

2017 WSU Variety Testing SW Spring Wheat Trial, Moses Lake

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	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Babe	144	62.0	12.4	42	159	37	120	129	118
Tekoa (WA 8189)	141	62.1	12.3	42	161	0	138	140	
WB6341	136	62.9	10.8	41	159	0	122	128	
<i>Melba</i>	135	62.0	11.3	42	161	3	133	137	
WB6430	132	61.9	11.7	37	159	3			
Ryan (WA 8214)	129	61.5	12.0	40	158	27	120	127	
WB-1035CL+	129	62.8	13.5	41	158	0	109	116	112
WB6121	128	62.8	12.5	39	158	0	116		
SY Saltese (SY 04PN3024-2)	125	62.4	12.4	42	158	48	119		
Whit	122	61.8	12.6	42	158	30	120	125	113
Louise	113	59.8	12.2	45	161	80	113	126	113
Seahawk	113	60.7	12.6	44	161	62	121	126	113
Diva	101	60.0	12.3	45	161	85	109	119	106
EXPERIMENTAL LINES									
YS-603	138	62.3	12.6	43	159	0			
14-SW-1030	131	58.4	13.1	46	162	25	132		
14-SW-1059	131	58.8	12.8	45	162	8	130		
14-FAC-2019	125	59.0	13.0	43	162	47			
IDO1403S	121	61.0	11.8	42	159	18			
WA 8278	119	60.5	12.1	44	161	72			
WA 8265 CL+	117	58.9	12.1	44	161	77	116		
14-FAC-2043	117	57.7	12.9	43	161	47			
WA 8266 CL+	109	59.7	12.0	42	161	62	110		
<i>WA 8236 CL+</i>	103	62.1	13.2	44	160	70	103		
WA 8277	102	63.0	13.2	46	158	78			
C.V. %	6	1	2	2	0	36	6	6	8
LSD (0.05)	11	0.9	0.3	1	1	18	7	6	5
Average	123	61.0	12.4	43	160	37	119	127	113
Highest	144	63.0	13.5	46	162	85	138	140	118
Lowest	101	57.7	10.8	37	158	0	103	116	106

Agronomic Information

Planting Date:	3/28/2016
Harvest Date:	8/7/2017
Seeding Rate (seeds/ft ²):	25
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	185
P (ppm-bicarb) 2-ft sample	79
S (lb/ac) 2-ft sample	131
pH (top foot)	6.3

Herbicide:

Goldsky and Affinity applied on 5/12; Quadris Xcel and Dimethoate applied on 5/26; Govern applied on 6/23

Trial Notes:

1. The Moses Lake nursery was located about miles east of Moses Lake. All yield and test weight values within the 5% range of the highest value are shown in bold.
2. Preplant fertilizer (not accounted for in soil sample) was 180#N. An additional 100#N and 10#S was applied after planting.
3. The cooperater did a wonderful job of managing this location for high production. Stripe rust and other pests were well controlled.
4. Other than lodging in some entries, this was a good, uniform trial.

Cooperator: N & J Getzinger

* 3-Year average from 2017, 2016, 2014

** 5-Year average from 2017, 2016, 2014, 2013, 2012