

2017 Hard Red Spring Wheat Variety Trial at Wilton

Cooperator: Rod Binstock, Baldwin

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2015	2016	2017	-- Average -- 2 yr 3 yr	
SY Ingmar	25	0	51.2	16.0	63.1	80.2	37.5	58.8	60.3
Faller	26	0	49.5	15.4	55.6	83.5	40.8	62.1	60.0
LCS Nitro	26	0	51.7	15.0	62.8	78.0	37.9	57.9	59.6
Prosper	26	0	49.0	15.6	58.5	85.2	33.3	59.2	59.0
Elgin-ND	30	0	49.0	16.2	56.7	80.6	39.6	60.1	59.0
Barlow	28	0	50.7	15.9	56.2	74.3	40.2	57.3	56.9
SY Soren	24	0	52.5	15.7	58.1	72.2	39.6	55.9	56.6
Redstone	28	0	51.7	16.6	53.9	85.2	29.2	57.2	56.1
Glenn	28	0	52.5	15.8	58.8	72.9	36.3	54.6	56.0
Bolles	28	0	52.1	17.1	49.2	74.1	37.1	55.6	53.5
LCS Prime	28	0	47.6	14.5		88.2	42.7	65.5	
SY Valda	25	0	52.3	15.5		87.4	42.9	65.2	
HRS3530	29	0	50.9	16.0		83.8	40.3	62.1	
Shelly	25	0	53.0	15.0		83.1	38.0	60.6	
Boost	27	0	52.2	15.8		79.1	38.3	58.7	
Linkert	23	0	53.1	15.7		73.3	40.4	56.8	
ND VitPro	27	0	51.1	16.0		75.3	37.8	56.5	
HRS 3419	27	0	51.3	16.2		72.6	26.6	49.6	
WB9653	25	0	51.4	15.1			46.6		
Lang-MN	29	0	53.2	16.2			40.5		
SY Rowyn	25	0	52.8	15.7			39.1		
Surpass	25	0	52.5	14.9			38.6		
Trial Mean	27	0	51.6	15.7	58.0	79.2	38.4	--	--
C.V.%	6.1	0	2.5	2.4	6.8	5.5	9.1	--	--
LSD 5%	2	NS	1.8	0.5	5.5	6.2	5.0	--	--
LSD 10%	2	NS	1.5	0.4	4.6	5.2	4.1	--	--

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

NS = no statistical difference between varieties.

Planted on April 27 with a seeding rate of 1.25 million PLS/A and harvested on August 8.

Previous Crop: 2014 = wheat, 2015 = soy, 2016 = wheat.

Tillage: no-till

Soil Type: Williams loam

Note: The 2017 trial sustained severe drought and moderate hail injury.