

2015 WSU Variety Testing Hard Winter Wheat Trial, Pullman

Variety Name	2015						2 Year	3 Year	5 Year
	YIELD	TEST WT	PROTEIN	PLANT	HEAD	LODGING	AVERAGE	AVERAGE	AVERAGE
<i>Hard White Italicized</i>	(BU/A)	(LBS/BU)	(%)	HT	DATE	(%)	(BU/A)	(BU/A)	(BU/A)
<b>RELEASED VARIETIES</b>									
Keldin	<b>154</b>	61.9	10.8	40	149	12	134	135	
WB-Arrowhead	<b>148</b>	61.9	11.4	43	149	13	129	134	
LCS Jet (NSA10-7208)	<b>147</b>	60.4	11.5	37	148	0	136		
Whetstone	<b>138</b>	61.2	11.7	41	147	18	121	123	
LCS-Azimut	127	54.8	11.7	32	149	0	116	123	128
LCS Evina	126	59.1	<b>14.0</b>	43	157	0	116		
WB-Rimrock	120	60.8	10.8	39	148	50	114	122	
LCS Colonia	116	56.9	11.9	37	156	0	116	123	
Norwest 553	108	61.6	12.8	33	151	0	111	120	129
Sprinter	107	61.5	13.3	47	147	63	107	103	118
Bauermeister	99	60.1	11.4	49	156	93	96	97	110
Farnum	97	60.9	12.2	49	157	90	97	93	102
Finley	94	<b>63.4</b>	12.4	50	148	90	96	93	107
Eltan (SWW Check)	83	59.2	11.2	44	158	93	90	96	113
<b>EXPERIMENTAL LINES</b>									
<i>IDO1101</i>	<b>142</b>	61.7	11.7	36	150	60	125	126	
<i>WA 8184</i>	137	60.2	11.4	40	151	17	124	128	
<b>HE9817/1.2</b>	136	61.1	12.3	42	152	0			
<b>DAS 2</b>	133	62.2	11.8	42	149	15	119	123	
<i>OR2110019H</i>	132	61.0	12.0	40	153	2			
<b>WA 8209</b>	129	61.3	12.2	38	156	43	114		
<i>IDO1209DH</i>	123	<b>63.3</b>	11.9	38	154	55			
<b>DAS 1</b>	122	61.0	11.8	39	148	42	117	117	
<b>NSA10-2196</b>	122	58.7	11.4	34	150	0			
<b>WA 8230</b>	118	61.2	11.9	38	150	48			
<i>OR2100081H</i>	114	60.3	12.1	38	150	3	113		
<i>WA 8231</i>	113	60.0	11.6	38	155	40			
<b>07PN013#38</b>	79	58.8	12.6	36	150	0			
<b>SAS W7</b>	68	60.1	12.1	42	156	0	84		
<b>SAS W3</b>	56	58.8	13.6	41	158	0	88		
<b>SAS W4</b>	45	58.8	<b>14.1</b>	38	159	0	72		
C.V. %	13	1	3	4	1	58	11	10	11
LSD (0.10)	16	0.6	0.4	2	1	17	9	7	6
Average	114	60.4	12.1	40	152	28	110	116	115
Highest	154	63.4	14.1	50	159	93	136	135	129
Lowest	45	54.8	10.8	32	147	0	72	93	102

**Pullman Hard Winter Wheat—Preliminary Data**

1. Grain yield in the 2015 Pullman hard winter wheat trial averaged 128 bushels/acre, similar to the five-year average of 131 bushels/acre. The Pullman nursery was located about three miles southeast of Pullman, WA (N. Druffel, Cooperator). All yield, test weight, and protein values within the 10% LSD range of the highest value are shown in bold.
2. This nursery was seeded on October 2, 2014 following chickpeas at a rate of 95#/acre. Spring soil tests revealed 258#N, 28#P, and 10#S available. An additional 65# N was applied in the spring.
3. This trial received a 4 oz./acre rate of Tilt® at the time of herbicide application and stripe rust was not a factor.