

2018 WSU Variety Testing Hard Spring Wheat Trial, Pullman

Variety Name	2018					2 Year	3 Year	5 Year*
	Yield	Test WT	Protein	Plant HT	Head	Average	Average	Average
<i>Durum Italicized</i>	(Bu/A)	(Lbs/Bu)	(%)	(In)	Date	(Bu/A)	(Bu/A)	(Bu/A)
<b>Released Varieties</b>								
Dayn	94	60.3	13.2	36	167			
LCS Luna	92	60.0	13.4	31	170	79	84	
SY Renegade (06PN3017-09)	89	59.2	13.3	35	170	78		
WB7202CLP	88	60.8	12.6	31	166			
SY Gunsight	87	58.9	13.0	33	169	74	81	
Glee	86	59.5	13.6	37	168	75	77	73
LCS Iron	85	57.9	13.1	34	172	77	84	75
SY Selway	85	58.9	13.1	38	169	71	78	
WB9518	83	59.3	14.7	33	172	70	77	
WB9717	83	61.0	13.6	36	173			
Chet	83	61.6	13.8	48	170	73	77	73
LCS Buck Pronto	82	59.5	14.4	36	167	71	74	69
WB9350	82	57.5	13.7	28	169	69		
SY Coho	80	56.6	13.9	35	172	69	75	
Alum	78	60.6	12.9	36	171	72	78	74
<i>Soft Svevo</i>	78	60.0	14.4	32	169			
WB9668	77	61.1	15.2	31	168	66	73	
Hollis	76	59.9	13.6	47	169	65	66	64
WB9879CLP	76	59.4	14.0	37	170			
Kelse	75	59.3	14.2	37	169	69	67	65
SY605 CL	73	61.8	14.1	42	167	65	64	61
WB9662	71	59.4	15.1	34	173	64		
<b>Experimental Lines</b>								
12SB0197	99	57.1	12.2	34	170	83	90	
WA 8299 CL+	93	61.2	13.4	37	168			
12SB0224	93	57.2	12.7	34	172	80	86	
WA 8300 CL+	91	60.2	13.7	39	170			
WA 8302 CL+	90	61.7	13.0	36	167			
WA 8282	89	60.8	12.5	37	168	75		
XB9290	88	61.1	13.6	28	166			
XB9591	87	60.0	12.6	31	167			
WA 8280 CL+	85	61.8	13.3	37	171	72		
10PN3039-02	82	60.6	13.0	38	168			
WA 8301	80	60.3	13.1	36	167			
IDO1603S	76	59.7	14.3	32	168	66		
IDO1701S	75	61.5	14.1	35	168			
16-HRS-5172	74	54.5	13.2	32	172			
C.V. %	6	0.7	3.3	3	0	6	5	5
LSD (0.05)	7	0.6	0.6	1	1	4	3	2
Average	84	59.7	13.5	35	169	72	77	69
Highest	99	61.8	15.2	48	173	83	90	75
Lowest	71	55	12	28	166	64	64	61

**Agronomic Information**

Planting Date:	4/24/2018
Harvest Date:	8/30/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	23
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	72
P (ppm-bicarb) 2-ft sample	73
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.7

Herbicide:

Brox M, Axial XL on 05/22/18

**Trial Notes:**

1. The Pullman nursery was located about 3 miles east of Pullman, WA.
2. The nursery was seeded with a double disk drill. Base fertilizer was 180N 20P 20S applied prior to seeding
3. Overall yield was 40% less than 2017, and grain test weight was 0.4 lb/bu more than last year.

**Cooperator: Spillman Agronomy Farm**

\* 5-year average from 2018, 2017, 2016, 2015, 2013