

2016 WSU Variety Testing Hard Spring Wheat Trial, Moses Lake

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	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
SY Basalt	138	64.0	11.6	35	147	0			
<i>Dayn</i>	131	64.0	13.5	37	141	0	133	133	119
WB9229	129	64.8	13.7	33	146	0	119		
Yurok	125	64.8	12.5	35	147	0			
SY Coho (04W40292R)	124	63.3	12.8	37	147	0			
LCS Iron (11SB0096)	123	64.3	12.0	35	146	0	117	120	
Alum	111	65.3	12.7	38	143	0	106	113	
Bullseye	110	65.1	11.7	33	143	0	115	118	108
WB9518	109	63.7	14.3	33	143	0			
<i>UI-Platinum</i>	106	65.1	11.7	32	140	0	114	119	
Glee	106	64.1	12.5	38	141	8	114	115	103
WB9668	105	65.0	14.6	33	141	0			
Kelse	103	63.5	13.7	39	145	0	109	110	99
WB9200	96	64.6	13.9	32	141	0			
LCS Buck Pronto	95	63.5	14.1	36	141	0	106	106	97
WB9879CLP	87	62.3	13.0	39	147	10	94	99	
SY605 CL	84	63.7	14.9	40	140	0	100	102	
EXPERIMENTAL LINES									
12SB0197	132	63.2	11.5	35	147	0			
<i>WA 8264</i>	130	65.0	12.4	35	142	0			
12SB0199	128	63.1	11.9	34	145	0			
WA 8240 CL+	120	63.7	13.4	37	143	0			
12SB0224	119	63.6	12.9	33	147	0			
SY 06PN3015-08	116	64.7	12.1	34	145	0			
SY 04PN3051-9	112	65.0	13.3	39	147	0			
<i>WA 8263</i>	109	64.2	13.6	36	141	5			
<i>WA 8262</i>	107	64.1	11.7	37	142	3			
WA 8261	106	64.4	12.7	38	141	13			
WA 8258	105	63.5	13.7	40	142	3			
WA 8260	104	64.0	14.2	39	141	0			
<i>WA 8241 CL+</i>	102	64.7	12.2	39	141	20			
WA 8259	100	65.3	13.9	39	144	8			
10SB0087-B	99	64.0	13.2	33	146	0			
HRS 3530	95	62.6	12.1	40	146	0			
<i>IDO1203S-A</i>	94	63.8	12.0	33	140	0			
YS-802-1	91	64.1	12.8	37	138	0			
HRS 3616	88	63.2	14.4	37	145	0			
C.V. %	7	0	3	2	0	--	7	7	7
LSD (0.05)	11	0.4	0.6	1	1	--	9	7	6
Average	109	64.1	13.0	36	143	2	112	114	105
Highest	138	65.3	14.9	40	147	20	133	133	119
Lowest	84	62.3	11.5	32	138	0	94	99	97

Agronomic Information

Planting Date: 3/16/2016
Harvest Date: 7/28/2016
Seeding Rate (lbs/acre): 100
Previous Crop: legume cover crop
Spring soil test:
 N (lb/ac) 4-ft sample 134
 P (ppm-bicarb) 1-ft sample 16
 S (lb/ac) 2-ft sample 17
 pH (top foot) 7.3

Herbicide:
Affinity Broadspec, Huskie, Dagger MCPA
applied by cooperator. No fungicide applied.

Trial Notes:

- 1.** The Moses Lake nursery was located on the WSU Othello Research Farm. It was difficult to find an irrigated spring wheat producer located closer to Moses Lake. All yield, test weight, and protein values within the 5% range of the highest value are shown in bold.
- 2.** An additional 250#N, 20#P, and 20#S was applied prior to planting (not accounted for in the soil sample).
- 3.** No fungicide was applied at this location, and only low levels of stripe rust were observed.

Cooperator: Othello Research Farm

* 2-Year average from 2016 & 2014

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

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