

2016 WSU Variety Testing Hard Spring Wheat Trial, Pullman

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
<i>Dayn</i>	106	61.9	12.0	37	158	83	82	82
WB9229	100	61.4	12.9	33	163	76		
LCS Iron (11SB0096)	99	61.3	11.5	36	161	76	74	
SY Selway (04PN3001-2)	93	60.2	11.9	39	160	75		
WB9200	92	63.3	13.2	33	157			
WB9518	91	62.5	12.4	34	160	71		
Alum	90	61.9	12.3	38	161	76	75	
WB9668	89	63.5	13.4	31	157	69		
SY Coho (04W40292R)	85	57.1	12.8	36	161	67		
Chet	84	63.0	13.0	46	160	70	72	
Glee	83	61.8	11.7	36	157	70	72	74
<i>UI-Platinum</i>	83	61.9	10.5	32	157	69	69	
LCS Buck Pronto	80	60.1	13.2	35	156	67	68	70
SY Steelhead	76	63.4	12.2	38	161	64		
Hollis	69	59.5	13.2	45	160	61	63	65
Bullseye	65	58.1	12.2	34	161	61	65	68
Kelse	63	57.4	14.0	38	160	57	62	63
SY605 CL	62	60.4	12.5	39	158	55	59	
WB9879CLP	57	57.9	13.0	37	161	54	59	
EXPERIMENTAL LINES								
12SB0197	104	60.0	11.5	34	161			
12SB0199	100	59.7	11.7	33	161			
12SB0224	97	59.0	12.3	33	162			
10SB0087-B	95	60.6	12.6	32	161	74		
SY 06PN3015-08	94	61.0	12.0	32	160			
<i>WA 8240 CL+</i>	93	60.9	11.5	38	159	76		
WA 8258	89	60.3	12.7	39	159			
WA 8261	77	61.4	12.4	36	159			
WA 8241 CL+	76	63.1	11.5	37	158	65		
WA 8260	76	61.8	14.0	38	158			
WA 8259	75	61.8	12.6	39	159			
SY 04PN3051-9	74	63.3	12.1	37	160			
HRS 3616	70	58.2	13.0	37	161			
<i>IDO1203S-A</i>	68	59.9	11.6	32	157			
YS-802-1	67	61.2	11.8	38	155			
HRS 3504	50	53.3	12.3	34	161			
HRS 3530	45	56.1	12.3	38	162			
C.V. %	4	1	5	3	0	4	4	4
LSD (0.05)	4	1.0	0.8	2	1	3	3	2
Average	81	60.5	12.4	36	159	68	68	70
Highest	106	63.5	14.0	46	163	83	82	82
Lowest	45	53.3	10.5	31	155	54	59	63

Agronomic Information

Planting Date: 4/8/2016
Harvest Date: 8/13/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test (pre-fertilizer):
 N (lb/ac) 4-ft sample 62
 P (ppm-bicarb) 1-ft sample 25
 S (lb/ac) 2-ft sample 14
 pH (top foot) 5.8
Herbicide:
Affinity Broadspec, Huskie, Dagger MCPA
applied by cooperator. No fungicide applied.

Trial Notes:

1. The Pullman nursery was located about 1.5 miles southeast of Pullman, WA on the WSU Spillman Agronomy Farm. All yield, test weight, and protein values within the 5% range of the highest value are shown in bold.
2. An additional 200#N, 20#P, and 20#S was applied prior to planting (not accounted for in the soil sample).
3. No fungicide was applied at this location, **stripe rust pressure was severe**. This location provided an opportunity to evaluate stripe rust and illustrates the importance of genetic resistance to stripe rust.

Cooperator: WSU Spillman Agronomy Farm

* 3-Year average from 2016, 2015, 2013

** 5-Year average from 2016, 2015, 2013, 2012, 2011