

**NDSU Hettinger Research Extension Center**

<b>Hard Red Spring Wheat - 2019</b>	<b>Scranton, ND</b>
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Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2017	2018	2019	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
Barlow	31	0	55.7	14.9	15.2	33.0	28.3	30.7	25.5
Bolles	31	0	53.8	16.8	12.5	34.4	18.9	26.7	21.9
CP3504	28	0	54.2	14.3	--	--	34.9	--	--
CP3530	32	0	54.6	14.9	14.8	37.0	26.5	31.8	26.1
CP3616	29	0	53.5	15.7	--	35.4	26.0	30.7	--
DynaGro Ambush	30	0	56.0	14.6	--	36.3	26.7	31.5	--
Elgin-ND	33	0	52.6	15.1	16.4	44.0	30.2	37.1	30.2
Glenn	31	0	52.1	14.8	16.1	33.7	21.2	27.5	23.7
Lang-MN	32	0	56.1	15.2	16.4	44.0	29.5	36.8	30.0
Lanning	30	0	51.2	15.8	--	--	25.0	--	--
LCS Cannon	28	0	56.7	13.8	--	--	27.8	--	--
LCS Rebel	32	0	56.7	14.6	--	33.9	25.8	29.9	--
LCS Trigger	32	0	53.7	13.1	13.8	57.0	39.1	48.1	36.6
MN Washburn	29	0	54.0	14.1	--	--	29.0	--	--
Mott	34	0	52.9	15.5	15.4	37.2	25.6	31.4	26.1
MS Chevelle	29	0	53.7	13.6	13.5	37.1	26.7	31.9	25.8
ND VitPro	29	0	54.1	15.3	13.7	35.4	24.1	29.8	24.4
Shelly	28	0	53.5	14.2	18.9	44.2	26.0	35.1	29.7
SY Ingmar	27	0	54.8	14.9	14.1	37.0	28.0	32.5	26.4
SY Longmire	28	0	53.1	14.7	--	--	35.7	--	--
SY Rockford	30	0	53.7	14.9	--	41.1	29.5	35.3	--
SY Soren	27	0	51.9	15.1	18.1	37.2	28.0	32.6	27.8
SY Valda	28	0	56.7	14.6	13.8	35.5	30.7	33.1	26.7
TCG Climax	30	0	56.7	16.4	--	45.1	32.5	38.8	--
TCG Spitfire	30	0	54.4	14.2	17.8	46.7	36.0	41.4	33.5
<b>Trial Mean</b>	<b>30</b>	<b>0</b>	<b>54.3</b>	<b>14.9</b>	<b>15.6</b>	<b>39.9</b>	<b>28.1</b>	<b>33.2</b>	<b>27.2</b>
<b>C.V. %</b>	<b>4.9</b>	<b>--</b>	<b>3.4</b>	<b>3.2</b>	<b>16.5</b>	<b>5.3</b>	<b>16.8</b>	<b>--</b>	<b>--</b>
<b>LSD 5%</b>	<b>2.0</b>	<b>NS</b>	<b>2.6</b>	<b>0.7</b>	<b>3.6</b>	<b>3.0</b>	<b>6.6</b>	<b>--</b>	<b>--</b>
<b>LSD 10%</b>	<b>1.7</b>	<b>NS</b>	<b>2.2</b>	<b>0.6</b>	<b>3.0</b>	<b>2.5</b>	<b>5.6</b>	<b>--</b>	<b>--</b>

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

Planting Date: May 15

Harvest Date: September 4

Scranton suffered from hail damage in 2019.