

2016 WSU Variety Testing Hard Spring Wheat Trial, Farmington

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>UI-Platinum</i>	92	61.6	9.2	32	156	79	73	
SY Coho (04W40292R)	88	59.6	10.3	36	166	75		
<i>Dayn</i>	87	61.3	9.5	36	158	80	75	77
Glee	87	60.8	9.9	39	157	79	73	76
SY Selway (04PN3001-2)	86	60.8	10.9	38	159	75		
Bullseye	85	62.1	9.3	33	159	80	73	75
LCS Iron (11SB0096)	85	60.0	10.1	35	164	75	72	
Chet	83	62.6	9.9	50	160	77	70	72
Alum	81	62.0	10.0	38	163	75	68	71
WB9200	76	62.4	11.5	32	158			
Kelse	75	61.1	10.5	40	160	70	67	71
WB9518	75	60.7	11.4	32	161	71		
SY Steelhead	74	62.1	10.5	38	162	70	65	
WB9879CLP	73	60.6	10.3	37	163	71	70	
LCS Buck Pronto	73	60.9	11.3	36	156	67	64	67
Hollis	73	61.0	10.1	50	161	69	65	67
WB9668	71	61.6	12.2	31	157	68		
SY605 CL	71	62.4	10.5	40	156	67	67	69
WB9229	70	61.1	10.9	31	168	63		
EXPERIMENTAL LINES								
12SB0197	97	59.2	10.0	35	169			
12SB0199	92	59.0	9.5	34	167			
<i>WA 8240 CL+</i>	84	60.7	10.0	37	160	79		
WA 8259	82	62.3	10.9	39	159			
<i>IDO1203S-A</i>	82	61.0	9.6	32	156			
12SB0224	82	59.6	9.6	32	169			
YS-802-1	82	61.8	10.4	41	153			
HRS 3504	81	59.7	9.9	35	168			
SY 06PN3015-08	81	60.9	9.6	33	161			
SY 04PN3051-9	78	61.7	10.7	38	161			
WA 8261	78	61.0	10.3	38	158			
10SB0087-B	78	61.1	10.1	31	163	73	69	
WA 8258	75	60.9	10.8	40	159			
WA 8241 CL+	75	61.8	10.5	38	157	74		
WA 8260	72	61.6	11.0	39	157			
HRS 3616	70	60.4	10.8	37	164			
HRS 3530	67	61.0	9.7	41	166			
C.V. %	7	0	6	3	1	6	7	6
LSD (0.05)	8	0.3	0.9	2	2	5	4	3
Average	79	61.1	10.3	37	161	73	69	72
Highest	97	62.6	12.2	50	169	80	75	77
Lowest	67	59.0	9.2	31	153	63	64	67

Agronomic Information

Planting Date: 4/7/2016
Harvest Date: 9/14/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 110
 P (ppm-bicarb) 2-ft sample 80
 S (lb/ac) 2-ft sample 31
 pH (top six inches) 5.9
Herbicide:
Huskie & Tilt applied on 5/17

Trial Notes:

- 1.** The Farmington nursery was located about 4 miles south of Farmington, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Base fertilizer, applied prior to the soil sample, was: 85#N, 20#P, 20#S. An additional 60#N was topdressed on the hard trial. Low proteins indicate that the trial could have used more nitrogen.
- 3.** This trial received only one fungicide application. Stripe rust was present on susceptible varieties late in the growing season.

Cooperator: B. Nelson