30	1	58.7	12.0	77.1	85.4	60.1	72.7	74.2
MS Charger	62	30	1	57.6	11.1	86.5	88.9	59.3	74.1	78.2
MS Cobra	63	31	1	58.9	12.2	77.7	76.7	60.1	68.4	71.5
MS Nova	61	29	1	58.8	11.9	--	--	60.8	--	--

Table continued on next page

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2024	Hettinger, ND
-------------------------------------	----------------------

	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
Variety	Head	Height	Lodge	Weight	Protein	2022	2023	2024	2 yr	3 yr
	DAP ¹	inches	1-9 ²	lbs/bu	%	----- Bushels per acre -----				
<i>Table continues from previous page</i>										
MS Ranchero	63	32	1	57.0	11.9	78.2	91.4	55.5	73.5	75.0
MT Carlson	64	31	1	57.2	11.6	--	--	58.7	--	--
MT Dutton	64	31	1	56.7	11.7	--	--	57.5	--	--
MT Ubet	64	30	1	57.2	11.1	--	--	60.8	--	--
ND Frohberg	64	34	1	58.0	11.8	73.7	78.4	56.4	67.4	69.5
ND Heron	61	31	1	59.5	12.0	74.3	75.7	54.4	65.0	68.1
ND Stampede	62	31	1	55.8	11.5	84.2	90.0	53.6	71.8	75.9
ND Thresher	65	30	1	56.2	12.3	73.5	82.0	58.1	70.0	71.2
ND VitPro	63	31	1	58.6	12.3	71.6	74.3	53.7	64.0	66.5
PFS Buns	71	30	1	55.7	11.7	--	91.9	52.5	72.2	--
PFS Rolls	65	31	1	58.1	11.4	--	--	55.7	--	--
PG Predator	64	30	1	58.5	12.0	--	--	57.3	--	--
Rocker	65	32	1	57.8	11.7	--	--	60.3	--	--
Shelly	66	30	1	58.1	12.2	78.9	86.4	58.4	72.4	74.6
SY 611 CL2	63	29	1	59.3	11.4	81.4	82.9	56.6	69.7	73.6
SY Ingmar	65	30	1	58.8	11.6	65.1	70.8	53.9	62.4	63.3
SY Longmire	64	30	1	59.4	10.7	70.7	76.6	59.5	68.0	68.9
SY Valda	63	30	1	58.4	11.5	74.8	86.7	56.1	71.4	72.5
TCG Badlands	63	32	1	58.4	12.4	--	--	62.2	--	--
TCG Teddy	63	28	1	58.8	12.4	--	78.5	62.0	70.2	--
TCG Wildcat	64	31	1	58.2	12.2	75.5	78.6	57.4	68.0	70.5
TCG Zelda	62	27	1	57.3	11.9	--	--	55.3	--	--
WB9590	62	27	1	57.9	11.3	77.6	79.1	56.8	67.9	71.2
WB9719	64	29	1	58.4	11.7	--	81.6	57.2	69.4	--
Trial Mean	63.8	31.1	1.0	57.8	11.8	76.6	81.5	57.7	70.0	72.4
C.V. %	1.4	4.3	--	1.3	8.3	3.1	5.5	5.3	--	--
LSD 5%	1.1	1.6	--	0.9	1.2	2.8	5.2	3.6	--	--
LSD 10%	0.8	1.2	--	0.7	0.9	2.2	4.1	2.5	--	--

¹ Days to Head = the number of days from planting to head emergence from the boot.

² 1 = no lodging, 9 = 100% lodged.

Planting Date: April 25

Harvest Date: August 15

Previous Crop: Canola