

### 2018 WSU Variety Testing Hard Winter Wheat Trial, Lamont

Variety Name	2018					2 Year*	3 Year**	5 Year***
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>								
LCS Rocket (NSA10-2196)	73	61.1	10.2	30	148			
Keldin	68	63.8	11.6	33	150	84	88	82
LCS Jet	66	61.9	11.6	30	150	89	88	
WB4303	65	61.8	11.6	31	152			
SY Touchstone	65	63.5	12.1	29	146	80		
Mandala	63	62.1	13.1	34	145			
SY Clearstone CL2	58	61.5	12.9	35	150	70	75	
Sequoia	52	60.4	11.7	40	152	61	68	66
WB4623CLP	52	61.3	14.0	33	150			
Farnum	47	61.0	13.1	38	154	64	66	67
WB4311	45	60.4	13.3	28	147			
Whetstone	43	62.9	13.9	31	148	67	72	70
<i>Experimental Lines</i>								
NSA11-10108 (LCS Abraham)	69	60.4	11.7	29	145			
LWW14-73915	68	60.9	12.2	32	150			
WA 8287	66	61.9	11.6	35	148			
WA 8273	66	64.0	11.0	42	148			
NSA12-2472	64	59.6	11.6	32	148			
WA 8286	58	61.2	12.3	34	152			
C.V. %	11	1.4	4	5	2	10	10	9
LSD (0.05)	9	1.2	1	2	5	7	6	4
Average	60	61.7	12	33	149	73	76	71
Highest	73	64.0	14	42	154	89	88	82
Lowest	43	59.6	10	28	145	61	66	66

#### Agronomic Information

Planting Date:	9/25/2017
Harvest Date:	8/16/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	87
P (ppm-bicarb) 2-ft sample	82
S (lb/ac) 2-ft sample	27
pH (top 6 inches)	5.28
Herbicide:	
Fungicides applied with herbicide application on 05/08	

#### Trial Notes:

1. The Lamont nursery was located about 6 miles north east of Lamont, WA
2. The nursery was fertilized at planting 85N 15P 15S with a no-till drill with hoe opener.
3. Overall yield wa 18% lower than the two year average, and grain test weight was 0.2 lb/bu lower than in 2017.

Cooperator G White

\* - 2-year data from 2018, 2016

\*\* - 3-year data from 2018, 2016, 2015

\*\*\* - 5-year data from 2018, 2016, 2015, 2014, 2013