

2015 WSU Variety Testing Hard Winter Wheat Trial, Walla Walla

Variety Name <i>Hard White Italicized</i>	2015						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Keldin	90	60.4	13.4	42	137	3	114	103	
WB-Rimrock	78	59.2	13.5	40	138	0	98	90	
WB-Arrowhead	75	59.6	13.0	43	138	0	109	99	
Whetstone	74	58.0	14.1	41	136	0	107	95	
LCS Jet (NSA10-7208)	67	58.7	13.4	37	137	0	101		
Eltan (SWW Check)	64	56.3	13.9	43	146	8	91	85	88
LCS Colonia	60	52.7	14.6	37	145	0	98	95	
Bauermeister	60	57.9	13.5	43	146	0	76	72	77
Norwest 553	58	60.0	14.0	33	142	0	96	91	107
LCS Evina	58	54.4	15.8	41	146	0	91		
LCS-Azimut	56	51.4	13.9	31	137	0	89	87	107
Sprinter	54	58.1	14.9	42	134	0	76	67	73
Finley	52	59.3	14.8	51	141	28	68	63	68
Farnum	48	55.6	15.4	46	146	20	69	64	64
EXPERIMENTAL LINES									
<i>IDO1101</i>	83	61.9	12.6	38	137	0	102	95	
<i>WA 8231</i>	77	58.7	13.2	41	144	0			
WA 8209	75	57.9	14.9	39	144	12	102		
DAS 1	75	59.8	13.2	41	135	0	90	84	
<i>IDO1209DH</i>	73	60.6	13.7	38	144	0			
07PN013#38	69	58.0	13.2	32	141	0			
WA 8230	67	58.2	14.0	40	141	0			
DAS 2	66	60.3	14.2	41	137	0	89	86	
<i>WA 8184</i>	65	58.6	13.5	40	138	0	91	85	
<i>OR2110019H</i>	64	57.9	13.9	39	139	0			
NSA10-2196	64	57.7	12.8	34	138	0			
HE9817/1.2	60	57.1	14.6	43	139	0			
<i>OR2100081H</i>	57	58.5	14.0	39	140	0	91		
SAS W7	38	55.6	14.3	40	146	0	80		
SAS W4	35	52.7	14.3	40	148	0	74		
SAS W3	34	55.5	13.6	40	149	0	72		
C.V. %	8	1	3	5	1	-	10	11	11
LSD (0.10)	6	0.8	0.5	2	1	8	7	5	5
Average	63	57.7	13.9	40	141	2	90	85	83
Highest	90	61.9	15.8	51	149	28	114	103	107
Lowest	34	51.4	12.6	31	134	0	68	63	64

Walla Walla Hard Winter Wheat--Preliminary Data

1. Grain yield in the 2015 Walla Walla hard winter wheat trial averaged 63 bushels/acre, 20 bushels/acre less than the five-year average. The Walla Walla nursery was located about 8 miles north of Walla Walla, WA (J. Beechinor, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 30, 2014 following chem-fallow at a seeding rate of 85#/acre. In an effort to reach protein goals, an additional 40#N was applied to the hard trial in the spring.
3. A 4 oz./acre rate of Tilt was applied at the time of herbicide application and no stripe rust was observed at this location.