

**Hard Red Winter Wheat - 2018**

**Hettinger, ND**

Variety	Heading Date	Plant Height	Plant Lodge	Test Weight	Grain Protein	Grain Yield			Average Yield	
	Julian	inches	0-9 <sup>1</sup>	lbs/bu	%	2016	2017	2018	2 yr	3 yr
						----- Bushels per acre -----				
AAC Goldrush	164	25	0	57.7	17.0	--	--	32.7	--	--
AAC Wildfire	164	21	0	58.9	15.6	--	--	40.2	--	--
AC Broadview	163	24	0	58.6	15.4	58.4	81.6	36.7	59.2	58.9
AC Emerson	164	21	0	57.6	18.4	63	70.6	30.6	50.6	54.7
AC Gateway	164	24	0	59.2	16.3	64.1	76.5	35.9	56.2	58.8
Accipiter	164	23	0	59.9	15.0	56.1	72.4	35.2	53.8	54.6
CDC Chase	164	22	0	58.9	15.9	56.3	81.3	33.9	57.6	57.2
Decade	162	23	0	55.6	17.7	58	76.2	19.5	47.9	51.2
Ideal	163	29	0	57.5	16.7	57.3	88.2	26.6	57.4	57.4
Jerry	163	24	0	56.8	16.9	51.9	76.1	29.7	52.9	52.6
Keldin	164	25	0	57.4	15.5	--	101.2	37.2	69.2	--
Loma	165	24	0	58.3	15.9	69.7	71.5	36.5	54.0	59.2
Lyman	162	24	0	56.6	17.0	64.9	84.2	27.3	55.8	58.8
Moats	164	27	0	57.0	16.5	60.7	80.2	29.5	54.9	56.8
Northern	165	22	0	58.8	16.1	68.3	78.9	33.7	56.3	60.3
Oahe	162	26	0	54.9	16.6	--	83.1	28.2	55.7	--
Overland	162	21	0	57.5	16.8	72.4	91.7	29.5	60.6	64.5
Overland-FHB1	160	23	0	56.7	16.8	--	90.9	26.9	58.9	--
Peregrine	164	21	0	59.4	14.9	63.1	81.1	38	59.6	60.7
Redfield	162	21	0	58.1	16.6	60.2	79.2	24.7	52.0	54.7
SY Monument	160	19	0	56.9	15.6	69.1	99.6	27.6	63.6	65.4
SY Sunrise	162	22	0	57.3	15.9	80.2	85.6	20.4	53.0	62.1
SY Wolf	160	22	0	54.6	16.1	69	93.9	24.3	59.1	62.4
Thompson	163	25	0	55.2	16.6	--	--	33.0	--	--
WB Matlock	163	22	0	58.8	16.3	55.7	71.1	33.8	52.5	53.5
WB4462	159	23	0	55.8	16.1	--	--	20.1	--	--
Trial Mean	162	23	0.0	57.4	16.3	61.2	82.2	30.3	56.4	58.1
C.V. %	0.5	8.8	--	2.3	2.4	4.3	9.4	18.3	--	--
LSD 0.05	1.2	2.9	NS	1.9	0.5	4.8	10.8	7.8	--	--
LSD 0.10	1.0	2.4	NS	1.5	0.5	4.0	9.1	6.5	--	--

<sup>1</sup> 0 = no lodging, 9 = 100% lodged.

Planting Date: September 29

Harvest Date: August 3

Previous Crop: Oats