

2017 WSU Variety Testing Hard Spring Wheat Trial, Reardan

Variety Name	2017				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							
LCS Iron (11SB0096)	62	60.8	12.9	28	71	58	
SY Gunsight (06PN3015-08)	60	63.0	12.2	27	65		
WB9411	58	63.1	13.1	28			
Alum	58	63.3	13.1	31	65	52	58
SY Selway (04PN3001-2)	58	61.3	13.1	31	62		
Glee	56	63.1	12.5	32	60	50	60
Chet	55	62.9	13.7	41	59	49	56
WB9350	55	62.5	13.2	22			
Kelse	55	62.4	13.4	33	58	47	56
LCS Luna (10SB0087-B)	55	62.5	13.1	26	62	51	
SY Coho (04W40292R)	54	60.8	13.6	29	63		
SY Steelhead	53	63.3	14.8	31	60	49	
WB9229	53	63.4	14.0	26	63		
WB9518	51	62.7	15.1	27	59		
Hollis	51	60.6	14.4	42	48	42	51
WB9668	50	62.7	15.2	27	58		
SY605 CL	50	62.7	14.3	33	49	43	53
WB9662	50	61.9	15.7	29			
LCS Buck Pronto	50	62.0	13.8	31	53	44	54
WB9200	48	62.8	15.9	28	52		
EXPERIMENTAL LINES							
12SB0224	62	61.9	11.3	26	72		
12SB0197	61	60.8	12.9	28	72		
12SB0199	61	60.9	12.4	28	70		
WA 8279 CL+	58	62.7	12.9	30			
WA 8282	58	63.1	13.0	31			
06PN3017-09	57	62.0	12.9	31			
WA 8281	57	63.4	13.7	32			
XA9861	57	64.0	12.4	29			
500-709	54	62.6	13.6	26			
WA 8261	54	62.9	12.8	33	57		
WA 8280 CL+	53	63.3	13.6	30			
WA 8259	51	63.2	14.1	33	57		
WQL17SSV16882-3 (Durum)	50	62.5	11.8	27			
501-089	50	61.4	12.2	24			
IDO1603S	49	61.9	14.6	28			
WQL18SALZ-1 (Durum)	45	61.6	13.3	29			
C.V. %	5	0	5	4	6	6	7
LSD (0.05)	4	0.4	0.9	2	3	2	3
Average	54	62.4	13.5	30	61	48	56
Highest	62	64.0	15.9	42	72	58	60
Lowest	45	60.6	11.3	22	48	42	51

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Agronomic Information

Planting Date: 4/24/2017
Harvest Date: 9/12/2017
Seeding Rate (seeds/ft²): 20
Previous Crop: Chickpeas
Spring soil test:
 N (lb/ac) 4-ft sample 47
 P (ppm-bicarb) 2-ft sample 48
 S (lb/ac) 2-ft sample 23
 pH (top six inches) 5.5
Herbicide:
Huskie, Tilt applied on 6/20

Trial Notes:

- 1.** The Reardan nursery was located about 7 miles west of Reardan, WA . All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** This is a no-till location and fertilizer applied at planting (not accounted for in the soil sample) was: 165#N, 11#P, 11#S.
- 3.** This trials seemed to handle the heat better than others, producing good TW and decent yields.

Cooperator: H. Johnson

* 3-Year average from 2017, 2016, 2014

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