

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2022	Hettinger, ND
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Variety	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Weight	Protein	2020	2021	2022	2 yr	3 yr
	DAP ¹	inches	0-9 ²	lbs/bu	%	----- Bushels per acre -----				
AAC Brandon	80	32	0	63.0	13.2	--	49.8	73.1	61.5	--
AAC Concord	81	36	0	61.0	14.3	23.4	42.3	63.6	53.0	43.1
AAC Starbuck	80	33	0	63.4	14.1	--	46.6	76.1	61.4	--
AAC Wheatland	80	32	0	62.5	13.1	--	44.0	73.3	58.6	--
AP Gunsmoke CL2	80	32	0	62.7	12.6	24.2	48.4	78.8	63.6	50.5
AP Murdock	80	30	0	61.1	12.7	22.7	39.5	73.6	56.5	45.3
AP Smith	83	30	0	63.5	13.1	18.1	38.0	76.5	57.3	44.2
Asend-SD	82	36	0	62.5	13.1		40.9	74.4	57.6	--
Bolles	81	33	0	62.6	13.6	16.2	42.7	70.3	56.5	43.1
CAG-Justify	81	33	0	61.5	12.2	--	48.0	82.4	65.2	--
CAG-Reckless	81	34	0	63.8	12.7	--	49.9	75.2	62.6	--
CAG-Recoil	81	30	0	61.8	13.2	--	--	76.4	--	--
CP3099A	86	34	0	59.9	11.7	--	41.9	76.8	59.4	--
CP3119A	86	35	0	58.1	12.5	--	42.8	74.0	58.4	--
CP3188	81	33	0	61.2	11.9	--	43.7	77.2	60.4	--
CP3530	81	35	0	63.0	13.3	27.9	40.3	76.0	58.1	48.0
CP39120	88	35	0	58.8	12.1	--	--	71.9	--	--
Dagmar	79	33	0	63.2	12.4	24.3	48.4	82.6	65.5	51.7
Driver	81	33	0	64.2	12.5	28.5	45.9	76.9	61.4	50.4
Faller	81	35	0	62.3	12.2	28.1	45.1	79.2	62.1	50.8
Glenn	79	35	0	64.2	13.9	23.0	41.6	71.2	56.4	45.3
Lanning	79	31	0	62.3	13.4	20.9	48.6	77.3	62.9	48.9
LCS Ascent	80	33	0	64.0	12.0	--	--	80.9	--	--
LCS Buster	83	32	0	61.0	11.6	27.9	43.5	81.3	62.4	50.9
LCS Cannon	77	31	0	64.1	12.4	24.0	48.5	79.6	64.0	50.7
LCS Dual	80	32	0	62.3	12.0	--	--	80.2	--	--
LCS Hammer AX	80	30	0	62.9	12.2	--	--	77.6	--	--
LCS Rebel	79	35	0	64.2	12.5	25.5	49.4	78.2	63.8	51.0
LCS Trigger	83	33	0	63.3	11.3	30.9	43.1	77.1	60.1	50.3
MN Rothsay	81	29	0	63.6	12.5	18.0	43.1	74.2	58.7	45.1
MN Torgy	79	32	0	64.1	12.4	24.8	45.2	77.1	61.1	49.0
MN Washburn	81	32	0	62.7	12.9	26.6	39.8	76.1	58.0	47.5
MS Barracuda	77	30	0	63.2	12.1	20.2	45.0	82.8	63.9	49.3
MS Charger	79	31	0	62.3	11.1	--	--	86.5	--	--
MS Cobra	80	32	0	62.9	13.1	--	42.3	77.7	60.0	--
MS Rancho	79	33	0	62.6	12.6	25.5	49.3	78.2	63.7	51.0
ND Frohberg	80	35	0	62.6	13.5	22.2	46.0	73.7	59.9	47.3
ND Heron	79	34	0	63.4	13.4	21.9	47.7	74.3	61.0	48.0
ND VitPro	80	33	0	63.6	14.4	21.1	39.4	71.6	55.5	44.0

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Variety	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Weight	Protein	2020	2021	2022	2 yr	3 yr
	DAP ¹	inches	0-9 ²	lbs/bu	%	----- Bushels per acre -----				
<i>Table continues from previous page</i>										
Shelly	81	32	0	63.7	12.6	--	--	78.9	--	--
SK Rush	80	35	0	63.0	13.2	--	43.5	76.1	59.8	--
SY 611 CL2	80	30	0	63.7	13.0	24.9	44.6	81.4	63.0	50.3
SY Ingmar	83	30	0	62.5	14.2	18.2	42.6	65.1	53.8	42.0
SY Longmire	81	30	0	63.4	12.8	26.1	40.2	70.7	55.4	45.6
SY McCloud	80	32	0	64.4	13.9	20.4	46.5	76.9	61.7	47.9
SY Valda	81	30	0	62.9	12.9	26.4	43.3	74.8	59.0	48.1
TCG Heartland	79	30	0	62.9	14.3	20.7	45.7	73.2	59.4	46.5
TCG Spitfire	83	31	0	62.4	13.2	30.3	42.6	77.4	60.0	50.1
TCG Wildcat	81	32	0	63.0	13.7	19.1	44.9	75.5	60.2	46.5
WB9590	79	29	0	62.0	13.5		43.2	77.6	60.4	--
Trial Mean	80.8	32	0	62.6	12.8	23.6	44.2	76.6	60.0	47.8
C.V. %	0.8	3.1	--	0.7	3.5	9.2	7.4	3.1	--	--
LSD 5%	0.8	1.2	--	0.5	0.5	2.5	3.8	2.8	--	--
LSD 10%	0.6	0.9	--	0.4	0.4	2.0	3.0	2.2	--	--

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

² 0 = no lodging, 9 = 100% lodged.

Planting Date: April 9

Harvest Date: August 14

Previous Crop: Soybean