

**NDSU Hettinger Research Extension Center**

**Hard Red Spring Wheat - 2021**

**Hettinger, ND**

Variety	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Weight	Protein	2019	2020	2021	2 yr	3 yr
	DAP <sup>1</sup>	inches	0-9 <sup>2</sup>	lbs/bu	%	----- Bushels per acre -----				
AAC Brandon	62	27	0	59.6	15.7	--	--	49.8	--	--
AAC Concord	62	22	0	55.9	15.7	--	23.4	42.3	32.9	--
AAC Starbuck	62	24	0	59.3	15.8	--	--	46.6	--	--
AAC Wheatland	62	24	0	58.2	15.1	--	--	44.0	--	--
Ambush	61	22	0	60.7	15.3	61.6	23.0	43.1	33.1	42.6
AP Gunsmoke CL2	61	23	0	58.5	16.2	--	24.2	48.4	36.3	--
AP Murdock	61	21	0	57.9	16.1	70.0	22.7	39.5	31.1	44.1
AP Smith	63	19	0	58.1	15.5	--	18.1	38.0	28.1	--
Ballistic	62	23	0	57.9	14.7	57.4	29.7	45.7	37.7	44.3
Bolles	62	26	0	58.8	17.1	65.1	16.2	42.7	29.5	41.3
CAG-Justify	63	26	0	55.4	15.8	--	--	48.0	--	--
CAG-Reckless	62	26	0	59.7	15.4	--	--	49.9	--	--
Commander	61	23	0	59.0	15.2	69.0	19.8	48.4	34.1	45.7
CP3099A	64	24	0	55.8	14.5	--	--	41.9	--	--
CP3119A	64	21	0	52.5	15.2	--	--	42.8	--	--
CP3188	62	23	0	56.5	14.8	--	--	43.7	--	--
CP3530	62	25	0	55.8	16.4	66.9	27.9	40.3	34.1	45.0
CP3915	62	23	0	58.7	15.3	65.8	30.0	43.4	36.7	46.4
Dagmar	61	25	0	58.5	15.2	--	24.3	48.4	36.3	--
Driver	62	24	0	60.8	14.8	--	28.5	45.9	37.2	--
Faller	62	26	0	58.1	15.1	71.8	28.1	45.1	36.6	48.3
Glenn	61	26	0	60.5	15.8	57.6	23.0	41.6	32.3	40.7
Lang MN	62	25	0	59.0	15.4	68.7	23.2	49.4	36.3	47.1
Lanning	61	22	0	56.2	15.5	64.5	20.9	48.6	34.8	44.7
LCS Buster	64	22	0	56.5	13.9	--	27.9	43.5	35.7	--
LCS Cannon	59	23	0	60.1	14.0	63.5	24.0	48.5	36.3	45.3
LCS Rebel	61	26	0	59.6	15.5	63.7	25.5	49.4	37.4	46.2
LCS Trigger	64	22	0	57.6	15.1	70.0	30.9	43.1	37.0	48.0
MN Torgy	62	24	0	61.5	15.3	68.3	24.8	45.2	35.0	46.1
MN Washburn	62	21	0	56.3	15.4	64.7	26.6	39.8	33.2	43.7
MS Barracuda	60	24	0	58.6	14.8	66.9	20.2	45.0	32.6	44.0
MS Cobra	61	23	0	59.1	15.6	--	--	42.3	--	--
MS Ranchero	61	24	0	57.7	14.7	--	25.5	49.3	37.4	--
ND Frohberg	62	26	0	58.7	15.5	62.9	22.2	46.0	34.1	43.7
ND VitPro	61	22	0	57.7	15.8	61.5	21.1	39.4	30.3	40.7
PFS-Buns	66	21	0	54.0	15.8	--	--	39.9	--	--
SK Rush	62	24	0	58.3	15.2	--	--	43.5	--	--

*Table continued on next page*

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	Head	Height	Lodge	Weight	Protein	2019	2020	2021	2 yr	3 yr
	DAP <sup>1</sup>	inches	0-9 <sup>2</sup>	lbs/bu	%	----- Bushels per acre -----				
<i>Table continues from previous page</i>										
SY 611 CL2	62	22	0	59.0	14.9	73.8	24.9	44.6	34.7	47.8
SY Ingmar	63	23	0	58.1	16.0	62.7	18.2	42.6	30.4	41.2
SY Longmire	62	22	0	57.0	15.8	69.0	26.1	40.2	33.1	45.1
SY McCloud	62	24	0	59.3	15.2	62.8	20.4	46.5	33.4	43.2
SY Rockford	63	22	0	57.7	15.8	70.9	20.5	43.5	32.0	44.9
SY Soren	62	21	0	58.1	15.7	67.9	17.1	44.2	30.7	43.1
SY Valda	62	21	0	58.7	15.5	68.7	26.4	43.3	34.8	46.1
TCG Heartland	61	21	0	58.6	16.0	65.5	20.7	45.7	33.2	44.0
TCG Spitfire	64	22	0	56.3	15.7	69.4	30.3	42.6	36.4	47.4
TCG Wildcat	63	21	0	58.6	15.8	--	19.1	44.9	32.0	--
WB9479	61	19	0	59.5	16.3	--	--	45.9	--	--
WB9590	61	20	0	58.2	16.0	--	--	43.2	--	--
Trial Mean	62	23	0	58.1	15.4	66.0	23.6	44.2	34.0	44.7
C.V. %	0.7	9.6	--	1.8	2.7	7.1	9.2	7.4	--	--
LSD 5%	0.6	3.0	--	1.4	0.5	6.6	2.5	3.8	--	--
LSD 10%	0.5	2.5	--	1.2	0.4	5.5	2.0	3.0	--	--

<sup>1</sup> Days to Head = the number of days from planting to head emergence from the boot.

<sup>2</sup> 0 = no lodging, 9 = 100% lodged.

Planting Date: April 22

Harvest Date: July 29

Previous Crop: Canola