

2018 WSU Variety Testing Hard Spring Wheat Trial, Moses Lake

Variety Name <i>Durum Italicized</i>	2018						2 Year	3 Year	5 Year*
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Dayn	165	63.3	13.6	39	148	3	152	145	140
SY Renegade (06PN3017-09)	155	62.6	13.5	35	149	0	141		
LCS Iron	154	62.4	13.8	37	151	0	144	137	129
WB7202CLP	153	63.9	13.0	31	147	0			
SY Basalt	152	61.7	14.1	35	151	0	138	138	
SY Gunsight	152	62.4	13.7	35	150	0	145	135	
SY Coho	149	61.4	14.6	37	150	3	135	131	
WB9662	147	63.0	15.2	35	149	0	138		
WB9717	147	65.0	13.7	33	149	0			
Glee	147	63.2	14.1	37	147	15	130	122	121
WB9350	144	62.0	13.2	25	147	0	134		
<i>Soft Svevo</i>	142	62.7	14.6	36	148	17			
WB9668	141	63.0	15.8	33	148	0	133	124	
Alum	140	62.1	14.8	40	150	0	127	122	119
WB9518	139	63.1	15.1	33	148	0	134	126	
LCS Luna	138	63.0	13.8	34	149	0	131	121	
LCS Buck Pronto	135	62.4	15.6	39	147	7	129	117	115
Experimental Lines									
12SB0197	159	61.2	13.1	35	150	0	146	141	
09W821030-32	154	64.1	14.7	28	149	0			
XB9290	153	64.1	14.5	30	147	0			
12SB0224	152	61.8	12.9	35	150	7	145	136	
09W821030-15	150	64.4	14.4	32	150	0			
WA 8299 CL+	148	64.1	14.2	37	148	20			
WA 8282	147	64.0	14.7	37	148	20	132		
WA 8283	147	63.1	14.6	35	150	0	137		
WA 8280 CL+	145	63.4	14.5	40	150	7	134		
IDO1603S	144	61.9	14.7	34	148	0	133		
WA 8300 CL+	142	60.9	14.0	38	149	20			
IDO1701S	137	63.6	14.6	35	148	3			
16-HRS-5172	127	57.8	13.8	36	153	0			
C.V. %	5	0.9	1.8	3	0	247	5	5	5
LSD (0.05)	9	0.8	0.4	2	1	14	6	6	4
Average	147	62.7	14.2	35	149	4	137	130	125
Highest	165	65.0	15.8	40	153	20	152	145	140
Lowest	127	57.8	12.9	25	147	0	127	117	115

Agronomic Information

Planting Date:	3/15/2018
Harvest Date:	8/13/2018
Seeding Rate (seeds/ft ²):	25
Previous Crop:	Corn
Spring soil test:	
N (lb/ac) 4-ft sample	193
P (ppm-bicarb) 2-ft sample	109
S (lb/ac) 2-ft sample	130
pH (top 6 inches)	6.1

Trial Notes:

1. The Moses Lake nursery was located about 11 miles east of Moses Lake, WA.
2. The nursery was seeded with a double disk drill, base fertilizer was 300N
3. Overall yield was 19% greater than 2017, and grain test weight was 0.5 lb/bu more than last year

Cooperator: N. & J. Getzinger

* 5-year average from 2018, 2017, 2016, 2014, 2013

Herbicide:
Grower applied