

2016 WSU Variety Testing Hard Spring Wheat Trial, Reardan

Variety Name <i>Hard White Italicized</i>	2016						2 Year*	3 Year**	5 Year***
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
LCS Iron (11SB0096)	79	63.4	13.5	32	169	0	55	64	
<i>Dayn</i>	77	63.0	13.3	35	166	0	55	64	65
WB9229	74	63.3	15.5	31	169	0			
<i>UI-Platinum</i>	72	63.9	12.5	32	167	0	54	61	
SY Coho (04W40292R)	72	61.3	13.2	32	170	0			
Alum	71	63.5	13.4	35	169	0	50	59	
SY Steelhead	66	63.8	15.1	35	168	0	47		
WB9518	66	62.1	15.8	32	168	0			
SY Selway (04PN3001-2)	66	61.8	14.5	34	167	3			
WB9668	66	63.0	17.1	32	167	0			
Glee	65	62.7	13.4	32	167	3	47	60	65
Chet	63	63.8	14.9	43	167	2	46	55	
Kelse	62	61.7	14.6	35	167	0	44	56	59
LCS Buck Pronto	57	62.4	15.2	33	166	2	41	54	58
WB9200	56	62.7	16.1	30	168	0			
Bullseye	56	61.4	13.2	31	168	2	42	55	58
SY605 CL	49	62.2	15.4	36	167	0	39	53	
WB9879CLP	47	57.8	14.6	34	167	0	36	49	
Hollis	46	61.6	14.3	43	167	7	37	51	55
EXPERIMENTAL LINES									
12SB0197	82	61.7	12.1	33	169	0			
12SB0224	82	61.7	12.6	29	170	0			
12SB0199	80	61.9	12.6	31	169	0			
SY 06PN3015-08	70	62.9	13.5	30	167	0			
<i>WA 8240 CL+</i>	70	62.5	13.8	33	167	0			
10SB0087-B	69	62.8	13.7	31	169	0	49		
WA 8258	67	62.3	14.9	36	168	2			
SY 04PN3051-9	65	63.2	14.6	34	168	0			
WA 8259	63	63.6	15.0	36	166	5			
<i>IDO1203S-A</i>	61	62.0	12.2	32	166	0			
WA 8261	60	63.1	13.5	34	167	3			
WA 8241 CL+	56	63.5	13.1	33	168	23			
YS-802-1	55	62.5	13.9	37	166	0			
WA 8260	55	62.9	16.4	33	167	0			
HRS 3616	53	61.5	15.2	34	168	0			
HRS 3530	50	60.3	13.0	36	168	0			
HRS 3504	48	57.2	13.4	32	167	0			
C.V. %	6	1	2	4	0	--	6	6	7
LSD (0.05)	5	0.7	0.4	2	1	3	4	3	3
Average	64	62.3	14.1	34	168	1	46	57	60
Highest	82	63.9	17.1	43	170	23	55	64	65
Lowest	46	57.2	12.1	29	166	0	36	49	55

Agronomic Information

Planting Date: 4/11/2016
Harvest Date: 9/1/2016
Seeding Rate (lbs/acre): 80
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 79
 P (ppm-bicarb) 2-ft sample 65
 S (lb/ac) 2-ft sample 33
 pH (top six inches) 5.0
Herbicide:
Huskie and Tilt applied on 5/31.

Trial Notes:

- 1.** The Reardan nursery was located about 7 miles west of Reardan, WA . All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** This is a no-till location and fertilizer applied at planting (not accounted for in the soil sample) was: 80#N, 14#P, 14#S.
- 3.** This trial received only one fungicide application and yield-limiting stripe rust was observed on susceptible varieties.

Cooperator: H. Johnson

* 2-Year average from 2016 & 2014

** 3-Year average from 2016, 2014, 2013

*** 5-Year average from 2016, 2014, 2013, 2012, 2011