

2018 WSU Variety Testing Hard Spring Wheat Trial, Palouse

Variety Name	2018				2 Year	3 Year	5 Year
	Yield	Test WT	Protein	Plant HT	Average	Average	Average
<i>Durum Italicized</i>	(Bu/A)	(Lbs/Bu)	(%)	(In)	(Bu/A)	(Bu/A)	(Bu/A)
<b>Released Varieties</b>							
Glee	91	61.9	12.5	34	84	91	--
WB7202CLP	91	62.2	11.5	27			--
SY Renegade (06PN3017-09)	88	61.1	12.4	31	87		--
LCS Iron	88	60.5	12.2	31	84	90	--
Dayn	87	61.5	11.8	31			--
SY Selway	86	61.4	13.3	32	81	83	--
LCS Luna	86	61.0	13.3	29	78	85	--
SY Gunsight	86	59.4	12.2	28	83	87	--
WB9350	85	59.9	12.6	23	80		--
Hollis	85	60.8	13.2	40	81	83	--
WB9717	84	61.4	12.5	30			--
SY Coho	83	59.1	12.6	29	77	87	--
WB9518	81	59.8	14.8	29	74	85	--
Chet	80	62.7	12.8	42	82	86	--
Alum	80	61.9	12.4	33	81	86	--
LCS Buck Pronto	79	61.0	13.5	32	78	84	--
Kelse	75	60.8	13.4	34	73	78	--
WB9662	73	59.7	14.4	30	66		--
<i>Soft Svevo</i>	71	60.2	12.8	27			--
WB9668	71	61.0	14.0	26	68	78	--
SY605 CL	69	62.6	13.5	36	68	72	--
WB9879CLP	68	59.6	13.6	32			--
<b>Experimental Lines</b>							
16-HRS-5172	102	56.7	11.3	30			--
12SB0197	101	59.0	11.5	30	93	98	--
WA 8282	99	62.2	12.3	33	93		--
WA 8299 CL+	91	62.1	13.4	34			--
WA 8301	90	61.9	12.7	33			--
WA 8280 CL+	88	62.2	12.7	31	84		--
WA 8302 CL+	88	62.9	12.7	32			--
12SB0224	88	60.2	11.9	28	82	89	--
XB9591	87	61.0	11.8	25			--
WA 8300 CL+	87	62.3	12.6	33			--
IDO1603S	76	61.6	14.2	28	72		--
IDO1701S	74	62.1	14.1	30			--
10PN3039-02	72	60.4	12.6	29			--
XB9290	71	62.1	12.8	23			--
C.V. %	10	1.4	3.5	6	9	7	--
LSD (0.05)	11	1.1	0.6	3	8	5	--
Average	83	61.0	12.8	31	80	85	--
Highest	102	62.9	14.8	42	93	98	--
Lowest	68	56.7	11.3	23	66	72	--

**Agronomic Information**

Planting Date:	4/25/2018
Harvest Date:	8/31/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	23
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	169
P (ppm-bicarb) 2-ft sample	103
S (lb/ac) 2-ft sample	29
pH (top 6 inches)	5.2

Herbicide:

Brox M, Axial XL on 05/30/18

**Trial Notes:**

1. The Palouse nursery was located about 13 miles west of Palouse, WA.
2. Base fertilizer was 180N 20P 20S applied prior to seeding.
3. Overall yield was 11% greater than 2017, and grain test weight was 1.6 lb/bu less than last year.

**Cooperator: D. Lange**