

2017 WSU Variety Testing Hard Spring Wheat Trial, Endicott

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							
Alum	43	62.1	15.8	31	--	--	--
LCS Luna (10SB0087-B)	41	61.8	15.3	27	--	--	--
Chet	41	62.4	16.1	35	--	--	--
WB9411	38	61.7	15.3	27	--	--	--
LCS Iron (11SB0096)	37	59.5	14.2	26	--	--	--
Hollis	36	60.1	17.3	37	--	--	--
Glee	36	61.7	15.7	30	--	--	--
SY Coho (04W40292R)	35	58.0	16.6	27	--	--	--
SY Selway (04PN3001-2)	34	60.4	15.3	31	--	--	--
WB9518	33	61.5	16.6	26	--	--	--
LCS Buck Pronto	33	59.8	17.0	30	--	--	--
WB9229	33	61.3	15.9	25	--	--	--
WB9662	32	59.9	17.2	27	--	--	--
SY Gunsight (06PN3015-08)	31	61.8	14.1	24	--	--	--
Kelse	30	63.3	13.9	30	--	--	--
SY605 CL	29	63.4	13.8	29	--	--	--
WB9200	29	64.6	14.7	26	--	--	--
SY Steelhead	29	64.1	13.6	27	--	--	--
WB9350	29	62.2	13.0	22	--	--	--
WB9668	22	64.2	15.7	23	--	--	--
EXPERIMENTAL LINES							
12SB0224	45	60.1	14.7	24	--	--	--
12SB0197	43	58.9	14.5	26	--	--	--
WA 8280 CL+	43	63.1	15.2	30	--	--	--
12SB0199	41	59.1	15.0	29	--	--	--
WA 8282	39	62.5	15.2	29	--	--	--
WA 8279 CL+	38	61.4	15.5	31	--	--	--
WA 8261	37	62.7	16.7	31	--	--	--
501-089	35	58.7	15.5	22	--	--	--
XA9861	35	64.3	13.0	27	--	--	--
500-709	35	60.6	15.0	25	--	--	--
WA 8259	35	61.9	17.1	31	--	--	--
WA 8281	33	62.6	16.2	29	--	--	--
06PN3017-09	32	61.8	13.2	29	--	--	--
IDO1603S	32	62.8	15.1	27	--	--	--
WQL17SSV16882-3 (Durum)	25	62.5	13.3	25	--	--	--
WQL18SALZ-1 (Durum)	17	60.9	14.8	25	--	--	--
C.V. %	10	2	6	6	--	--	--
LSD (0.05)	6	2.0	1.5	3	--	--	--
Average	34	61.6	15.2	28	--	--	--
Highest	45	64.6	17.3	37	--	--	--
Lowest	17	58.0	13.0	22	--	--	--

Continued on page 2

Agronomic Information

Planting Date: 4/14/2017
Harvest Date: 8/22/2017
Seeding Rate (seeds/ft²): 20
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 138
 P (ppm-bicarb) 2-ft sample 110
 S (lb/ac) 2-ft sample 40
 pH (top six inches) 5.51
Herbicide:
Huskie & Tilt applied on 5/25

Trial Notes:

- 1.** The Endicott nursery was located about 3 miles southwest of Endicott, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Fertilizer applied prior to planting (after the soil sample) was: 70#N.
- 3.** This location had higher than normal variation for yield across replications. The third rep was not included in analysis and data presented above is only from two reps.
- 4.** No long term averages because the 2016 & 2015

Cooperator: M. Miller