

2018 WSU Variety Testing Hard Spring Wheat Trial, Reardan

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)
Released Varieties								
Alum	44	60.4	13.3	34	172	51	58	56
SY Gunsight	42	60.2	12.2	28	173	51	57	
SY Selway	42	60.4	12.6	35	171	50	55	
WB7202CLP	42	61.1	12.7	27	172			
LCS Luna	41	60.1	13.3	28	172	48	55	
WB9350	41	59.3	13.3	25	172	48		
Dayn	41	60.9	12.3	33	171			
Chet	41	59.7	14.3	46	171	48	53	53
Kelse	41	60.3	13.9	33	171	48	53	53
Glee	40	60.9	13.6	35	171	48	54	55
SY Renegade (06PN3017-09)	40	58.9	12.9	33	172	49		
LCS Iron	40	59.4	12.6	32	174	51	60	59
SY Coho	39	57.1	13.2	30	175	46	55	
WB9717	38	61.2	12.8	31	175			
Hollis	37	59.3	14.0	46	171	44	45	48
LCS Buck Pronto	35	59.2	15.5	32	172	42	47	49
WB9668	34	58.7	16.7	29	172	42	50	
SY605 CL	34	60.7	15.0	40	171	42	44	48
WB9879CLP	33	58.2	15.2	34	173			
WB9662	33	58.4	14.8	28	175	42		
WB9518	33	58.9	14.5	28	173	42	50	
<i>Soft Svevo</i>	28	58.0	13.4	30	172			
Experimental Lines								
WA 8301	46	61.4	13.8	33	172			
12SB0197	45	59.0	12.4	30	174	53	63	
WA 8300 CL+	43	60.8	13.2	35	173			
WA 8282	43	60.9	13.4	33	171	51		
16-HRS-5172	42	57.6	12.0	31	174			
WA 8280 CL+	42	59.4	14.1	33	173	48		
WA 8302 CL+	41	60.9	13.8	34	171			
12SB0224	40	59.2	12.2	29	175	51	61	
XB9591	40	60.9	13.5	27	172			
WA 8299 CL+	40	61.4	14.0	36	171			
XB9290	39	61.2	13.1	25	172			
10PN3039-02	37	60.3	13.5	35	172			
IDO1701S	36	60.6	14.2	31	171			
IDO1603S	32	60.3	13.9	30	172	40		
C.V. %	10	1.1	3.3	4	1	7	7	7
LSD (0.05)	5	0.9	0.6	2	0	3	3	2
Average	39	59.9	13.6	32	172	47	54	53
Highest	46	61.4	16.7	46	175	53	63	59
Lowest	28	57.1	12.0	25	171	40	44	48

Agronomic Information

Planting Date:	4/26/2018
Harvest Date:	9/4/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Spring Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	71
P (ppm-bicarb) 2-ft sample	56
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	5.1

Herbicide:

Huskie, Axial XL, Tilt on 06/08/2018

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA.
2. The nursery was fertilized at seeding with 100N.
3. Overall yield was 28% less than 2017, and grain test weight was 2.5 lb/bu less than last year.

Cooperator: H. Johnson

* 5-Year average is from 2018, 2017, 2016, 2014, 2013