

2017 WSU Variety Testing Hard Spring Wheat Trial, Lind

Variety Name	2017					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
LCS Iron (11SB0096)	27	60.9	15.9	25	159	34	30	25
LCS Luna (10SB0087-B)	25	62.1	15.9	25	158	33	29	
Chet	24	62.4	16.7	30	158	34	30	26
SY Gunsight (06PN3015-08)	23	62.9	16.2	23	158	32		
Alum	23	62.8	16.4	27	158	34	30	27
SY Coho (04W40292R)	22	61.8	16.0	24	158	32	28	
Hollis	22	61.7	16.0	31	157	31	27	24
Kelse	22	62.8	17.1	31	158	31	27	24
Glee	21	62.4	16.4	28	155	31	28	24
WB9229	21	62.8	17.0	23	156	31	28	
SY Selway (04PN3001-2)	20	60.2	16.0	28	156	31	27	
WB9411	19	63.4	16.2	23	155			
SY Steelhead	19	63.3	17.1	24	159	30	26	
LCS Buck Pronto	19	62.6	17.6	26	154	27	24	22
SY605 CL	19	62.5	16.5	26	154	28	25	22
WB9668	17	61.7	18.7	23	155	26	24	
WB9518	17	61.7	18.4	23	155	24	23	
WB9662	16	60.8	17.0	25	156			
WB9350	16	60.2	16.7	20	154			
WB9200	15	62.4	17.2	22	154	23		
EXPERIMENTAL LINES								
12SB0199	27	62.0	15.0	24	158	38		
12SB0197	27	61.1	15.9	24	159	40		
12SB0224	25	61.5	16.1	24	157	36		
WA 8279 CL+	25	62.3	16.6	26	156			
06PN3017-09	23	62.5	15.3	26	156			
WA 8280 CL+	22	61.7	17.2	27	160			
WA 8281	22	63.6	17.0	27	155			
WA 8282	21	63.1	16.4	26	157			
WA 8261	21	62.5	16.0	28	155	31		
501-089	20	62.8	14.3	20	155			
XA9861	20	62.8	14.6	23	158			
WA 8259	20	61.4	17.7	29	156	30		
IDO1603S	19	61.0	16.2	24	154			
500-709	18	61.6	15.4	22	156			
WQL17SSV16882-3 (Durum)	18	62.2	15.3	24	158			
WQL18SALZ-1 (Durum)	16	61.2	15.2	24	158			
C.V. %	8	1	2	3	0	8	8	8
LSD (0.05)	2	1.2	0.4	1	1	2	2	1
Average	21	62.1	16.4	25	156	31	27	24
Highest	27	63.6	18.7	31	160	40	30	27
Lowest	15	60.2	14.3	20	154	23	23	22

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Agronomic Information

Planting Date: 3/23/2017
Harvest Date: 7/31/2017
Seeding Rate (seeds/ft²): 15
Previous Crop: Fallow
N (lb/ac) 4-ft sample 103
P (ppm-bicarb) 1-ft sample 31
S (lb/ac) 2-ft sample 20
pH (top foot) 6.04

Herbicide:

Affinity Broadspec, Huskie, Dagger MCPA, Tilt applied on 5/17

Trial Notes:

1. The Lind nursery was located on the WSU Lind Dryland Experiment Station. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. 50#N and 20#S were applied in summer of 2016. An additional 20#N was applied prior to planting.
3. A delayed seeding date coupled with hot weather reduced yield potential and increased protein. Despite the lower yield, test weights were generally high.

Cooperator: WSU Lind Dryland Experiment Station