

Hard Red Winter Wheat - 2016

Hettinger, ND

Variety	Fall	Fall	Spring	Heading	Plant	Plant	Test	Grain	---- Grain Yield ----			Average Yield	
	Growth	Stand	Stand	Date	Height	Lodge	Weight	Protein	2014	2015	2016	2 yr	3 yr
	1-5 ¹	%	%		inches	0-9 ²	lbs/bu	%	----- Bushels per acre -----				
SY Wolf	5	90	90	6/9	32	0	59.7	13.8	95.7	96.8	69.0	82.9	87.2
Overland	4	90	90	6/7	35	1	59.9	12.8	91.6	86.3	72.4	79.4	83.4
AC Emerson	3	90	90	6/10	32	0	59.7	14.3	94.9	86.9	63.0	75.0	81.6
Decade	3	90	90	6/10	32	4	56.9	13.8	102.9	81.1	58.0	69.6	80.7
Peregrine	3	90	90	6/11	38	1	59.7	13.9	96.2	80.6	63.1	71.9	80.0
Lyman	3	90	90	6/8	33	2	59.4	13.9	91.0	80.4	64.9	72.7	78.8
Ideal	3	90	90	6/9	32	0	57.6	13.2	95.8	80.8	57.3	69.1	78.0
Flourish	3	90	90	6/9	35	1	56.0	14.4	88.8	75.9	68.4	72.2	77.7
AC Gateway	4	90	90	6/10	31	0	59.4	14.7	87.9	79.3	64.1	71.7	77.1
Redfield	3	90	90	6/8	30	0	57.8	14.2	88.0	78.4	60.2	69.3	75.5
WB Matlock	4	90	90	6/9	35	0	58.9	13.5	86.6	75.2	55.7	65.5	72.5
Moats	3	90	90	6/9	37	1	58.9	14.6	85.6	70.6	60.7	65.7	72.3
AC Broadview	4	90	90	6/9	34	2	56.1	13.7	84.9	71.7	58.4	65.1	71.7
Accipiter	2	90	90	6/11	33	1	56.3	13.9	81.2	77.5	56.1	66.8	71.6
Jerry	3	90	90	6/10	36	0	57.3	13.7	85.2	72.2	51.9	62.1	69.8
Northern	4	90	90	6/10	31	0	55.5	15.0	--	84.0	68.3	76.2	--
WB4614	5	90	90	6/9	30	0	55.7	14.0	--	78.1	71.8	75.0	--
Colter	2	76	75	6/10	32	0	55.5	14.3	--	80.4	69.2	74.8	--
CDC Chase	5	90	90	6/10	38	0	59.9	14.6	--	83.7	56.3	70.0	--
SY Sunrise	4	90	90	6/7	31	0	59.4	13.1	--	--	80.2	--	--
SY Monument	5	90	90	6/8	33	0	57.7	14.4	--	--	69.1	--	--
Loma	3	90	90	6/11	30	0	55.4	13.1	--	--	69.7	--	--
Ruth	4	90	90	6/7	32	0	58.4	13.7	--	--	63.2	--	--
Trial Mean	3	90	90	6/9	34	0.5	58.2	14.1	88.1	79.5	61.2	71.3	77.2
C.V. %	11.6	0.5	0.1	0.4	3.9	146.4	1.6	3.3	4.9	4.3	7.7	--	--
LSD 0.05	0.5	0.6	0.1	0.9	1.9	1.1	1.3	0.7	6.9	4.8	6.7	--	--
LSD 0.10	0.5	0.5	0.1	0.7	1.6	1.0	1.1	0.5	5.9	4.0	5.6	--	--

¹ 1 = least growth, 5 = most growth.

² 0 = no lodging, 9 = 100% lodged.

Planting Date: September 21

Harvest Date: July 19

Fertilizer: 50 lbs/ac 10-50-0, 150 lbs/ac 46-0-0

Herbicide: Wolverine

Previous Crop: Chemical Fallow