

2018 WSU Variety Testing Hard Winter Wheat Trial, Reardan

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)	98	61.6	10.9	34	149			
LCS Jet	98	62.0	11.9	35	150	118	111	94
Keldin	98	63.5	11.4	36	152	122	112	98
SY Touchstone	94	62.9	11.9	33	149	116	105	
LCS Abraham	94	60.6	11.2	33	149			
Whetstone	92	63.1	11.8	35	148	111	99	86
SY Clearstone CL2	89	61.8	12.1	42	150	105	95	
WB4303	88	61.9	11.4	34	148			
Farnum	86	61.1	12.3	45	158	94	88	79
Sequoia	86	62.0	11.5	46	156	98	91	
WB4623CLP	84	62.4	13.5	38	150	102		
Mandala	83	62.4	12.3	39	151	104		
<i>Experimental Lines</i>								
NSA12-2472	103	60.8	10.7	37	148			
WA 8287	103	60.5	11.7	41	154			
WA 8273	95	63.6	11.6	31	153	105		
WA 8286	92	61.7	11.4	38	155			
LWW14-73915	92	61.2	11.8	36	148	110		
C.V. %	10	0.7	3.4	5	1	7	7	7
LSD (0.05)	13	0.6	0.6	2	2	8	6	4
Average	93	62.0	11.7	37	151	108	100	89
Highest	103	63.6	13.5	46	158	122	112	98
Lowest	83	60.5	10.7	31	148	94	88	79

Agronomic Information

Planting Date:	9/15/2017
Harvest Date:	8/10/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	227
P (ppm-bicarb) 2-ft sample	79
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	4.94
Herbicide:	
Fungicides applied with herbicide application on 05/14	

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA.
2. The nursery was fertilized at seeding with no-till hoe drill: 100N 14P 17S. An additional 100N was applied in spring.
3. Overall yield was 27% less than 2017, and grain test weight was 0.4 lb/bu less than last year.

Cooperator H Johnson