

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2019	Hettinger, ND
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Variety	Days to	Plant	Plant	Test	Grain	----- Grain Yield -----			----- Average Yield -----	
	Head	Height	Lodge	Weight	Protein	2017	2018	2019	2 yr	3 yr
	DAP ¹	inches	0-9 ²	lbs/bu	%	----- Bushels per acre -----				
AP Murdock	67	30	0	57.4	14.2	--	--	70.0	--	--
Barlow	66	35	0	58.8	15.1	40.1	40.0	66.3	53.2	48.8
Bolles	68	31	0	56.7	15.8	32.8	25.9	65.1	45.5	41.3
Boost	68	35	0	57.4	14.6	31.2	27.6	67.5	47.6	42.1
CP3504	68	31	0	56.3	13.3	32.7	38.1	70.0	54.1	46.9
CP3530	67	33	0	56.9	14.5	35.9	37.7	66.9	52.3	46.8
CP3616	67	32	0	56.7	15.0	38.7	36.7	62.8	49.8	46.1
CP3888	67	32	0	56.8	14.5	--	36.0	70.6	53.3	--
CP3910	65	30	0	59.0	14.6	--	--	68.4	--	--
CP3915	67	32	0	58.1	15.2	--	--	65.8	--	--
CP3939	67	32	0	56.7	15.6	--	--	65.0	--	--
Dyna-Gro Ambush	66	31	0	58.2	15.4	36.3	39.6	61.6	50.6	45.8
Dyna-Gro Ballistic	67	27	0	56.8	15.1	--	--	57.4	--	--
Dyna-Gro Commander	66	31	0	58.0	14.7	--	--	69.0	--	--
Elgin ND	67	37	0	56.9	15.2	38.4	43.8	68.2	56.0	50.1
Faller	67	35	0	56.9	14.3	41.5	38.2	71.8	55.0	50.5
Glenn	65	34	0	57.3	15.4	32.1	38.9	57.6	48.3	42.9
Lang MN	68	32	0	58.1	14.6	36.3	38.4	68.7	53.6	47.8
Lanning	66	31	0	56.7	16.0	--	45.7	64.5	55.1	--
LCS Breakaway	66	30	0	58.6	15.7	34.8	30.0	67.5	48.8	44.1
LCS Cannon	65	29	0	59.2	15.1	--	36.9	63.5	50.2	--
LCS Rebel	66	33	0	58.0	15.2	36.8	40.0	63.7	51.9	46.8
LCS Trigger	70	32	0	57.9	12.5	44.5	50.3	70.0	60.2	54.9
Linkert	67	29	0	58.3	16.7	34.0	30.3	57.0	43.7	40.4
MN Washburn	67	29	0	57.2	14.5	--	30.1	64.7	47.4	--
Mott	68	38	0	57.2	15.1	36.6	31.5	62.8	47.2	43.6
MS Barracuda	65	30	0	57.7	15.2	--	35.0	66.9	51.0	--
MS Camaro	67	29	0	58.4	15.1	31.4	24.1	63.7	43.9	39.7
MS Chevelle	67	30	0	57.6	13.7	37.5	42.5	71.8	57.2	50.6
ND VitPro	66	31	0	57.3	16.0	31.9	37.9	61.5	49.7	43.8
Prestige	67	31	0	56.3	15.0	32.6	40.1	59.7	49.9	44.1
Redstone	71	33	0	57.2	13.7	38.3	33.7	69.2	51.5	47.1
Shelly	69	30	0	57.0	14.3	43.9	38.2	68.3	53.3	50.1
Surpass	65	31	0	57.0	14.4	36.7	29.1	67.4	48.3	44.4
SY 611 CL2	67	30	0	59.0	13.9	--	33.4	73.8	53.6	--
SY Ingmar	67	31	0	58.8	15.4	39.9	29.0	62.7	45.9	43.9

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	Head	Height	Lodge	Weight	Protein	2017	2018	2019	2 yr	3 yr
	DAP ¹	inches	0-9 ²	lbs/bu	%	----- Bushels per acre -----				
<i>Table continues from previous page</i>										
SY Longmire	67	30	0	58.2	14.4	--	35.0	69.0	52.0	--
SY McCloud	66	31	0	58.2	15.7	--	31.7	62.8	47.3	--
SY Rockford	68	32	0	57.3	14.2	39.3	38.8	70.9	54.9	49.7
SY Soren	67	29	0	58.6	15.3	36.5	31.5	67.9	49.7	45.3
SY Valda	67	29	0	57.4	13.9	35.1	36.7	68.7	52.7	46.8
TCG Climax	72	33	0	58.5	15.6	34.5	37.9	57.0	47.5	43.1
TCG Heartland	66	30	0	58.1	15.6	--	--	65.5	--	--
TCG Spitfire	69	33	0	56.5	14.1	37.6	38.9	69.4	54.2	48.6
TCG Stalwart	66	32	0	56.0	15.4	--	--	59.8	--	--
Trial Mean	67	32	0	57.7	14.9	35.8	35.5	66.0	50.9	46.1
C.V. %	0.7	4.4	--	1.2	3.6	11.4	12.2	7.1	--	--
LSD 5%	0.6	1.9	--	1.0	0.7	5.7	6.1	6.6	--	--
LSD 10%	0.5	1.6	--	0.8	0.6	4.8	5.1	5.5	--	--

¹ Days to Head = the number of days from planting to head emergence from the boot.

² 0 = no lodging, 9 = 100% lodged.

Planting Date: April 24

Harvest Date: August 20