

2018 WSU Variety Testing Soft Winter Wheat Trial, Walla Walla

Variety Name <i>Club Italicized</i>	2018					2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties								
Bobtail	149	61.0	9.8	39	138	149	142	120
UI Sparrow	140	61.5	10.9	43	142	135	131	
Norwest Tandem	139	62.7	10.8	36	136	141		
Puma	138	62.6	10.8	45	140	143	139	131
<i>ARS-Castella (ARS20060123-31C)</i>	138	62.5	10.7	43	138			
SY Raptor	137	61.9	9.8	40	136	144		
Rosalyn	136	61.8	9.8	40	139	149	147	128
Jasper	136	62.4	10.7	41	140	128		
LCS Artdeco	135	62.1	10.2	38	131	148	149	134
LCS Sonic	133	63.0	11.1	41	138	138		
Xerpha	132	62.6	10.5	41	141	124	127	127
SY Ovation	132	62.3	11.0	37	140	139	134	129
SY Command	132	61.0	10.1	38	139	133		
<i>ARS-Crescent</i>	131	61.8	10.0	41	142	124	123	120
Purl (WA 8234)	131	63.3	10.9	42	138	134	133	
PNW Hailey	128	64.1	10.8	41	139			
SY Dayton	126	62.8	10.6	36	139	138	134	
LCS Shark	126	62.0	11.4	38	133	135		
LCS Hulk	126	64.0	10.2	40	139	131	128	
Dyna-Gro Impact	125	63.3	11.0	42	138			
M-Press	125	61.9	9.9	38	139			
Norwest Duet	124	63.2	11.0	43	138	131	132	
WB1604	124	63.3	10.8	39	136	133	125	
LCS Drive	122	61.1	10.9	33	134	135		
Mary	121	63.0	11.1	38	137	135	134	126
SY Assure	121	63.4	11.0	39	133	126	126	
Stephens	118	62.4	10.7	40	137	123		
WB1532	117	63.4	12.2	37	139			
WB-528	116	63.2	11.5	41	135	120	122	118
WB1783	115	64.3	11.7	40	137	125		
Madsen	114	62.8	11.2	40	141	126	124	117
WB1529	114	63.8	11.3	37	138	123	122	
SY Banks	110	62.0	11.2	41	139	130		
SY Candor (09PN008#72)	103	63.2	11.6	38	138	121		
Experimental Lines								
LWW15-71945	148	60.5	10.2	40	138			
WA 8293	139	62.9	10.8	41	140			
LWW14-74143	135	60.5	9.8	41	132	148		
UIL 07-28017B	129	63.6	10.8	40	136	134	128	
<i>ARSDH08X117-83C</i>	127	62.9	9.9	41	139			
IDN 15-72458DH	127	62.2	10.1	40	137			
WA 8292	127	63.0	11.3	42	141			

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LWW14-72916	127	62.3	9.5	36	134	143		
<i>ARS06132-45C</i>	126	61.1	10.3	40	139			
OR2121285	125	63.1	11.3	38	137	134		
OR2130081	125	62.3	11.1	42	139			
<i>ARSDH08X028-9C</i>	124	61.7	10.5	40	140			
<i>ARSDH08X103-102C</i>	122	62.7	10.1	38	141			
WA 8232	122	63.9	11.1	42	140	130	129	
XB1104	120	64.0	10.9	36	130			
YS-205	119	63.9	11.6	39	141			
OR2121086	118	63.0	11.4	41	136	131		
IDO1708	113	61.5	11.0	39	136			
IDO1005	110	62.1	11.7	39	140			
YS-201	105	62.0	11.5	38	138			
C.V. %	8	0.5	4.3	5	1	8	7	8
LSD (0.05)	13	0.4	0.6	2	1	10	7	6
Average	126	62.6	10.8	40	138	134	131	125
Highest	149	64.3	12.2	45	142	149	149	134
Lowest	103	60.5	9.5	33	130	120	122	117

Agronomic Information

Planting Date:	10/4/2017
Harvest Date:	8/07/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	247
P (ppm-bicarb) 2-ft sample	109
S (lb/ac) 2-ft sample	40
pH (top 6 inches)	5.07

Herbicide:

Herbicides and fungicides applied by grower

Trial Notes:

1. The Walla Walla nursery was located about 11 miles east of Walla Walla, WA.
2. The nursery was fertilized prior to planting by the cooperator. No additional was applied in the spring after soil sampling.
3. Overall yield was 8% less than 2017 and grain test weight was 0.6 lb/bu less than last year.

Cooperator M Lyons