

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2018									
									Mandan, ND
Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2016	2017	2018	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
AAC Brandon	28	0	54.4	12.4	--	--	41.7	--	--
AAC Goodwin	31	0	55.4	12.6	--	--	50.9	--	--
AAC Penhold	30	0	54.6	12.4	--	--	49.0	--	--
Barlow	28	0	54.7	13.1	60.9	16	46.2	31.1	41.0
Bolles	27	0	55.3	13.2	--	7.5	48.6	28.1	--
Boost	28	0	54.5	12.8	--	16.0	50.5	33.3	--
DynaGro Ambush	26	0	56.1	12.1	--	--	50.5	--	--
DynaGro Caliber	29	0	55.9	14.2	--	--	52.7	--	--
Elgin-ND	27	0	55.8	12.7	65.3	17.4	48.9	33.2	43.9
Faller	29	0	55.6	11.3	--	--	45.6	--	--
Glenn	30	0	54.9	13.1	62.6	11.1	56.0	33.6	43.2
HRS 3100	29	0	54.5	12.5	--	--	52.4	--	--
HRS 3419	30	0	54.9	10.5	73.5	18.3	51.2	34.75	47.7
HRS 3504	27	0	53.4	11.7	--	--	46.2	--	--
HRS 3530	25	0	55.3	12.9	70.6	18.3	48.2	33.3	45.7
HRS 3616	27	0	55.9	13	--	--	46.5	--	--
HRS 3888	30	0	54.5	12.5	--	--	51.5	--	--
Lang-MN	28	0	55.3	12.0	--	21.1	51.3	36.2	--
Lanning	28	0	55.1	12.8	--	--	46.3	--	--
LCS Breakaway	28	0	54.3	13.1	--	--	49.6	--	--
LCS Cannon	30	0	54.1	13.1	--	--	50.0	--	--
LCS Rebel	27	0	55.4	12.9	--	--	52	--	--
LCS Trigger	29	0	54.0	10.2	--	28.7	43.5	36.1	--
Linkert	29	0	54.9	13.1	--	--	45.9	--	--
Mott	28	0	54.1	12.9	61.3	18.2	45.1	31.65	41.5
MS Camaro	26	0	55.0	13.7	--	--	51.6	--	--
MS Chevelle	29	0	54.0	12.0	--	22.6	49.8	36.2	--
MS Barracuda	29	0	55.3	12.3	--	--	50.2	--	--
ND VitPro	29	0	55.2	13.7	--	16.2	47.1	31.7	--
Prestige	29	0	55.5	12.6	--	--	46.5	--	--
Prosper	31	0	54.3	11.2	--	--	53	--	--
Redstone	26	0	55.4	10.9	--	22.3	44.7	33.5	--
Rollag	29	0	54.6	13.7	--	--	48.6	--	--
Shelly	28	0	54.7	11	--	15	51.8	33.4	--
Surpass	30	0	54.8	11.8	--	17.4	51.4	34.4	--
SY Ingmar	29	0	55.2	12.5	58.8	20.5	55.4	38.0	44.9

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Variety	Plant Height	Plant Lodge	Test Weight	Grain Protein	----- Grain Yield -----			Average Yield	
	inches	0-9*	lbs/bu	%	2016	2017	2018	2 yr	3 yr
					----- Bushels per acre -----				
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SY Rockford	27	0	54.6	11.9	--	--	46	--	--
SY Soren	30	0	54.6	12.7	59.4	18.3	48.0	33.2	41.9
SY Valda	31	0	56.0	11.6	--	19.1	46.0	32.6	--
TCG Climax	29	0	54.6	12.7	--	--	54.8	--	--
TCG Glenville	30	0	55.2	13.6	--	--	53.3	--	--
TCG Sptifire	29	0	55.2	11.4	--	23.2	49.2	36.2	--
WB9479	30	0	55.8	13.1	--	--	51.9	--	--
WB9590	27	0	54.1	12.8	--	--	52.2	--	--
WB9653	29	0	54.2	11.1	70.1	23.7	45.3	34.5	46.4
WB9719	31	0	54.7	11.3	--	--	49.9	--	--
Trial Mean	29	0	54.9	12.5	64.2	18.5	49.3	33.1	43.8
C.V. %	7.6	--	2.2	6.0	7.6	15.7	12.2	--	--
LSD 5%	3.0	NS	1.7	1.0	6.9	4.1	8.4	--	--
LSD 10%	2.6	NS	1.4	0.9	5.7	3.4	7.0	--	--

* 0 = no lodging, 9 = 100% lodged.

Planting Date: May 9

Harvest Date: September 6

Previous Crop: Spring Wheat