

2016 WSU Variety Testing SW Spring Wheat Trial, Fairfield

Variety Name <i>Club Italicized</i>	2016				2 Year*	3 Year**	5 Year***
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES							
Diva	58	61.7	10.1	33	66	68	66
Tekoa (WA 8189)	57	60.7	9.7	32	70	73	
WB6341	55	58.7	9.4	27	69		
Ryan (WA 8214)	55	60.1	9.9	29	70		
Seahawk	53	61.3	10.5	30	65	65	
Whit	52	60.7	10.1	31	72	68	68
WB6121	52	61.5	11.3	28			
Louise	49	61.3	10.2	32	60	67	67
SY Saltese (SY 04PN3024-2)	45	61.5	10.1	31			
JD	44	61.6	10.6	31	57	60	62
Melba	43	61.2	10.7	27	57	55	
WB-1035CL+	43	60.0	11.1	28	59	61	58
Babe	41	60.5	9.8	31	62	64	64
UI-Stone	39	60.8	10.4	29	57	56	
EXPERIMENTAL LINES							
14-SW-1059	58	58.8	10.6	30			
12-SW-068	52	59.1	10.6	29			
14-SW-1030	51	59.0	11.3	32			
WA 8266 CL+	49	61.5	10.2	30			
WA 8265 CL+	48	61.1	10.1	34			
WA 8254	45	60.9	10.5	29			
WA 8253	42	60.8	10.5	29			
WA 8255	41	62.2	10.3	31			
YS-602	39	59.3	10.9	29			
WA 8236 CL+	33	61.5	11.8	28			
C.V. %	10	0	5	5	8	8	7
LSD (0.05)	7	0.4	0.7	2	5	4	3
Average	48	60.7	10.4	30	64	64	64
Highest	58	62.2	11.8	34	72	73	68
Lowest	33	58.7	9.4	27	57	55	58

Agronomic Information

Planting Date: 5/2/2016
 Harvest Date: 9/14/2016
 Seeding Rate (lbs/acre): 90
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 75
 P (ppm-bicarb) 2-ft sample 62
 S (lb/ac) 2-ft sample 56
 pH (top six inches) 5.51
 Herbicide:
 Huskie & Tilt applied on 6/1

Trial Notes:

1. The Fairfield nursery was located about 1/2 mile south of Rockford, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Base fertilizer applied was 90#N and 15#S.
3. Hessian fly infestation was very high (although not uniform across the trial) at this location and yield of susceptible varieties was impacted. Hessian fly also accounts for the higher than normal variation in the trial.

Cooperator: B. LaShaw

* 2-Year average from 2016 & 2014

** 3-Year average from 2016, 2014, 2013

*** 5-Year average from 2016, 2014, 2013, 2012, 2011