

2018 WSU Variety Testing Hard Spring Wheat Trial, Walla Walla

Variety Name	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)
<i>Durum Italicized</i>								
<i>Released Varieties</i>								
WB7202CLP	84	63.4	11.7	28	149			--
Glee	80	63.3	12.7	34	151	96	88	--
Kelse	80	63.0	13.4	34	153	84	76	--
SY Selway	80	61.9	12.4	34	152	100	89	--
SY Renegade (06PN3017-09)	79	62.7	13.2	31	153			--
Alum	79	62.4	13.2	34	154	90	80	--
Dayn	76	62.3	12.6	31	153	98	87	--
Chet	76	63.1	13.2	44	153	86	79	--
LCS Buck Pronto	74	62.2	13.7	31	150	85	78	--
LCS Luna	71	62.0	13.0	28	154	88	81	--
SY605 CL	71	63.6	13.4	36	150	83	75	--
Hollis	71	62.3	13.5	43	153	79	74	--
WB9668	69	63.0	14.2	29	152	85	79	--
SY Gunsight	68	61.5	12.9	25	154	87		--
WB9717	67	63.9	12.4	28	154			--
LCS Iron	66	61.3	12.5	29	155	84	80	--
WB9662	64	61.7	14.3	29	153			--
WB9879CLP	61	60.9	14.2	32	156	73	71	--
<i>Soft Svevo</i>								
WB9350	59	60.2	12.7	22	152			--
SY Coho	58	58.7	13.5	27	154	81	75	--
WB9518	58	61.1	14.9	26	152	78	76	--
<i>Experimental Lines</i>								
WA 8301	85	63.2	12.8	35	152			--
WA 8282	85	63.4	12.4	34	152			--
12SB0197	85	60.4	11.9	31	156	99		--
WA 8280 CL+	83	63.1	13.1	35	155			--
WA 8299 CL+	81	64.3	13.5	34	151			--
WA 8302 CL+	81	64.1	12.7	34	151			--
WA 8300 CL+	80	62.8	12.3	36	153			--
16-HRS-5172	76	58.3	12.9	29	156			--
IDO1701S	73	63.4	13.7	32	151			--
10PN3039-02	71	62.8	12.7	33	152			--
XB9591	70	63.0	12.1	26	152			--
IDO1603S	70	62.7	13.4	29	150			--
12SB0224	68	60.2	12.3	28	155	82		--
XB9290	62	62.8	13.3	23	152			--
C.V. %	4	0.5	4.5	4	1	4	5	
LSD (0.05)	4	0.4	0.8	2	1	4	3	
Average	73	62.2	13.0	31	153	87	79	
Highest	85	64.3	14.9	44	156	100	89	
Lowest	58	58.3	11.7	22	149	73	71	

Agronomic Information

Planting Date:	3/30/2018
Harvest Date:	7/31/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	88
P (ppm-bicarb) 2-ft sample	81
S (lb/ac) 2-ft sample	25
pH (top 6 inches)	5.2

Herbicide:

Herbicides and Fungicides applied by cooperator

Trial Notes:

1. The Walla Walla nursery was located about 7 miles east of Walla Walla, WA.
2. The nursery was fertilized prior to planting 120N 15P 20S. An additional 50N was applied at planting to hard trial.
3. The Walla Walla spring nursery was lost in 2017.

Cooperator: P McConnell

* 2-year average from 2018, 2016

** 3-year average from 2018, 2016, 2015