

2017 WSU Variety Testing Hard Winter Wheat Trial, Dayton

Variety Name <i>Hard White Italicized</i>	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							
LCS Aymeric	147	62.0	9.7	36			
Norwest 553	137	64.1	11.3	38	127	107	101
LCS Jet	135	63.7	11.0	39	125	115	
SY Touchstone	134	64.0	11.6	39	120		
WB-Arrowhead	132	63.4	11.7	47	121	111	99
Keldin	130	64.4	10.0	43	127	115	104
Whetstone	129	64.4	11.3	44	116	105	91
LCS Colonia	128	62.2	10.8	39	122	105	99
Rebelde	127	65.0	12.2	37			
LCS Evina	120	63.8	11.2	46			
Metropolis	114	64.6	11.3	39			
WB4303	107	64.4	10.5	42			
WB4623CLP	101	64.0	12.5	43			
Mandala	99	64.8	11.4	44			
SY Clearstone CL2	95	63.7	11.1	47	94		
EXPERIMENTAL LINES							
NSA10-2196	144	62.5	9.9	37	126	111	
LWW14-73915	143	63.6	10.6	41			
WA 8268	136	63.6	10.9	38			
WA 8269	127	61.6	10.8	37			
WA 8248	126	65.0	11.4	43	122		
OR2130021R	124	63.9	10.5	40			
IDO 1506	124	63.4	10.8	31			
XA4104	116	64.3	11.6	41			
XA4103	107	65.4	11.5	43			
C.V. %	5	1	5	3	6	6	7
LSD (0.05)	10	1.2	0.8	2	7	6	4
Average	124	63.8	11.1	41	120	109	99
Highest	147	65.4	12.5	47	127	115	104
Lowest	95	61.6	9.7	31	94	99	91

Agronomic Information

Planting Date:	9/28/2016
Harvest Date:	8/1/2017
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	253
P (ppm-bicarb) 2-ft sample	88
S (lb/ac) 2-ft sample	49
pH (top 6 inches)	6.1

Herbicide:

Herbicide and fungicide applied by cooperator; Second fungicide application applied by cooperator

Trial Notes:

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. The Dayton trial this year is a cooperation with Oregon State University and Northwest Grain Growers. This location contains a unique set of entries.
3. Long-term averages consist of results from this trial and previous WSU Variety Testing HRW Dayton trials.

Cooperator: J. Penner