

2017 Hard Red Spring Wheat Variety Trial at Rugby

Cooperators: Dave Teigen and the Pierce County Crop Improvement Association

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2015	2016	2017	-- Average -- 2 yr 3 yr	
LCS Nitro	26	0	58.4	13.3	81.7	78.3	68.7	73.5	76.2
Prosper	27	0	58.7	14.2	81.6	82.5	54.6	68.5	72.9
Elgin-ND	30	0	59.2	14.6	72.3	74.2	71.4	72.8	72.6
Faller	28	0	59.5	13.7	74.8	81.8	59.8	70.8	72.1
Redstone	26	0	57.4	13.7	72.8	77.1	64.0	70.5	71.3
SY Ingmar	26	0	58.8	14.9	72.7	74.1	64.6	69.3	70.5
SY Soren	26	0	59.1	14.7	67.5	74.1	59.7	66.9	67.1
Barlow	31	0	59.1	15.0	64.6	68.6	66.4	67.5	66.5
Glenn	30	0	59.8	15.4	67.9	66.0	54.5	60.3	62.8
Bolles	26	0	59.4	16.5	71.9	68.4	45.3	56.8	61.9
SY Valda	26	0	60.3	13.9	--	80.8	63.1	71.9	--
HRS3530	30	0	58.4	14.7	--	77.0	63.5	70.2	--
Linkert	26	0	59.4	14.9	--	66.4	71.3	68.9	--
HRS 3419	27	0	57.9	13.6	--	72.9	63.7	68.3	--
LCS Prime	27	0	59.3	13.8	--	75.6	53.9	64.8	--
Shelly	25	0	58.7	13.6	--	66.7	59.0	62.9	--
ND VitPro	27	0	57.7	15.4	--	69.2	49.0	59.1	--
Boost	25	0	59.5	15.3	--	68.8	46.9	57.8	--
WB9653	25	0	58.6	13.7	--	--	63.7	--	--
SY Rowyn	25	0	58.6	14.0	--	--	59.0	--	--
Lang-MN	27	0	58.3	15.1	--	--	58.2	--	--
Surpass	26	0	57.2	14.2	--	--	52.5	--	--
Trial Mean	27	0	58.8	14.6	72.2	72.7	58.9	--	--
C.V.%	6.9	0	2.0	1.9	8.4	5.5	12.6	--	--
LSD 5%	3	NS	NS	0.5	8.6	5.6	12.2	--	--
LSD 10%	3	NS	NS	0.4	7.1	4.7	10.2	--	--

*Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planted on April 30 with a seeding rate of 1.25 million PLS/A and harvested on August 17.

Previous Crop: 2014 = soybean, 2015 = wheat, 2016 = field pea.

Tillage: minimum till

Soil Type: Gardena silt loam