

2015 WSU Variety Testing Hard Winter Wheat Trial, Lamont

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	98	61.6	12.8	33	143	0	87	81	
WB-Arrowhead	96	61.1	12.1	37	143	0	93	80	
LCS Colonia	92	53.0	12.8	33	145	0	75	74	
LCS Jet (NSA10-7208)	87	58.4	13.2	27	143	0	79		
SY Clearstone CL2	86	59.8	12.8	38	143	0			
Eltan (SWW Check)	86	57.6	11.9	34	146	62	83	79	85
Whetstone	84	60.7	12.0	34	142	0	79	71	
AP503 CL2	80	61.9	13.7	29	143	3	75	69	
Finley	76	63.0	12.0	43	143	58	81	75	84
Bauermeister	76	59.0	11.9	38	147	13	72	71	80
Sprinter	74	60.2	13.3	39	142	17	69	66	81
LCS Evina	71	55.3	14.1	31	145	0	62		
Norwest 553	70	59.8	13.4	29	145	0	58	60	90
Farnum	70	57.4	12.2	43	147	60	71	69	79
LCS-Azmut	68	54.6	12.0	27	143	0	70	68	87
EXPERIMENTAL LINES									
<i>IDO1101</i>	93	62.5	11.8	31	143	0	85	77	
WA 8207	90	57.5	12.0	39	146	0	82		
DAS 1	89	60.0	13.6	36	141	0	83	76	
<i>WA 8158</i>	85	59.6	11.9	36	144	0	73	74	
<i>OR2110019H</i>	83	59.3	12.4	31	144	0			
HE9817/1.2	83	58.5	12.0	36	144	0			
WA 8228	83	59.9	12.6	47	145	7			
WA 8180	82	59.8	12.5	45	145	28	75	70	
WA 8181	79	56.8	12.6	36	147	15	75	74	
DAS 2	76	60.6	13.1	34	143	0	74	71	
WA 8178	73	58.2	12.8	40	147	62	70	66	
WA 8229	72	61.5	12.3	39	143	0			
<i>IDO1209DH</i>	72	61.6	11.9	30	144	0			
<i>OR2100081H</i>	61	58.8	13.4	30	145	0	52		
WA 8197	56	58.1	12.9	43	146	93	62		
C.V. %	10	1	7	6	0	-	9	9	13
LSD (0.10)	9	0.9	0.9	2	1	17	5	4	5
Average	80	59.2	12.6	36	144	14	74	72	84
Highest	98	63.0	14.1	47	147	93	93	81	90
Lowest	56	53.0	11.8	27	141	0	52	60	79

Lamont Hard Winter Wheat—Preliminary Data

1. Grain yield in the 2015 Lamont hard winter trial averaged 80 bushels/acre, slightly lower than the five-year average. The Lamont nursery was located about six miles southeast of Lamont, WA (G. White, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 4, 2014 following chem-fallow at a rate of 85#/acre. Base fertilizer was 70#N and 10#S. Spring soil test showed 248#N, 31#P and 7#S. No additional fertilizer was applied.
3. No stripe rust was observed at this location and no fungicide was applied.