

2018 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				
					2016	2017	2018	-- Average -- 2 yr 3 yr	
					-----bu/A-----				
LCS Nitro	28	1	59.5	12.4	78.0	37.9	92.9	65.4	69.6
Faller	27	2	59.5	12.1	83.5	40.8	80.9	60.9	68.4
LCS Prime	27	4	60.8	12.2	88.2	42.7	64.6	53.7	65.2
SY Valda	25	2	59.9	12.9	87.4	42.9	64.7	53.8	65.0
Boost	28	1	59.9	13.8	79.1	38.3	76.6	57.4	64.7
Elgin ND	30	2	60.4	12.6	80.6	39.6	71.8	55.7	64.0
Prosper	29	1	60.1	12.2	85.2	33.3	73.5	53.4	64.0
SY Ingmar	24	4	60.6	14.3	80.2	37.5	72.2	54.8	63.3
Barlow	28	2	62.0	13.5	74.3	40.2	70.6	55.4	61.7
SY Soren	23	5	60.0	14.0	72.2	39.6	71.6	55.6	61.1
Linkert	24	2	60.1	15.1	73.3	40.4	69.1	54.8	60.9
ND VitPro	27	1	62.4	13.7	75.3	37.8	69.3	53.6	60.8
HRS 3419	29	0	58.9	11.3	72.6	26.6	82.2	54.4	60.5
Glenn	29	1	62.9	13.7	72.9	36.3	70.3	53.3	59.8
Bolles	27	2	59.7	14.7	74.1	37.1	68.3	52.7	59.8
WB9653	24	2	59.5	12.2		46.6	76.6	61.6	
Lang-MN	28	3	61.1	13.2		40.5	69.0	54.8	
SY Rowyn	24	3	59.6	13.0		39.1	61.1	50.1	
TCG Spitfire	26	0	60.7	12.8			84.1		
DG Ambush	26	2	61.1	13.6			74.0		
Rollag	25	3	59.8	13.5			62.9		
MS Camaro	23	5	59.6	14.4			57.1		
Trial Mean	26	2	60.4	13.2	79.2	38.4	72.0	--	--
C.V.%	4.4	40	0.5	3.2	5.5	9.1	5.8	--	--
LSD 5%	2	1	0.5	0.6	6.2	5.0	5.9	--	--
LSD 10%	1	1	0.4	0.5	5.2	4.1	5.0	--	--

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

Planted on April 28 with a seeding rate of 1.25 million PLS/A and harvested on August 9.

Previous Crop: 2015 = soy, 2016 = wheat, 2017 = soy.

Tillage: no-till

Soil Type: Williams loam

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