

2018 WSU Variety Testing Soft Spring Wheat Trial, Dayton

Variety Name <i>Club Italicized</i>	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)
Released Varieties								
Ryan	63	58.7	9.2	28	167	55	58	51
WB6341	60	59.5	8.7	27	167	49	55	48
Louise	60	58.3	9.1	33	168	51	54	47
<i>Melba</i>	59	56.4	8.5	27	169	51	58	49
<i>JD</i>	57	59.2	9.7	31	167	49	53	46
Whit	56	59.1	9.1	29	168	50	54	47
Diva	55	57.6	7.7	31	169	49	53	46
WB6121	55	59.0	10.0	27	167	47	52	
Seahawk	53	58.2	7.8	27	170	49	52	46
WB-1035CL+	53	57.4	9.8	27	167	45	48	42
Babe	51	58.0	9.0	29	168	46	50	44
Tekoa	51	59.6	8.4	29	169	49	50	43
SY Saltese	50	56.8	9.4	29	166	44	50	
Experimental Lines								
WA 8277	62	59.7	9.6	31	166	55		
08PN2001-07	60	56.9	8.3	31	168			
WA 8266 CL+	58	57.9	9.3	30	170	49	56	
<i>WA 8295 CL+</i>	57	59.3	9.5	31	168			
WA 8297 CL+	57	57.8	10.1	26	168			
WA 8296 CL+	56	59.8	8.5	29	168			
14-SW-1059	55	54.2	9.6	28	173	49	56	
WA 8298 CL+	53	57.7	9.3	33	167			
14-FAC-2043	52	55.3	8.9	29	169	46		
IDO1403S	47	55.6	10.0	27	168	42		
11PN2532-507	41	56.5	9.5	32	167			
C.V. %	7	2.5	5.9	3	1	6	6	6
LSD (0.05)	5	2.0	0.7	1	0	3	2	2
Average	55	57.9	9.1	29	168	49	53	46
Highest	63	59.8	10.1	33	173	55	58	51
Lowest	41	54.2	7.7	26	166	42	48	42

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

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 31% more than 2017, and grain test weight was 1.7 lb/bu less than last year.

Cooperator: J. Penner

Herbicide:

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