

2015 WSU Variety Testing Hard Winter Wheat Trial, Moses Lake

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									
LCS Jet (NSA10-7208)	147	57.8	13.2	38	135	18	156		
LCS Evina	130	54.7	15.4	44	141	7	144		
Whetstone	124	57.8	13.9	41	136	70	144	135	
WB-Arrowhead	123	59.8	13.0	42	136	47	150	142	
Norwest 553	122	58.0	13.5	34	139	2	117	118	136
Keldin	119	59.0	13.8	38	137	87	150	137	
LCS Colonia	114	51.6	13.6	37	142	20	127	127	
LCS-Azimut	112	50.3	14.4	32	137	20	132	126	138
Sprinter	104	58.8	15.6	45	132	78	124	110	124
WB-Rimrock	99	57.7	13.1	40	136	82	142	128	
Finley	97	61.4	13.7	53	140	62	119	110	
Farnum	97	57.6	15.1	52	144	68	120	106	
Bauermeister	76	54.5	14.5	48	142	88	110	96	111
Eltan (SWW Check)	75	53.5	14.1	41	143	93	112	99	
EXPERIMENTAL LINES									
DAS 1	151	61.2	13.1	46	133	38	161	145	
NSA10-2196	137	56.5	13.0	35	135	2			
DAS 2	135	60.3	14.2	45	136	22	144	133	
HE9817/1.2	131	57.2	14.0	44	139	7			
07PN013#38	120	57.6	13.5	32	140	75			
WA 8184	119	56.9	13.6	43	136	27	139	132	
IDO1209DH	116	59.6	13.7	44	141	17			
OR2110019H	116	56.4	13.6	41	137	22			
IDO1101	113	61.1	12.7	37	136	85	138	126	
OR2100081H	111	56.1	13.5	38	140	12	107		
SAS W7	102	53.3	14.0	41	143	18	78		
WA 8209	101	57.8	14.5	41	142	30	127		
SAS W4	99	51.6	14.5	43	143	5	64		
SAS W3	99	52.4	14.2	45	143	2	73		
WA 8230	88	58.0	13.7	41	138	85			
WA 8231	85	57.0	12.8	40	141	78			
C.V. %	9	1	2	5	1	46	10	9	9
LSD (0.10)	11	0.6	0.3	2	1	21	9	7	5
Average	112	56.9	13.9	41	139	42	125	123	127
Highest	151	61.4	15.6	53	144	93	161	145	138
Lowest	75	50.3	12.7	32	132	2	64	96	111

Moses Lake Irrigated Hard Winter Wheat--Preliminary Data

1. Grain yield in the 2015 Moses Lake hard winter wheat trial averaged 112 bushels/acre. The Moses Lake nursery was located about 8 miles east of Othello, WA (WHB Farms, cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on October 17, 2014 following potatoes. Seeding rate was 95#/acre and a spring soil test showed 266#N, 29#P, and 65#S/acre. An additional 85# of N was top-dressed on the hard trial in the spring. A 4 oz./acre rate of Tilt® fungicide was included with herbicide application.
3. This location experienced a significant amount of lodging, leading to decreased yield and test weight.