

2018 WSU Variety Testing Hard Winter Wheat Trial, Almira

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)	129	60.3	8.9	37	148			
LCS Abraham	128	60.5	9.7	34	150			
WB4303	123	61.4	9.4	38	147			
Keldin	119	62.6	9.0	40	150	111	106	90
LCS Jet	119	61.6	9.6	38	150	113	108	89
SY Touchstone	109	63.0	9.7	36	150	100	94	
WB4623CLP	106	63.7	10.7	40	149	90		
SY Clearstone CL2	104	61.4	9.1	45	150	96	92	
Mandala	103	62.9	9.6	41	153	100		
Whetstone	98	63.2	10.0	38	148	93	88	73
Farnum	95	61.2	9.9	52	157	93	90	76
Sequoia	95	61.3	9.4	57	156	88	87	75
<i>Experimental Lines</i>								
WA 8287	121	60.5	8.9	46	155			
NSA12-2472	117	59.8	8.6	41	148			
LWW14-73915	104	59.8	9.9	38	147	109		
WA 8286	102	62.2	9.1	43	155			
WA 8273	101	63.5	9.1	52	153	97		
C.V. %	9	0.7	6.1	4	1	9	9	8
LSD (0.05)	14	0.6	0.8	2	1	9	7	5
Average	109	61.7	9.5	43	151	99	95	81
Highest	129	63.7	10.7	57	157	113	108	90
Lowest	95	59.8	8.6	34	147	88	87	73

Agronomic Information

Planting Date:	9/14/2017
Harvest Date:	8/15/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	111
P (ppm-bicarb) 2-ft sample	74
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	5.29
Herbicide:	
Fungicides applied with herbicide application on 05/19	

Trial Notes:

1. The Almira nursery was located about 9 miles north of Almira, WA.
2. The nursery was fertilized prior to seeding. An additional 93N was applied in spring after soil sampling.
3. Overall yield was 14% more than 2017, and grain test weight was 1.2 lb/bu more than last year.

Cooperator D. McKay