

2015 WSU Variety Testing Hard Winter Wheat Trial, Dayton

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>								
LCS Jet (NSA10-7208)	96	58.1	12.1	35	138	76		
Keldin	92	61.3	11.7	40	138	68	88	
WB-Arrowhead	89	60.3	12.1	43	136	68	84	
WB-Rimrock	85	60.6	11.5	40	138	66	83	
Whetstone	83	59.1	12.6	41	137	59	74	
Sprinter	80	59.3	12.5	44	135	53	63	73
LCS Evina	77	56.6	13.8	41	145	62		
LCS-Azimut	76	51.8	12.7	32	137	60	83	100
Eltan (SWW Check)	75	56.5	11.8	39	147	61	78	91
Finley	72	60.9	12.9	50	142	53	65	76
LCS Colonia	72	54.8	12.5	35	144	65	84	
Bauermeister	71	58.2	12.4	42	145	58	61	81
Norwest 553	67	59.7	12.4	33	140	57	84	115
Farnum	62	56.7	13.3	46	147	46	58	69
<b>EXPERIMENTAL LINES</b>								
WA 8231	90	59.6	10.8	41	144			
IDO1101	89	<b>62.9</b>	11.0	38	138	73	84	
DAS 1	87	60.3	12.3	41	135	65	79	
IDO1209DH	86	59.9	11.9	38	144			
NSA10-2196	82	57.4	11.7	35	137			
WA 8184	82	58.0	12.0	40	138	59	82	
WA 8230	78	58.5	12.3	41	138			
HE9817/1.2	77	57.8	12.9	39	138			
DAS 2	75	60.5	13.8	40	136	58	75	
OR2110019H	74	58.5	12.3	39	140			
WA 8209	72	59.1	12.8	38	145	56		
OR2100081H	69	58.6	13.2	37	140	58		
07PN013#38	68	57.7	12.1	31	139			
SAS W7	57	53.8	<b>14.2</b>	39	145	53		
SAS W3	51	52.5	14.0	39	149	51		
SAS W4	46	49.7	<b>15.2</b>	38	150	45		
C.V. %	10	2.1	7.6	4	1	11	10	12
LSD (0.10)	8	1.3	1.0	2	1	5	5	4
Average	76	58.0	12.6	39	141	59	77	86
Highest	96	62.9	15.2	50	150	76	88	115
Lowest	46	49.7	10.8	31	135	45	58	69

**Dayton Hard Winter Wheat--Preliminary Data**

1. Grain yield in the 2015 Dayton hard winter wheat trial averaged 76 bushels/acre, 10 bushels/acre less than the five-year average. The Dayton nursery was located about 6 miles northwest of Dayton, WA (J. Penner, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on October 7, 2014 following chickpeas. Seeding rate was 85#/acre and a spring soil test showed 360#N/acre. An additional 50# of N was applied to the hard trial in the spring.
3. A fungicide was included with the herbicide application and no stripe rust was observed in this trial. Lower yields and test weights are a reflection of the hot and dry year.