

2017 WSU Variety Testing Hard Spring Wheat Trial, Almira

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							
Chet	42	62.0	11.5	37	49	--	--
Glee	39	63.1	10.1	29	49	--	--
SY Selway (04PN3001-2)	38	59.9	10.8	30	50	--	--
LCS Iron (11SB0096)	37	61.6	10.0	24	51	--	--
Hollis	36	61.5	11.2	36	41	--	--
SY Gunsight (06PN3015-08)	36	62.7	10.3	25	48	--	--
Alum	35	61.2	10.2	29	52	--	--
SY605 CL	35	62.3	10.7	32	41		
SY Coho (04W40292R)	35	60.1	11.4	26	48	--	--
LCS Luna (10SB0087-B)	33	62.3	10.6	25	45	--	--
LCS Buck Pronto	33	62.0	11.6	28	41	--	--
WB9668	33	63.1	13.6	24	40	--	--
WB9411	32	60.9	12.1	25		--	--
WB9350	32	61.8	11.0	20		--	--
SY Steelhead	31	64.1	11.2	27	44	--	--
WB9518	30	63.4	12.7	25	41	--	--
WB9229	30	62.9	11.2	25	44	--	--
Kelse	29	62.1	12.9	29	44	--	--
WB9200	29	64.8	11.6	24	40	--	--
WB9662	27	62.5	11.7	23		--	--
EXPERIMENTAL LINES							
WA 8281	38	63.2	10.7	29		--	--
WA 8259	38	62.8	11.5	30	45	--	--
IDO1603S	37	61.5	11.8	26		--	--
06PN3017-09	37	61.2	11.1	27		--	--
WA 8280 CL+	37	63.4	10.1	28		--	--
12SB0199	36	61.1	9.0	25	50	--	--
WA 8261	35	62.3	11.0	30	43	--	--
WA 8282	34	61.6	10.4	27		--	--
WA 8279 CL+	34	61.7	11.6	26		--	--
12SB0224	33	60.7	9.9	24	49	--	--
12SB0197	33	60.1	10.8	24	51	--	--
XA9861	32	63.3	10.5	24			
501-089	30	61.8	10.5	20		--	--
WQL17SSV16882-3 (Durum)	30	60.9	10.4	25		--	--
WQL18SALZ-1 (Durum)	29	61.3	11.8	27		--	--
500-709	27	62.4	10.1	22		--	--
C.V. %	11	2	10	5	11		
LSD (0.10)	4	1.4	1.1	1	3		
Average	34	62.0	11.0	27	46		
Highest	42	64.8	13.6	37	52		
Lowest	27	59.9	9.0	20	40		

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Agronomic Information

Planting Date: 5/8/2017
Harvest Date: 9/12/2017
Seeding Rate (lbs/acre): 20
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 41
 P (ppm-bicarb) 2-ft sample 58
 S (lb/ac) 2-ft sample 25
 pH (top six inches) 5.71
Herbicide:
Huskie & Tilt applied on, 6/20.

Trial Notes:

- 1.** The Almira nursery was located about 11 miles north of Almira, WA . All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Base fertilizer (applied after soil test) was 80#N and 15#S.
- 3.** It should be noted that this location had higher than normal variation for yield across replications. Data reflect the difficult year we experienced for spring wheat.

Cooperator: M. Sorensen

* No long-term averages because the 2015 & 2014 trials were not published.