

2016 WSU Variety Testing Hard Spring Wheat Trial, St. John

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)
<b>RELEASED VARIETIES</b>								
SY Coho (04W40292R)	76	61.1	12.2	33	163	51		
LCS Iron (11SB0096)	73	62.3	12.7	32	162	52	53	
<i>Dayn</i>	72	62.2	12.7	34	159	51	51	55
WB9229	71	62.3	14.1	29	163	49		
Bullseye	70	<b>63.7</b>	12.9	30	161	51	48	55
SY Selway (04PN3001-2)	68	61.4	12.8	35	160	48		
Alum	68	62.7	13.3	35	162	49	52	56
WB9518	68	61.3	15.1	31	164	50		
Kelse	67	62.1	14.4	37	161	48	50	55
Chet	66	62.7	14.7	43	161	46	49	54
WB9879CLP	66	61.4	15.1	32	163	46	48	
Glee	65	62.3	13.2	34	159	52	52	58
SY Steelhead	64	63.3	14.1	32	161	46	48	
<i>UI-Platinum</i>	62	<b>63.5</b>	12.4	27	158	47	46	
LCS Buck Pronto	60	61.7	14.5	32	159	43	45	51
WB9668	59	62.8	15.6	27	158	45		
Hollis	58	61.6	14.1	42	160	44	46	52
SY605 CL	57	62.3	15.4	35	159	43	42	47
WB9200	53	62.4	<b>16.4</b>	29	160			
<b>EXPERIMENTAL LINES</b>								
12SB0197	80	61.2	11.9	30	162			
<i>IDO1203S-A</i>	78	<b>63.4</b>	13.0	29	158			
12SB0199	77	61.4	12.3	28	162			
12SB0224	74	60.8	12.0	29	162			
HRS 3504	70	61.7	14.1	32	163			
<i>WA 8240 CL+</i>	69	61.4	12.9	34	160	49		
10SB0087-B	67	62.0	13.1	29	163	52	54	
SY 06PN3015-08	65	62.3	13.0	26	161			
WA 8258	64	61.7	14.7	36	160			
YS-802-1	63	62.5	13.9	35	157			
WA 8261	62	62.5	13.6	34	160			
HRS 3616	62	61.2	14.8	33	163			
WA 8259	62	62.8	15.0	35	160			
SY 04PN3051-9	60	62.9	14.6	32	162			
WA 8241 CL+	60	62.6	13.4	35	159	48		
WA 8260	56	62.4	14.8	35	159			
HRS 3530	54	61.9	14.8	34	162			
C.V. %	6	0	4	4	0	8	8	8
LSD (0.05)	6	0.3	0.7	2	1	5	4	3
Average	66	62.2	13.8	33	161	48	49	54
Highest	80	63.7	16.4	43	164	52	54	58
Lowest	53	60.8	11.9	26	157	43	42	47

### **Agronomic Information**

Planting Date: 4/18/2016  
Harvest Date: 8/16/2016  
Seeding Rate (lbs/acre): 80  
Previous Crop: Winter Wheat  
Spring soil test:  
    N (lb/ac) 4-ft sample 167  
    P (ppm-bicarb) 2-ft sample 100  
    S (lb/ac) 2-ft sample 47  
    pH (top six inches) 5.26  
Herbicide:  
Huskie & Tilt applied on 5/25

### **Trial Notes:**

- 1.** The St. John nursery was located about 3 miles east of St. John, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** This trial received only one fungicide application and no stripe rust was observed.
- 3.** Soil test was taken after planting.

**Cooperator:** M. Mills