

**NDSU North Central Research Extension Center  
2017 Hard Red Spring Wheat Variety Trial at Minot**

Variety	Days to Head	Plant Height	Test Weight	Protein %	Grain Yield				
					2015	2016	2017	--- Average ---	
					2015	2016	2017	2 year	3 year
	DAP <sup>1</sup>	inches	lbs/bu	%	-----bu/A-----				
LCS Nitro	60	23	57.6	14.6	83.3	109.1	49.0	79.0	80.5
Prosper	58	25	59.1	15.6	78.8	93.8	55.4	74.6	76.0
HRS 3419	63	26	58.7	15.2	82.2	83.8	53.4	68.6	73.1
Redstone	64	29	58.8	14.8	74.8	86.2	55.6	70.9	72.2
Faller	58	23	58.4	15.7	82.4	84.2	49.9	67.1	72.2
HRS 3530	59	27	57.7	15.7	90.2	73.5	51.3	62.4	71.7
SY Ingmar	56	22	60.5	16.3	81.3	84.6	47.7	66.1	71.2
Rollag	55	22	60.2	15.8	81.8	74.6	53.6	64.1	70.0
SY Valda	55	22	58.9	15.8	88.3	77.1	43.7	60.4	69.7
WB9653	56	22	58.9	16.1	73.0	87.5	47.7	67.6	69.4
Elgin-ND	56	27	58.9	15.8	72.5	80.0	50.8	65.4	67.8
HRS 3504	56	22	59.3	16.3	74.1	83.6	43.6	63.6	67.1
MS Chevelle	54	22	60.2	15.2	68.8	86.7	45.2	66.0	66.9
ND901CL+	57	26	60.4	16.7	74.7	69.9	54.5	62.2	66.4
SY Rowyn	55	24	59.0	16.0	80.3	70.5	46.6	58.5	65.8
Glenn	54	26	60.8	16.1	68.0	76.4	50.6	63.5	65.0
LCS Prime	54	23	60.7	14.7	72.4	77.7	44.7	61.2	64.9
SY Soren	55	21	61.0	16.1	74.1	68.6	50.8	59.7	64.5
Shelly	59	21	60.2	15.2	74.3	71.2	47.1	59.2	64.2
LCS Breakaway	55	21	59.8	16.8	70.2	86.9	34.9	60.9	64.0
Prevail	54	22	60.6	15.6	76.5	64.2	48.9	56.5	63.2
Surpass	53	20	60.6	15.6	78.9	68.6	40.7	54.7	62.7
Mott	58	24	58.8	16.2	78.0	66.9	42.9	54.9	62.6
Bolles	58	26	58.8	17.3	68.6	70.2	48.6	59.4	62.5
WB-Mayville	55	21	59.3	15.7	66.2	69.7	49.8	59.7	61.9
Linkert	55	21	61.0	16.4	68.6	77.5	39.2	58.3	61.8
Boost	58	26	59.4	16.3	69.1	66.0	49.3	57.6	61.5
ND-VitPro	54	22	61.2	16.6	68.7	79.5	35.2	57.3	61.1
Barlow	55	27	61.1	16.0	68.5	63.6	48.2	55.9	60.1
TCG-Spitfire	60	25	58.4	14.7	--	87.7	64.0	75.9	--
Lang-MN	59	23	59.1	16.2	--	80.6	46.9	63.8	--
HRS 3616	56	25	58.7	16.5	--	75.6	48.3	62.0	--
Egan	58	26	57.3	17.4	--	71.0	48.3	59.6	--
LCS Anchor	53	20	61.0	15.9	--	72.5	34.6	53.5	--
TCG-Cornerstone	55	23	57.8	15.8	--	60.7	44.0	52.4	--
WB9719	57	23	61.5	15.3	--	--	58.3	--	--
AKF-Astro	57	28	58.4	14.3	--	--	56.6	--	--
WB9479	56	22	57.7	16.2	--	--	54.2	--	--
WB9590	54	21	59.2	16.0	--	--	51.6	--	--
SY Rockford	58	24	56.9	15.8	--	--	50.6	--	--
LCS Trigger	64	24	57.3	14.2	--	--	49.2	--	--
TCG-Climax	61	25	60.6	16.6	--	--	48.8	--	--
Dyna-Gro Ambush	54	24	60.5	16.1	--	--	48.1	--	--
Dyna-Gro Caliber	57	20	59.2	16.1	--	--	48.0	--	--
MS Camaro	55	21	59.6	16.1	--	--	46.9	--	--
LCS Rebel	54	26	55.7	16.3	--	--	46.8	--	--
HRS 3100	57	21	59.7	16.8	--	--	38.9	--	--
Trial Mean	56	24	59.5	16.0	73.2	77.2	48.1	--	--
C.V.%	2.0	7.7	1.8	2.1	7.4	10.5	12.7	--	--
LSD 5%	2	3	1.8	0.5	7.5	13.1	9.9	--	--
LSD 10%	2	2	1.5	0.5	6.3	11.0	8.3	--	--

<sup>1</sup> DAP = Days after planting.

No-till planted on April 19 with a seeding rate of 1.25 million PLS/A and harvested on July 31.

Previous Crop: 2014 = flax, 2015 = soybean, 2016 = canola.

Soil Type: Williams Loam