

2016 WSU Variety Testing Hard Spring Wheat Trial, Walla Walla

Variety Name <i>Hard White Italicized</i>	2016				2 Year	3 Year*	5 Year**
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>							
SY Selway (04PN3001-2)	121	60.8	12.1	37	94		
<i>Dayn</i>	121	62.4	12.5	36	92	96	86
Glee	113	62.6	12.6	35	93	98	88
<i>UI-Platinum</i>	111	62.8	11.8	32	89	93	
SY Coho (04W40292R)	103	60.2	13.3	34	83		
LCS Iron (11SB0096)	103	61.5	12.4	32	87	88	
Bullseye	102	62.7	12.8	32	87	93	85
SY Steelhead	102	<b>62.9</b>	<b>14.1</b>	38	79		
Alum	101	62.6	12.8	37	80	86	
WB9668	101	62.4	<b>14.7</b>	31	83		
WB9518	98	61.9	13.9	31	85		
Chet	96	<b>63.4</b>	13.8	45	81	86	
SY605 CL	96	62.6	13.5	39	78	83	
LCS Buck Pronto	96	61.4	13.9	33	80	87	79
Kelse	89	60.5	<b>14.0</b>	35	74	83	76
WB9200	88	62.7	<b>14.3</b>	31			
Hollis	87	61.8	13.5	44	76	83	77
WB9879CLP	86	61.4	13.7	35	75	82	
WB9229	82	62.1	<b>14.1</b>	29	73		
<b>EXPERIMENTAL LINES</b>							
12SB0197	113	61.2	11.5	33			
12SB0199	113	60.7	11.8	32			
<i>WA 8240 CL+</i>	113	62.0	12.5	35	89		
<i>IDO1203S-A</i>	110	62.4	11.2	33			
SY 06PN3015-08	105	62.5	11.8	31			
10SB0087-B	105	61.6	12.5	31	86		
WA 8259	104	<b>63.1</b>	<b>14.1</b>	37			
WA 8258	101	62.0	12.8	35			
WA 8261	99	62.3	13.3	35			
WA 8260	98	62.6	<b>14.3</b>	35			
YS-802-1	97	<b>63.3</b>	12.5	40			
WA 8241 CL+	97	<b>62.9</b>	13.0	37	83		
12SB0224	96	60.9	11.7	33			
SY 04PN3051-9	95	<b>63.2</b>	13.9	37			
HRS 3616	95	61.2	<b>14.0</b>	36			
HRS 3504	94	59.8	11.3	33			
HRS 3530	84	60.2	12.6	37			
C.V. %	4	1	4	3	5	5	5
LSD (0.05)	6	0.5	0.7	1	5	4	3
Average	100	62.0	13.0	35	83	88	82
Highest	121	63.4	14.7	45	94	98	88
Lowest	82	59.8	11.2	29	73	82	76

### **Agronomic Information**

Planting Date: 4/8/2016  
Harvest Date: 8/23/2016  
Seeding Rate (lbs/acre): 80  
Previous Crop: Winter Wheat  
Spring soil test:  
    N (lb/ac) 4-ft sample 266  
    P (ppm-bicarb) 2-ft sample 86  
    S (lb/ac) 2-ft sample 65  
    pH (top six inches) 6.7  
Herbicide:  
Huskie & Tilt applied on 5/12

### **Trial Notes:**

- 1.** The Walla Walla nursery was located about 1.5 miles west of Waitsburg, WA. All yield, test weight and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** This trial only received one fungicide application. Stripe rust was present on susceptible varieties after flowering.
- 3.** This was a very uniform trial.

**Cooperator:** P. Dozier

\* 3-Year average from 2016, 2015, 2013

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