

2018 WSU Variety Testing Hard Spring Wheat Trial, Farmington

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								
Dayn	88	60.7	10.2	35	177			
Hollis	86	59.6	12.4	48	178	68	70	66
Glee	86	60.8	10.6	37	177	70	76	72
Alum	86	59.3	11.6	36	179	67	71	68
SY Renegade (06PN3017-09)	84	60.0	10.5	35	180	67		
SY Gunsight	82	60.7	10.5	30	177	65	71	
WB7202CLP	81	59.0	11.0	29	174			
Chet	81	61.3	11.1	48	177	65	71	68
LCS Iron	80	59.2	11.1	34	184	66	72	70
SY Selway	79	60.1	10.4	36	178	65	72	
WB9717	77	62.2	10.9	33	184			
LCS Luna	76	60.0	11.6	30	181	62	67	66
WB9350	76	59.0	10.6	26	178	60		
WB9668	75	60.2	13.1	30	176	59	63	
SY Coho	75	58.0	11.6	32	182	58	68	
SY605 CL	74	61.0	12.2	42	176	61	64	65
Kelse	72	59.3	12.4	35	179	60	65	64
LCS Buck Pronto	71	60.4	11.6	34	177	58	63	62
<i>Soft Svevo</i>	71	59.7	11.1	32	178			
WB9879CLP	69	60.1	11.8	35	180			
WB9518	65	59.9	11.3	30	183	57	63	
WB9662	59	57.4	13.2	29	186	52		
Experimental Lines								
16-HRS-5172	86	57.6	10.2	33	182			
WA 8282	86	61.5	10.6	36	177	69		
12SB0197	86	58.3	9.9	32	181	68	77	
WA 8302 CL+	84	61.4	11.8	36	176			
12SB0224	83	58.8	10.4	31	180	67	72	
WA 8300 CL+	82	60.9	11.0	37	180			
WA 8299 CL+	82	62.2	11.0	38	178			
WA 8280 CL+	78	60.9	11.3	34	180	62		
XB9591	78	61.1	10.4	29	177			
10PN3039-02	78	60.5	10.8	36	177			
WA 8301	76	61.0	11.3	35	176			
XB9290	75	61.3	10.7	26	175			
IDO1701S	74	62.1	11.4	33	176			
IDO1603S	74	61.2	11.5	32	176	58		
C.V. %	6	0.9	6.3	3	1	6	7	7
LSD (0.05)	7	0.8	1.0	1	3	4	4	3
Average	78	60.2	11.2	34	179	63	69	67
Highest	88	62.2	13.2	48	186	70	77	72
Lowest	59	57.4	9.9	26	174	52	63	62

Agronomic Information

Planting Date:	4/30/2018
Harvest Date:	8/30/2018
Seeding Rate (seeds/ft ²):	23
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	53
P (ppm-bicarb) 2-ft sample	86
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.4

Herbicide:

Huskie, Tilt on 05/31/18

Trial Notes:

1. The Farmington nursery was located about 5 miles south of Farmington, WA.
2. The nursery was fertilized at 100N 20S. An additional 40N was applied to hard trial.
3. Overall yield was 66% more than 2017, and grain test weight was 1.0 lb/bu more than last year.

Cooperator: B. Nelson