

2016 WSU Variety Testing Hard Spring Wheat Trial, Dayton

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								
LCS Iron (11SB0096)	63	61.8	12.2	28	159	47	46	
<i>UI-Platinum</i>	63	63.2	11.2	28	155	45	46	
Alum	62	62.9	12.5	31	159	46	44	46
<i>Dayn</i>	62	62.8	11.2	29	155	46	44	45
Bullseye	61	63.8	11.8	26	158	43	42	44
Glee	60	62.3	11.4	31	156	46	44	47
SY Coho (04W40292R)	59	60.4	12.5	27	160	44		
SY Selway (04PN3001-2)	59	61.1	11.9	31	157	44		
Kelse	58	62.2	12.8	33	159	43	43	46
Chet	55	63.3	12.8	39	159	43	43	45
SY Steelhead	54	63.1	12.9	29	160	41	42	
WB9668	53	62.5	13.9	24	155	39		
SY605 CL	53	62.4	12.8	32	155	37	36	40
WB9879CLP	52	62.0	12.8	30	161	40	41	
WB9229	52	62.2	13.5	26	162	40		
WB9518	51	61.3	14.8	28	158	39		
LCS Buck Pronto	49	61.3	13.3	28	157	38	39	43
Hollis	44	62.0	12.4	38	157	38	38	41
WB9200	43	62.2	15.1	26	157			
EXPERIMENTAL LINES								
12SB0197	70	60.9	12.0	29	159			
<i>IDO1203S-A</i>	69	63.1	11.9	27	155			
12SB0199	64	60.5	12.1	26	159			
10SB0087-B	61	61.2	12.4	26	159	48	47	
12SB0224	60	60.9	11.6	27	162			
HRS 3504	59	61.3	12.7	29	160			
<i>WA 8240 CL+</i>	58	61.7	11.8	30	156	42		
WA 8261	56	62.8	12.2	29	156			
YS-802-1	55	62.6	11.3	32	153			
SY 04PN3051-9	55	63.1	13.4	30	159			
WA 8260	55	62.2	13.8	29	156			
SY 06PN3015-08	55	62.0	11.6	26	158			
WA 8241 CL+	54	62.8	12.2	29	155	41		
WA 8258	52	61.7	12.8	30	156			
HRS 3530	51	61.8	13.6	31	160			
HRS 3616	51	60.6	13.1	32	160			
WA 8259	50	63.0	13.5	31	157			
C.V. %	4	0	5	4	0	6	7	7
LSD (0.05)	3	0.3	0.9	1	1	3	3	2
Average	56	62.1	12.6	29	158	42	42	44
Highest	70	63.8	15.1	39	162	48	47	47
Lowest	43	60.4	11.2	24	153	37	36	40

Agronomic Information

Planting Date: 4/12/2016
Harvest Date: 8/24/2016
Seeding Rate (lbs/acre): 80
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 57
 P (ppm-bicarb) 2-ft sample 69
 S (lb/ac) 2-ft sample 19
 pH (top six inches) 5.78
Herbicide:
Huskie & Tilt applied on 5/6

Trial Notes:

- 1.** The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Fertilizer applied prior to planting (after the soil sample) was: 100#N, 15#P, 20#S. An additional 25#N was topdressed onto the hard trial after planting.
- 3.** One fungicide application kept stripe rust under control and no rust was observed later in the season.

Cooperator: J. Penner