

2016 WSU Variety Testing Hard Spring Wheat Trial, Horse Heaven

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								
Kelse	25	61.4	14.0	25	142	20	21	21
SY Coho (04W40292R)	24	59.7	12.9	21	143	20		
WB9879CLP	24	61.4	14.4	21	147	20	20	
<i>Dayn</i>	23	61.5	13.2	22	141	20	20	22
SY Steelhead	23	62.5	13.7	23	145	21	21	
Chet	22	62.8	14.1	24	140	19	20	22
Glee	22	62.2	13.0	20	138	19	20	22
Alum	21	63.0	13.6	22	144	19	20	23
Hollis	21	61.3	13.7	25	143	19	19	23
Bullseye	19	64.1	12.7	19	143	18	20	24
LCS Iron (11SB0096)	19	61.8	12.8	20	143	19	20	
SY605 CL	18	61.7	14.3	22	138	19	19	22
WB9229	18	61.6	14.3	19	143	17		
SY Selway (04PN3001-2)	17	60.7	13.8	23	140	18		
LCS Buck Pronto	16	60.2	14.4	21	141	16	17	21
WB9518	16	61.5	15.6	21	140	17		
WB9668	16	62.0	16.9	20	141	16		
<i>UI-Platinum</i>	15	63.4	12.6	18	141	16	18	
WB9200	13	63.1	15.3	18	139			
EXPERIMENTAL LINES								
12SB0224	28	60.7	12.6	20	144			
12SB0197	27	60.5	12.4	21	144			
10SB0087-B	25	61.4	14.0	20	143	21	22	
HRS 3504	23	60.9	13.5	21	145			
SY 04PN3051-9	22	62.3	14.1	23	146			
12SB0199	22	60.5	13.1	20	143			
WA 8240 CL+	21	61.2	14.4	22	142	20		
SY 06PN3015-08	19	61.6	12.8	20	143			
HRS 3530	18	61.0	13.9	23	145			
HRS 3616	18	61.1	14.9	22	143			
YS-802-1	17	62.8	14.8	21	138			
<i>IDO1203S-A</i>	16	62.6	13.9	19	140			
WA 8261	16	63.0	13.8	21	141			
WA 8260	15	62.1	15.1	20	139			
WA 8258	13	61.3	15.1	20	140			
WA 8259	13	62.0	14.7	20	140			
WA 8241 CL+	8	62.2	14.1	19	139	14		
C.V. %	12	1	3	7	0	12	11	11
LSD (0.05)	3	0.5	0.5	2	1	2	2	1
Average	19	61.8	14.0	21	142	18	20	22
Highest	28	64.1	16.9	25	147	21	22	24
Lowest	8	59.7	12.4	18	138	14	17	21

Agronomic Information

Planting Date: 3/10/2016
Harvest Date: 8/5/2016
Seeding Rate (lbs/acre): 50
Previous Crop: Fallow
Spring soil test:
 N (lb/ac) 4-ft sample 76
 P (ppm-bicarb) 2-ft sample 20
 S (lb/ac) 2-ft sample 14
 pH (top six inches) 6.9
Herbicide:
Huskie & Tilt applied on 5/3

Trial Notes:

- 1.** The Horse Heaven nursery was located about 11 miles southeast of Prosser, WA . All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Fertilizer applied at planting was 50#N and no additional fertilizer was applied.
- 3.** Stripe rust was not an issue and the CV of 12% is typical for Horse Heaven.

Cooperator: G. Moon