

2016 WSU Variety Testing SW Spring Wheat Trial, Dayton

Variety Name <i>Club Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
<i>Melba</i>	72	62.7	9.5	29	161	50	48	
Ryan (WA 8214)	66	61.9	9.7	30	157	49	49	
WB6341	66	61.1	9.4	27	158	48	47	
UI-Stone	64	62.8	10.2	30	157	47	44	47
WB6121	63	62.5	10.4	27	157	47		
Whit	62	61.9	9.6	29	158	47	45	49
<i>JD</i>	62	63.3	10.0	31	161	46	44	47
SY Saltese (SY 04PN3024-2)	61	62.7	9.3	31	155			
Louise	60	62.2	9.8	33	159	44	44	48
Diva	59	62.5	9.9	33	159	44	43	48
Babe	59	62.5	10.1	32	159	44	42	46
Seahawk	59	62.4	11.3	32	162	45	44	48
WB-1035CL+	55	61.3	11.2	26	156	42	40	43
Tekoa (WA 8189)	52	63.0	9.8	32	161	37	39	
EXPERIMENTAL LINES								
WA 8266 CL+	70	62.7	9.9	32	161			
14-SW-1059	69	60.5	10.9	30	164			
14-SW-1030	68	60.7	10.8	32	163			
WA 8265 CL+	66	62.7	9.8	33	161			
12-SW-068	65	60.5	11.1	28	158	48		
WA 8253	63	62.0	10.0	29	159			
<i>WA 8236 CL+</i>	62	62.4	10.6	30	160	44		
WA 8254	61	62.4	9.5	28	158			
YS-602	61	61.3	11.0	31	160			
WA 8255	58	62.9	9.9	31	160			
C.V. %	5	0	4	4	1	5	5	5
LSD (0.05)	4	0.3	0.6	2	1	3	2	2
Average	62	62.1	10.2	30	159	45	44	47
Highest	72	63.3	11.3	33	164	50	49	49
Lowest	52	60.5	9.3	26	155	37	39	43

Agronomic Information

Planting Date: 4/12/2016
 Harvest Date: 8/24/2016
 Seeding Rate (lbs/acre): 80
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 57
 P (ppm-bicarb) 2-ft sample 69
 S (lb/ac) 2-ft sample 19
 pH (top six inches) 5.78
 Herbicide:
 Huskie & Tilt applied on 5/6

Trial Notes:

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. Fertilizer applied prior to planting (after the soil sample) was: 100#N, 15#P, 20#S.
3. One fungicide application kept stripe rust under control

Cooperator: J. Penner