

2016 WSU Variety Testing Hard Spring Wheat Trial, Fairfield

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)
RELEASED VARIETIES							
Alum	48	61.2	12.0	32	59	60	
Chet	44	61.5	12.3	37	55	56	
SY Steelhead	44	61.4	13.3	33	60		
LCS Iron (11SB0096)	43	59.5	11.9	30	60	57	
Kelse	42	60.4	12.5	33	58	57	57
Glee	42	61.4	12.2	30	59	61	60
<i>Dayn</i>	42	60.2	12.4	31	59	60	60
Hollis	42	60.9	12.4	38	56	56	56
SY Selway (04PN3001-2)	41	61.5	12.8	29			
<i>UI-Platinum</i>	41	60.8	11.7	27	62	57	
SY Coho (04W40292R)	39	58.2	11.5	28			
WB9518	39	59.6	13.1	28			
WB9229	36	59.9	12.8	27			
WB9668	36	60.5	15.2	24			
Bullseye	34	61.4	12.7	25	49	49	50
LCS Buck Pronto	34	60.1	13.5	29	49	52	53
WB9879CLP	32	59.3	12.8	31	52	54	
SY605 CL	31	61.5	14.1	30	48	47	
WB9200	28	60.7	14.3	27			
EXPERIMENTAL LINES							
12SB0224	45	58.3	12.2	28			
12SB0199	43	58.6	11.5	26			
WA 8241 CL+	42	61.1	11.8	31			
12SB0197	42	58.8	12.1	28			
WA 8259	41	61.4	13.0	32			
SY 04PN3051-9	41	61.0	13.3	30			
SY 06PN3015-08	41	59.6	12.1	27			
10SB0087-B	40	59.7	12.4	26	57		
HRS 3504	40	59.0	11.9	27			
WA 8261	39	61.2	12.2	30			
YS-802-1	38	60.8	13.1	32			
<i>IDO1203S-A</i>	37	60.7	12.0	27			
WA 8258	36	60.2	12.8	31			
HRS 3616	32	59.4	13.6	30			
WA 8260	31	61.0	14.7	30			
<i>WA 8240 CL+</i>	30	59.8	13.6	26			
HRS 3530	27	58.9	12.5	31			
C.V. %	11	1	6	5	11	11	10
LSD (0.05)	6	0.5	1.0	2	5	4	3
Average	38	60.3	12.7	29	56	55	56
Highest	48	61.5	15.2	38	62	61	60
Lowest	27	58.2	11.5	24	48	47	50

Agronomic Information

Planting Date: 5/2/2016
Harvest Date: 9/14/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 75
 P (ppm-bicarb) 2-ft sample 62
 S (lb/ac) 2-ft sample 56
 pH (top six inches) 5.51
Herbicide:
Huskie & Tilt applied on 6/1

Cooperator: B. LaShaw

Trial Notes:

- 1.** The Fairfield nursery was located about 1/2 mile south of Rockford, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** In addition to the base fertilizer (90#N, 15#S), an extra 70#N was topdressed on the hard trial.
- 3.** Hessian fly infestation was very high (although not uniform across the trial) at this location and yield of susceptible varieties was impacted. Hessian fly also accounts for the higher than normal variation in the trial.

* 2-Year average from 2016 & 2014

** 3-Year average from 2016, 2014, 2013

*** 5-Year average from 2016, 2014, 2013, 2012, 2011