

2017 WSU Variety Testing Hard Spring Wheat Trial, Palouse

Variety Name	2017			2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES						
Chet	84	63.8	12.2	89	--	--
Alum	82	63.2	11.5	89	--	--
LCS Iron (11SB0096)	81	60.7	11.0	90	--	--
SY Gunsight (06PN3015-08)	81	63.2	11.0	88	--	--
Glee	77	63.1	11.8	91	--	--
Hollis	77	61.7	11.8	83	--	--
LCS Buck Pronto	77	62.4	12.9	86	--	--
SY Selway (04PN3001-2)	76	61.4	11.6	82	--	--
WB9411	75	62.6	11.8		--	--
WB9350	74	62.9	11.7		--	--
SY Steelhead	74	63.3	12.3	85	--	--
SY Coho (04W40292R)	72	61.7	11.9	88	--	--
Kelse	71	63.5	12.7	79	--	--
WB9229	70	63.2	12.5	83	--	--
LCS Luna (10SB0087-B)	69	62.9	12.7	84		
WB9518	68	63.5	12.7	87	--	--
SY605 CL	68	62.5	11.9	74	--	--
WB9668	66	64.0	13.1	82	--	--
WB9662	59	62.7	11.9		--	--
WB9200	58	64.3	13.1	79	--	--
EXPERIMENTAL LINES						
WA 8282	87	63.8	11.4		--	--
12SB0197	86	60.8	11.0	96	--	--
12SB0199	86	60.6	10.8	96	--	--
06PN3017-09	86	62.2	11.5		--	--
WA 8279 CL+	82	62.8	9.4		--	--
WA 8259	80	63.6	12.1	86	--	--
WA 8280 CL+	80	63.3	12.0		--	--
WA 8281	78	63.9	12.2		--	--
XA9861	76	64.4	10.7		--	--
500-709	76	62.2	11.5		--	--
12SB0224	76	61.5	11.6	90	--	--
WA 8261	76	63.1	11.6	87	--	--
501-089	74	61.3	12.0		--	--
WQL17SSV16882-3 (Durum)	73	61.5	11.8		--	--
IDO1603S	67	62.3	12.5		--	--
WQL18SALZ-1 (Durum)	63	61.5	12.5		--	--
C.V. %	8	1	4	6	--	--
LSD (0.05)	10	0.6	0.8	5	--	--
Average	75	62.6	11.8	86	--	--
Highest	86	64.4	13.1	96	--	--
Lowest	58	60.6	9.4	74	--	--

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Agronomic Information

Planting Date: 5/4/2017
Harvest Date: 8/24/2017
Seeding Rate (seeds/ft²): 22
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 98
 P (ppm-bicarb) 2-ft sample 142
 S (lb/ac) 2-ft sample 43
 pH (top six inches) 5.53
Herbicide:
Huskie, Axial XL & Tilt applied on 6/9

Trial Notes:

- 1.** The Palouse nursery was located about 7 miles west of Palouse, WA. All yield, test weight and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** This was a new location in 2016 so there are no 3- or 5-year averages.
- 3.** Preplant fertilizer applied was 80#N and 10#S. No additional fertilizer was applied.
- 4.** Data presented are from two reps only. The third rep was dropped due to a bad spot in the field causing inconsistencies between reps.

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