

2016 WSU Variety Testing Hard Winter Wheat Trial, Horse Heaven

Variety Name <i>Hard White Italicized</i>	2016				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							
Keldin	47	60.7	12.2	28	36	39	--
SY Clearstone CL2	41	59.1	13.6	28			--
LCS Colonia	40	54.5	12.2	28	32	37	--
Sequoia (WA 8180)	40	59.4	12.4	31	33	38	--
WB-Arrowhead	39	59.9	12.7	27	34	37	--
Bauermeister	38	58.3	12.4	28	31	36	--
LCS Jet (NSA10-7208)	38	56.8	12.9	23	31		--
Whetstone	37	59.5	12.9	28	31	33	--
SY Touchstone (04PN028B-3)	37	59.5	13.3	24			--
Earl (WA 8184)	37	58.3	12.8	25	29		--
Farnum	34	57.7	13.5	30	30	35	--
Finley	33	60.7	12.7	30	30	32	--
AP503 CL2 *							--
EXPERIMENTAL LINES							
WA 8207	43	58.5	12.8	31	32		--
HE181/3	42	55.3	12.8	29			--
WA 8247	42	57.7	12.0	28			--
OR2120276H	39	58.3	13.2	25			--
OR2120012R	37	57.7	13.4	26			--
WA 8246	35	54.2	13.8	25			--
WA 8228	35	59.8	13.3	28			--
WA 8229	35	60.2	12.9	29			--
WA 8197	34	57.3	12.8	29	29		--
IDO1101	29	61.4	12.1	24	29	33	--
WA 8250	27	58.2	12.8	23			--
C.V. %	10	1	3	5	9	10	
LSD (0.05)	4	0.7	0.5	2	3	3	--
Average	37	58.6	12.9	27	30	35	--
Highest	47	61.4	13.8	31	36	39	--
Lowest	21	54.2	12.0	23	21	26	--

Agronomic Information

Planting Date:	10/28/2015
Harvest Date:	7/27/2016
Seeding Rate (lbs/acre):	50
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	212
P (ppm-bicarb) 2-ft sample	47
S (lb/ac) 4-ft sample	24
pH (top 6 inches)	6.59
Herbicide:	
Huskie, Powerflex, Tilt applied on 4/20.	

Trial Notes:

1. The Horse Heaven nursery was located about 12 miles SE of Prosser, WA. All yield, test weight, and protein values within the 5% LSD of the highest value are shown in bold.
2. Stand establishment was good and the trial looked good throughout most of the growing season.
3. Despite the higher than average yields, test weights were a little below average.
4. * = Data not presented due to heavy rodent feeding on standing grain.

Cooperator: M. Schmitt

* 2-Year average from 2016 & 2014

** 3-Year average from 2016, 2014, 2013