

2018 WSU Variety Testing Hard Spring Wheat Trial, St. John

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>								
Released Varieties								
SY Selway	88	60.7	11.8	34	168	78	61	
Alum	85	60.7	11.9	34	170	76	61	60
WB7202CLP	84	61.9	10.5	25	167			
Dayn	84	60.9	11.2	31	167	78	62	59
SY Renegade (06PN3017-09)	81	60.6	11.4	31	169			
LCS Iron	81	60.5	10.6	30	173	77	61	59
WB9518	81	59.6	14.0	29	172	74	60	
LCS Luna	81	61.1	11.3	27	171	74	61	
SY Gunsight	80	61.4	11.1	26	169	72		
WB9350	78	60.5	11.1	24	170			
Hollis	77	60.2	13.1	44	167	67	55	55
SY Coho	77	59.5	11.3	28	172	76	60	
WB9717	76	61.8	12.2	30	174			
Chet	75	60.9	11.6	43	168	70	56	57
Glee	74	61.4	10.8	33	168	70	59	59
LCS Buck Pronto	73	60.6	12.2	32	167	67	53	54
Kelse	71	61.0	12.7	33	169	69	56	56
WB9879CLP	70	60.3	12.3	31	172	68	54	52
WB9668	67	60.7	12.6	27	168	63	53	
SY605 CL	67	61.4	11.5	37	166	62	51	49
WB9662	66	59.6	13.3	31	175			
<i>Soft Svevo</i>	65	60.3	11.1	27	167			
Experimental Lines								
12SB0197	90	58.3	10.2	30	172	85		
WA 8301	86	62.2	11.5	33	167			
WA 8282	86	61.7	10.9	32	168			
WA 8300 CL+	84	61.2	11.5	35	168			
XB9591	83	62.1	10.3	27	168			
16-HRS-5172	82	56.4	10.2	28	173			
12SB0224	82	59.1	10.8	29	174	78		
WA 8302 CL+	80	62.0	11.4	32	167			
WA 8280 CL+	78	61.8	11.6	33	171			
WA 8299 CL+	78	62.0	11.8	33	168			
XB9290	76	62.4	11.0	24	168			
IDO1603S	70	61.5	13.3	28	168			
10PN3039-02	67	61.3	10.7	31	168			
IDO1701S	66	62.9	11.8	31	167			
C.V. %	8	1.0	8.0	4	1	7	7	8
LSD (0.05)	8	0.9	1.3	2	1	5	4	3
Average	77	60.9	11.6	31	169	72	58	56
Highest	90	62.9	14.0	44	175	85	62	60
Lowest	65	56.4	10.2	24	166	62	51	49

Agronomic Information

Planting Date:	4/23/2018
Harvest Date:	8/30/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	50
P (ppm-bicarb) 2-ft sample	96
S (lb/ac) 2-ft sample	18
pH (top 6 inches)	5.3

Herbicide:

Huskie, Axial XL, Tilt on 05/31/18

Trial Notes:

1. The St. John nursery was located about 4 miles northwest of St. John, WA.
2. The nursery was fertilized prior to seeding with 80N 10S.
3. The St. John spring nursery was lost in 2017.

Cooperator: M. Mills

* 2-Year average from 2018, 2016

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

** 5-Year average from 2018, 2016, 2015, 2014, 2013