

2017 WSU Variety Testing Hard Spring Wheat Trial, Moses Lake

Variety Name <i>Hard White Italicized</i>	2017						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									
<i>Dayn</i>	139	63.1	13.8	41	157	0	135	134	124
SY Gunsight (06PN3015-08)	138	62.2	14.4	39	159	13	127		
LCS Iron (11SB0096)	134	60.3	13.6	37	159	0	129	127	
WB9411	131	63.6	15.1	38	158	0			
WB9662	129	63.0	15.2	38	159	0			
WB9518	129	63.2	15.4	36	157	0	119		
WB9229	128	63.3	14.8	36	160	0	129		
Kelse	127	63.2	15.2	44	159	0	115	114	106
WB9668	125	63.6	14.5	36	157	0	115		
LCS Luna (10SB0087-B)	125	62.8	13.6	37	160	0	112	109	
WB9200	125	64.0	14.8	35	156	0	110		
SY Basalt	124	60.3	14.1	37	161	0	131		
WB9350	124	62.2	13.4	30	157	0			
LCS Buck Pronto	123	62.9	15.5	40	156	0	109	108	104
SY Coho (04W40292R)	121	60.0	14.7	41	161	23	122		
SY Selway (04PN3001-2)	119	60.6	14.5	43	159	57			
Alum	114	61.5	15.3	43	159	65	113	118	106
Glee	113	62.0	14.6	41	158	45	109	112	105
EXPERIMENTAL LINES									
12SB0224	137	61.0	13.4	36	160	0	128		
12SB0197	133	60.6	13.3	37	160	0	133		
WA 8285	132	62.0	14.9	43	157	0			
XA9861	131	64.4	13.9	39	161	0			
WA 8263	127	62.7	14.9	45	160	0	118		
06PN3017-09	127	61.4	14.0	43	160	12			
WA 8283	127	63.0	14.6	38	159	0			
12SB0199	126	60.9	13.5	38	160	0	127		
500-709	126	63.2	13.6	35	159	0			
WA 8284	125	62.4	15.0	43	158	22			
WA 8279 CL+	124	62.9	14.4	39	159	0			
IDO1603S	123	62.8	14.7	38	158	0			
WA 8280 CL+	123	63.1	14.8	43	160	43			
WA 8282	118	61.8	14.6	41	159	67			
501-089	113	61.7	13.7	32	157	0			
WA 8259	106	62.0	15.9	43	159	60	103		
WA 8261	105	61.5	14.7	42	158	67	105		
WA 8281	104	61.9	15.3	42	158	75			
C.V. %	5	1	2	2	0	--	6	6	7
LSD (0.05)	9	1.2	0.4	1	1	13	7	5	5
Average	124	62.2	14.5	39	159	15	119	117	109
Highest	139	64.4	15.9	45	161	75	135	134	124
Lowest	104	60.0	13.3	30	156	0	103	108	104

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Agronomic Information

Planting Date: 3/28/2016
Harvest Date: 8/7/2017
Seeding Rate (seeds/ft²): 25
Previous Crop: Potatoes
Spring soil test:
 N (lb/ac) 4-ft sample 185
 P (ppm-bicarb) 1-ft sample 79
 S (lb/ac) 2-ft sample 131
 pH (top foot) 6.3

Herbicide:

Goldsky and Affinity applied on 5/12; Quadris
Xcel and Dimethoate applied on 5/26; Govern
applied on 6/23

Trial Notes:

- 1.** The Moses Lake nursery was located about miles east of Moses Lake. All yield, test weight, and protein values within the 5% range of the highest value are shown in bold.
- 2.** Preplant fertilizer (not accounted for in soil sample) was 180#N. An additional 100#N and 10#S was applied after planting.
- 3.** The cooperator did a wonderful job of managing this location for high production. Stripe rust and other pests were well controlled.
- 4.** Other than lodging in some entries, this was a good, uniform trial.

Cooperator: N & J Getzinger

* 3-Year average from 2017, 2016, 2014

** 5-Year average from 2017, 2016, 2014, 2013, 2012