WASHINGTON STATE UNIVERSITY EXTENSION

2017 WSU Variety Testing SW Spring Wheat Trial, Farmington

Variety Name *Club Italicized*	2017 YIELD (BU/A)	2017 TEST WT (LBS/BU)	2017 PROTEIN (%)	2017 PLANT HT	2 Year AVERAGE (BU/A)	3 Year AVERAGE (BU/A)	5 Year AVERAGE (BU/A)
RELEASED VARIETIES							
Whit	**66**	60.2	9.6	31	80	78	79
Diva	**65**	58.4	9.5	34	80	81	78
Ryan (WA 8214)	**63**	59.7	9.4	31	82	83	
Babe	**63**	59.4	9.6	32	77	78	79
Seahawk	61	60.6	10.6	30	78	77	78
WB6341	60	58.8	9.2	29	80	77	
WB6121	59	59.7	10.4	29	74	74	
Tekoa (WA 8189)	59	60.3	10.0	31	81	80	82
SY Saltese (SY 04PN3024-2)	58	60.3	9.4	33	80		
Louise	57	58.1	9.5	33	76	75	73
WB6430	57	60.3	9.6	26			
JD	56	60.6	9.7	33	73	75	76
WB-1035CL+	56	57.8	11.1	28	67	68	72
Melba	54	58.7	9.4	29	77	77	81
EXPERIMENTAL LINES							
WA 8278	**68**	58.5	9.2	32			
WA 8277	**63**	**61.9**	9.8	34			
YS-603	57	**61.0**	10.6	31			
14-FAC-2043	57	55.8	10.8	30			
WA 8236 CL+	54	60.6	10.1	33	74	74	
WA 8266 CL+	54	58.1	10.1	31	78		
WA 8265 CL+	53	57.9	9.9	32	73		
IDO1403S	52	60.3	9.7	27			
14-SW-1030	52	57.5	10.7	32	73		
14-SW-1059	49	57.8	10.8	30	73		
C.V. %	7	1	6	4	6	6	6
LSD (0.10)	5	0.9	0.7	1	4	3	2
Average	58	59.3	9.9	31	77	77	78
Highest	68	61.9	11.1	34	82	83	82
Lowest	49	55.8	9.2	26	67	68	72

Agronomic Information

Planting Date: 5/10/2017
Harvest Date: 9/5/2017
Seeding Rate (seeds/ft^2): 22
Previous Crop: Winter Wheat
Spring soil test:
N (lb/ac) 4-ft sample 74
P (ppm-bicarb) 2-ft sample 41
S (lb/ac) 2-ft sample 16
pH (top six inches) 5.81
Herbicide:
Huskie & Tilt applied at herbicide timing

Trial Notes:

1. The Farmington nursery was located about 4 miles southwest of Farmington, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Preplant fertilizer applied was 93#N.
3. Note that this location had a highly significant rep effect. Meaning, yields increased from one rep to another (for all entries). This trend was consistent across the trial and the data are still usable.
4. Hessian fly was easy to find in this trial and likely impacted yield of susceptible entries.

Cooperator: B. Nelson