

2016 WSU Variety Testing Hard Winter Wheat Trial, Pullman

Variety Name <i>Hard White Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
LCS Jet (NSA10-7208)	142	63.7	10.6	42	0	144	138	
Keldin	134	65.0	10.1	45	0	144	134	
Rimrock	133	64.0	10.2	47	13	126	121	
LCS Colonia	132	62.5	10.7	42	0	124	122	
WB-Arrowhead	132	64.3	10.9	49	0	140	130	
LCS Azimut	129	61.4	10.2	38	0	128	121	123
Norwest 553	127	64.0	11.0	39	0	118	116	121
SY Touchstone (04PN028B-3)	125	64.7	11.8	40	0			
Whetstone	118	64.4	10.6	45	0	128	120	
SY Clearstone CL2	102	63.0	10.9	50	13			
EXPERIMENTAL LINES								
NSA10-2196	145	62.6	9.8	40	0	134		
OR2120276H	139	64.5	10.8	46	0			
OR2110664	137	64.4	10.6	45	0			
OR2120012R	130	64.0	10.6	45	0			
WA 8248	125	65.2	11.6	44	0			
WA 8249	123	63.8	11.9	45	0			
WA 8231	118	62.5	10.7	45	27	115		
IDO1101	111	64.0	10.8	40	0	126	121	
C.V. %	5	0	3	3	--	9	8	9
LSD (0.05)	9	0.4	0.4	2	13	13	10	8
Average	128	63.8	10.8	44	3	130	125	122
Highest	145	65.2	11.9	50	27	144	138	123
Lowest	102	61.4	9.8	38	0	115	116	121

Agronomic Information

Planting Date:	9/25/2015
Harvest Date:	8/8/2016
Seeding Rate (lbs/acre):	95
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	303
P (ppm-bicarb) 2-ft sample	80
S (lb/ac) 2-ft sample	52
pH (top 6 inches)	4.95

Herbicide:

Zidua on 10/1; Express, Everest 2.0, Tilt, Peak, and Brox M on 3/29.

Trial Notes:

1. The Pullman nursery was located about 3 miles southeast of Pullman, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. Only one application of fungicide was applied. Low levels of stripe rust were observed on susceptible varieties late in the growing season.

Cooperator: R. Druffel