

## 2016 WSU Variety Testing Hard Winter Wheat Trial, Lamont

Variety Name <i>Hard White Italicized</i>	2016						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)
<b>RELEASED VARIETIES</b>									
LCS Jet (NSA10-7208)	<b>111</b>	62.1	9.9	39	137	0	99	90	
Keldin	99	62.8	9.4	43	137	0	99	91	
WB-Arrowhead	98	62.8	10.4	45	138	0	97	95	
<i>Earl (WA 8184)</i>	96	61.8	9.7	43	137	0			
SY Touchstone (04PN028B-3)	96	63.2	10.4	36	141	0			
LCS Colonia	95	60.5	10.4	40	145	0	94	82	
Whetstone	91	62.4	10.2	43	138	15	87	83	
AP503 CL2	88	<b>64.4</b>	<b>10.8</b>	40	137	0	84	79	
SY Clearstone CL2	81	61.9	10.1	47	139	0	84		
Farnum	81	62.0	<b>11.4</b>	51	151	58	75	75	75
Bauermeister	77	62.0	9.5	50	146	23	77	74	75
Finley	70	<b>64.2</b>	<b>10.6</b>	55	136	77	73	77	78
Sequoia (WA 8180)	69	63.2	9.5	50	146	68	76	73	
<b>EXPERIMENTAL LINES</b>									
<i>OR2120276H</i>	<b>114</b>	62.8	9.9	42	139	0			
WA 8207	<b>107</b>	63.0	9.4	47	147	0	99	91	
OR2120012R	<b>104</b>	62.1	10.4	43	137	0			
WA 8247	99	61.3	10.1	49	140	17			
HE181/3	99	61.2	9.7	45	142	0			
<i>IDO1101</i>	95	63.5	9.6	39	140	13	94	88	
WA 8246	90	61.0	9.6	45	147	25			
WA 8250	89	63.2	10.3	40	141	0			
WA 8228	82	<b>64.4</b>	<b>10.9</b>	53	144	42	82		
WA 8229	74	63.7	<b>10.6</b>	53	138	58	73		
WA 8197	73	62.3	9.4	55	146	50	64	66	
C.V. %	8	1	6	4	1	--	9	8	10
LSD (0.05)	10	0.4	0.9	2	2	23	9	7	6
Average	91	62.6	10.1	46	141	19	85	82	76
Highest	114	64.4	11.4	55	151	77	99	95	78
Lowest	69	60.5	9.4	36	136	0	64	66	75

### Agronomic Information

Planting Date:	9/9/2015
Harvest Date:	8/2/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	194
P (ppm-bicarb) 2-ft sample	39
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	4.86

Herbicide:

Huskie, PowerFlex and Tilt applied on 3/31.

### Trial Notes:

1. The Lamont nursery was located about 5 miles southwest of Lamont, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. This trial received only one fungicide application and moderate levels of stripe rust were observed on some of the more susceptible lines late in the growing season.
3. An additional 22# of N was added to the hard trial in the spring. Despite the additional nitrogen, proteins were still low.

**Cooperator:** G. White