

Hard Red Winter Wheat - 2017

Hettinger, ND

Variety	Fall	Spring	Heading	Plant	Plant	Test	Grain	---- Grain Yield ----			Average Yield			
	Stand	Stand	Date	Height	Lodge ¹	Weight	Protein	2015	2016	2017	2 yr	3 yr		
	%	%	Julian	inches	0-91	lbs/bu	%	----- Bushels per acre -----						
SY Wolf	90	90	154	32	0	63.4	12.6	96.8	69.0	93.9	81.5	86.6		
Overland	90	90	153	36	0	64.3	12.1	86.3	72.4	91.7	82.1	83.5		
Northern	90	90	158	31	0	60.7	12.9	84.0	68.3	78.9	73.6	77.1		
Lyman	90	90	153	34	0	63.0	13.5	80.4	64.9	84.2	74.6	76.5		
Ideal	90	90	155	33	0	64.2	12.1	80.8	57.3	88.2	72.8	75.4		
Flourish	90	90	155	34	0	62.0	12.9	75.9	68.4	80.7	74.6	75.0		
Peregrine	90	90	157	37	0	62.7	12.0	80.6	63.1	81.1	72.1	74.9		
CDC Chase	90	90	156	37	0	62.9	12.1	83.7	56.3	81.3	68.8	73.8		
WB4614	90	90	154	29	0	60.3	12.5	78.1	71.8	71.3	71.6	73.7		
AC Emerson	90	90	158	33	0	62.2	13.1	86.9	63.0	70.6	66.8	73.5		
AC Gateway	90	90	155	30	0	62.7	13.1	79.3	64.1	76.5	70.3	73.3		
Redfield	90	90	154	29	0	63.3	13.0	78.4	60.2	79.2	69.7	72.6		
Decade	90	90	155	32	0	62.5	12.9	81.1	58.0	76.2	67.1	71.8		
AC Broadview	90	90	156	31	0	62.6	12.2	71.7	58.4	81.6	70.0	70.6		
Moats	90	90	157	37	0	61.8	12.8	70.6	60.7	80.2	70.5	70.5		
Accipiter	90	90	158	32	0	60.8	12.5	77.5	56.1	72.4	64.3	68.7		
WB Matlock	90	90	157	34	0	62.0	13.2	75.2	55.7	71.1	63.4	67.3		
Jerry	90	90	156	39	0	62.0	12.6	72.2	51.9	76.1	64.0	66.7		
SY Monument	90	90	154	33	0	62.5	11.8	--	69.1	99.6	84.4	--		
SY Sunrise	90	90	153	31	0	61.7	12.8	--	80.2	85.6	82.9	--		
Ruth	90	90	152	35	0	64.3	12.6	--	63.2	91.0	77.1	--		
Loma	90	90	159	30	0	57.5	13.5	--	69.7	71.5	70.6	--		
Keldin	90	90	156	33	0	62.5	11.6	--	--	101.2	--	--		
Overland-FHB1	90	90	153	36	0	64.9	12.5	--	--	90.9	--	--		
Oahe	90	90	153	39	0	63.7	12.3	--	--	83.1	--	--		
MT1488	90	90	157	32	0	59.9	12.1	--	--	78.2	--	--		
Trial Mean	90	90	155	33	0.0	62.3	12.6	79.5	61.2	82.2	72.4	74.0		
C.V. %	--	--	0.5	5.0	--	1.3	4.3	4.9	4.3	9.4	--	--		
LSD 0.05	NS	NS	1.1	2.3	NS	1.1	0.8	6.9	4.8	10.8	--	--		
LSD 0.10	NS	NS	0.9	2.0	NS	0.9	0.6	5.9	4.0	9.1	--	--		

¹ 0 = no lodging, 9 = 100% lodged.

Fertilizer: 50 lbs/ac 11-52-0, 200 lbs/ac 46-0-0

Planting Date: September 14

Previous Crop: HRSW Green Fallow

Harvest Date: July 17