

2017 WSU Variety Testing SW Spring Wheat Trial, Dayton

Variety Name <i>Club Italicized</i>	2017					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								
Ryan (WA 8214)	46	59.8	11.7	27	170	56	48	
Tekoa (WA 8189)	46	60.9	11.5	28	174	49	40	42
Seahawk	45	61.1	11.9	24	176	52	45	45
Whit	44	59.4	12.1	27	170	53	46	46
<i>Melba</i>	43	60.5	11.4	24	176	58	48	49
Diva	43	59.6	11.7	29	172	51	44	45
Louise	42	58.1	11.8	31	173	51	43	45
<i>JD</i>	41	61.4	12.2	26	175	51	44	45
WB6430	40	61.4	11.2	22	171			
Babe	40	59.2	12.0	27	174	49	43	43
WB6121	39	60.3	12.6	25	169	51	45	
WB6341	39	59.0	11.1	25	169	52	45	
SY Saltese (SY 04PN3024-2)	39	59.4	11.2	29	168	50		
WB-1035CL+	37	58.9	14.0	26	170	46	40	41
EXPERIMENTAL LINES								
WA 8277	49	61.1	11.8	28	172			
WA 8278	45	58.5	11.8	28	175			
14-SW-1059	43	57.7	13.4	27	175	56		
14-SW-1030	42	58.9	13.8	28	176	55		
YS-603	42	60.9	13.4	29	171			
14-FAC-2043	40	58.1	12.8	27	174			
WA 8266 CL+	40	59.0	12.1	28	175	55		
WA 8236 CL+	39	60.6	12.4	25	174	50	42	
WA 8265 CL+	38	57.8	12.2	28	176	52		
IDO1403S	36	59.6	12.8	24	173			
C.V. %	4	1	3	4	1	5	5	5
LSD (0.05)	2	0.6	0.6	1	1	2	2	1
Average	42	59.6	12.2	27	173	52	44	45
Highest	49	61.4	14.0	31	176	58	48	49
Lowest	36	57.7	11.1	22	168	46	40	41

Agronomic Information

Planting Date: 4/28/2017
 Harvest Date: 8/16/2017
 Seeding Rate (seeds/ft²): 20
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 55
 P (ppm-bicarb) 2-ft sample 84
 S (lb/ac) 2-ft sample 35
 pH (top six inches) 5.51

Herbicide:

Affinity, Huskie, Dagger MCPA & Tilt applied on 6/6

Trial Notes:

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Base fertilizer applied prior to planting (not accounted for in soil sample) was: 125#N, 15#P, 20#S.
3. One fungicide application kept stripe rust under control.

Cooperator: J. Penner