

2017 WSU Variety Testing Hard Spring Wheat Trial, Horse Heaven

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							
SY Selway (04PN3001-2)	48	60.3	12.6	32	32	28	
WB9411	44	63.5	12.8	28			
LCS Iron (11SB0096)	43	59.6	13.2	28	31	27	29
Glee	42	62.9	13.1	31	32	27	27
SY Coho (04W40292R)	42	62.2	13.5	27	33	27	
SY Gunsight (06PN3015-08)	42	57.8	13.1	28	30		
WB9350	41	62.4	12.6	23			
Alum	41	61.4	13.4	30	31	27	28
WB9668	41	62.2	14.3	27	28	24	
WB9229	41	59.9	13.9	25	29	25	
WB9662	40	58.1	14.0	27			
LCS Buck Pronto	40	60.7	14.3	28	28	24	26
LCS Luna (10SB0087-B)	39	61.2	12.9	27	32	27	
WB9518	39	61.6	15.0	26	27	24	
Chet	38	61.5	13.6	36	30	25	26
WB9200	38	60.6	13.8	27	26		
Kelse	38	60.4	14.1	32	32	26	26
SY605 CL	38	60.6	14.3	31	28	25	27
SY Steelhead	37	62.2	14.4	30	30	26	
Hollis	35	57.7	13.8	39	28	24	26
EXPERIMENTAL LINES							
12SB0197	49	60.7	11.8	29	38		
WA 8261	45	63.3	12.4	32	31		
WA 8282	45	62.7	13.2	30			
IDO1603S	43	61.7	13.2	27			
12SB0224	42	61.2	12.1	26	35		
12SB0199	42	59.0	12.7	27	32		
06PN3017-09	41	61.4	13.0	31			
XA9861	41	64.0	12.3	27			
WA 8280 CL+	41	61.5	13.8	31			
500-709	40	60.0	12.6	26			
WA 8259	39	62.2	13.4	34	26		
WA 8281	39	61.4	13.6	30			
WQL18SALZ-1 (Durum)	37	60.3	13.1	28			
WQL17SSV16882-3 (Durum)	36	58.0	13.4	28			
WA 8279 CL+	32	61.8	12.1	29			
501-089	30	56.0	12.8	21			
C.V. %	8	3	4	4	9	9	9
LSD (0.05)	5	2.3	0.7	2	3	2	2
Average	40	60.9	13.3	29	30	26	27
Highest	49	64.0	15.0	39	38	28	29
Lowest	30	56.0	11.8	21	26	24	26

Continued on page 2

Agronomic Information

Planting Date: 3/21/2017
Harvest Date: 7/26/2017
Seeding Rate (seeds/ft²): 15
Previous Crop: Fallow
Spring soil test:
 N (lb/ac) 4-ft sample 107
 P (ppm-bicarb) 2-ft sample 20
 S (lb/ac) 2-ft sample 16
 pH (top six inches) 6.47
Herbicide:
Huskie, Tilt on 5/23.

Trial Notes:

- 1.** The Horse Heaven nursery was located about 11 miles southeast of Prosser, WA . All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Fertilizer applied at planting was 85#N, 15#P, 15#S.
- 3.** Planting date was about 10 days later than normal. Higher than average soil moisture led to good yields.

Cooperator: C. Smith