

2018 WSU Variety Testing Hard Spring Wheat Trial, Dayton

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								
Alum	57	57.6	11.2	30	167	50	54	46
Glee	56	59.1	11.1	30	166	48	52	46
LCS Iron	54	57.2	10.4	26	170	50	55	48
SY Gunsight	53	56.7	10.2	24	168	46	49	
WB9879CLP	52	59.0	11.6	28	168			
Kelse	51	57.1	11.4	31	166	47	50	44
WB7202CLP	51	59.2	9.8	23	167			
LCS Luna	51	56.4	10.3	26	168	47	52	47
SY Renegade (06PN3017-09)	51	59.2	10.4	28	168	46		
SY Selway	51	57.1	10.1	30	166	45	50	
Chet	50	57.3	11.1	35	166	46	49	44
WB9350	49	55.2	11.1	22	167	42		
LCS Buck Pronto	49	56.7	12.0	27	166	43	45	40
Dayn	48	59.9	9.4	29	165			
WB9717	47	58.5	10.1	26	170			
Hollis	47	53.0	11.6	38	166	43	43	40
WB9518	46	57.8	12.2	25	169	41	44	
SY Coho	46	54.6	10.9	27	168	41	47	
SY605 CL	44	59.6	11.0	31	166	41	45	38
WB9668	43	56.9	12.6	24	167	39	44	
<i>Soft Svevo</i>								
WB9662	41	55.6	12.8	26	173	39		
Experimental Lines								
12SB0197	58	57.3	9.3	26	169	52	58	
WA 8301	57	59.9	10.4	30	166			
WA 8282	55	58.8	9.5	28	166	49		
WA 8302 CL+	54	57.8	10.7	30	166			
WA 8280 CL+	53	56.8	9.7	28	167	47		
XB9591	51	59.3	10.4	25	167			
XB9290	50	59.5	10.9	22	167			
WA 8300 CL+	49	57.1	10.7	30	167			
12SB0224	49	57.1	9.3	26	169	48	52	
WA 8299 CL+	48	60.1	11.5	28	165			
10PN3039-02	47	58.1	10.9	27	167			
16-HRS-5172	47	49.2	10.1	26	170			
IDO1603S	46	56.8	11.3	25	166	42		
IDO1701S	43	57.3	10.8	26	167			
C.V. %	8	3.4	5.9	4	1	6	6	7
LSD (0.05)	5	2.7	0.9	2	0	3	2	2
Average	50	57.4	10.8	27	167	45	49	44
Highest	58	60.1	12.8	38	173	52	58	48
Lowest	41	49.2	9.3	22	165	39	43	38

Agronomic Information

Planting Date:	4/23/2018
Harvest Date:	8/23/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	63
P (ppm-bicarb) 2-ft sample	57
S (lb/ac) 2-ft sample	14
pH (top 6 inches)	5.5

Herbicide: Huskie, Axial XL, Tilt on 06/05/18

Trial Notes:

1. The Dayton nursery was located about 10 miles northwest of Dayton, WA.
2. The cooperator fertilized the trial prior to seeding.
3. Overall yield was 28% more than 2017, and grain test weight was 2.5 lb/bu less than last year.

Cooperator: J. Penner