

**NDSU Hettinger Research Extension Center**

<b>Hard Red Spring Wheat - 2018</b>	<b>Hettinger, ND</b>
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Variety	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Weight	Protein	2016	2017	2018	2 yr	3 yr
	DAP <sup>1</sup>	inches	0-9 <sup>2</sup>	lbs/bu	%	----- Bushels per acre -----				
AAC Brandon	53	26	0	57.6	17.3	--	--	55.5	--	--
AAC Goodwin	53	26	0	57.8	16.6	--	--	54.5	--	--
AAC Penhold	54	21	0	57.6	17.0	--	--	49.0	--	--
Barlow	50	24	0	58.4	16	48.4	40.1	55.6	47.9	48.0
Bolles	54	26	0	54.4	19.0	44.0	32.8	36.0	34.4	37.6
Boost	54	25	0	56.8	17.3	50.6	31.2	38.3	34.8	40.0
Dyna-Gro Ambush	51	27	0	57.5	16.4	--	36.3	55	45.7	--
Dyna-Gro Caliber	53	20	0	55.9	17.1	--	32.5	44.4	38.5	--
Elgin ND	54	28	0	57.8	16.8	48.5	38.4	60.8	49.6	49.2
Faller	54	25	0	56.7	15.8	43.4	41.5	53	47.3	46.0
Glenn	51	23	0	57.8	16.6	49.1	32.1	54.0	43.1	45.1
HRS 3100	52	23	0	55.8	17.3	--	36.3	39.9	38.1	--
HRS 3419	55	22	0	54.1	17.3	54.7	41.2	34.8	38.0	43.6
HRS 3504	53	22	0	57.7	16.3	48.3	32.7	52.9	42.8	44.6
HRS 3530	54	26	0	56.9	17.1	43.7	35.9	52.4	44.2	44.0
HRS 3616	52	25	0	56.1	17.2	48.6	38.7	51	44.9	46.1
HRS 3888	53	23	0	56.5	16.9	--	--	50.0	--	--
Lang MN	54	25	0	57.2	17.0	49.9	36.3	53.3	44.8	46.5
Lanning	53	24	0	56.7	16.6	--	--	63.5	--	--
LCS Breakaway	50	22	0	57.5	17.9	48.4	34.8	41.6	38.2	41.6
LCS Cannon	49	24	0	58.7	17.1	--	--	51.3	--	--
LCS Rebel	51	25	0	57.8	16.7	--	36.8	55.5	46.2	--
LCS Trigger	57	25	0	58.6	14.9	55.7	44.5	69.9	57.2	56.7
Linkert	51	21	0	57.2	17.2	43.6	34.0	42.0	38.0	39.9
Mott	53	25	0	56.6	17.2	46.4	36.6	43.8	40.2	42.3
MS Camaro	51	20	0	55.1	17.5	--	31.4	33.4	32.4	--
MS Chevelle	51	21	0	57.7	15.4	47.8	37.5	59.1	48.3	48.1
MS Barracuda	49	22	0	55.8	17.5	--	--	48.6		
ND VitPro	52	25	0	56.9	16.8	48.1	31.9	52.6	42.3	44.2
Prestige	50	24	0	55.7	16.2	45.8	32.6	55.6	44.1	44.7
Prosper	55	26	0	56.7	15.9	36	39.5	53	46.3	42.8
Redstone	56	25	0	56.1	16.9	47.0	38.3	46.8	42.6	44.0
Rollag	51	23	0	57.5	17.3	47.3	31.6	46.3	39.0	41.7
Shelly	55	24	0	57.6	16.8	50.9	43.9	53.1	48.5	49.3
Surpass	51	20	0	56.6	16.9	49.7	36.7	40.4	38.6	42.3
SY Ingmar	54	22	0	57.1	17.6	48.1	39.9	40.3	40.1	42.8

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	Head	Height	Lodge	Weight	Protein	2016	2017	2018	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 Rockford	53	25	0	55.5	16.9	48.7	39.3	54	46.7	47.3
SY Soren	53	22	0	56.9	17.6	50.1	36.5	43.7	40.1	43.4
SY Valda	52	22	0	56.8	16.6	49.6	35.1	51.0	43.1	45.2
TCG Climax	56	22	0	57.7	18.3	--	34.5	52.7	43.6	--
TCG Glenville	52	19	0	55.7	17.5	--	--	35.9	--	--
TCG Spitfire	55	25	0	57.0	16.4	52.0	37.6	54.0	45.8	47.9
WB9479	52	21	0	56.9	17.2	--	34.4	51.4	42.9	--
WB9590	52	20	0	56.6	17.2	--	37.6	50.7	44.2	--
WB9653	52	20	0	57.1	16.5	45.8	39.4	50.2	44.8	45.1
WB9719	53	24	0	57.5	16.7	--	43.4	52.2	47.8	--
Trial Mean	53	24	0	57.0	17.0	47.3	35.8	49.4	43.0	44.8
C.V. %	1.2	9.6	--	1.2	2.1	7.1	11.4	12.2	--	--
LSD 5%	0.9	3.2	NS	0.9	0.5	4.7	5.7	8.4	--	--
LSD 10%	0.7	2.7	NS	0.8	0.4	4.0	4.8	7.1	--	--

<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 27

Harvest Date: August 22

Previous Crop: Carinata