

2018 WSU Variety Testing Hard Winter Wheat Trial, Ritzville

Variety Name	2018						2 Year	3 Year*	5 Year**
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
LCS Jet	97	61.1	8.0	38	137	0	94	72	
LCS Rocket (NSA10-2196)	87	59.2	7.8	36	136	0			
WB4303	82	61.6	8.4	38	133	0			
LCS Abraham	79	59.8	7.2	35	136	0			
Sequoia	79	61.1	8.8	51	141	58	75	61	57
SY Clearstone CL2	78	61.9	9.1	44	139	0	78	62	
WB4623CLP	75	63.2	9.3	40	139	0	77		
SY Touchstone	73	61.8	8.7	33	137	0	76		
Whetstone	73	62.9	9.1	38	136	0	76	59	54
Farnum	70	61.7	9.5	48	144	30	64	54	52
Keldin	69	61.4	7.7	40	136	0	73	56	55
Mandala	67	62.9	8.0	39	140	0	69		
Experimental Lines									
LWW14-73915	95	58.9	8.5	38	136	0	96		
WA 8287	89	59.3	8.1	43	141	3			
NSA12-2472	89	59.0	7.2	39	136	0			
WA 8286	77	62.6	8.5	43	141	2			
WA 8273	72	62.7	9.3	46	140	58	74		
C.V. %	10	1.1	7.3	5	0	153	8	8	8
LSD (0.05)	11	1.0	0.9	3	1	21	6	4	3
Average	79	61.2	8.4	41	138	9	77	61	54
Highest	97	63.2	9.5	51	144	58	96	72	57
Lowest	67	58.9	7.2	33	133	0	64	54	52

Agronomic Information

Planting Date:	9/6/2017
Harvest Date:	7/25/2018
Seeding Rate (seeds/ft ²):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	152
P (ppm-bicarb) 2-ft sample	41
S (lb/ac) 2-ft sample	18
pH (top 6 inches)	6.1

Herbicide: Applied by cooperator. No fungicides

Trial Notes:

1. The Ritzville nursery is located about 5 miles west of Ritzville, WA.
2. The nursery was fertilized prior to planting at 50N 5S.
3. Overall yield was equal to 2017 and test weights are similar. Proteins are very across the varieties and would of benefited from additional fertilizer.

Cooperator: R. Jirava

* 3-year average from 2018, 2017, 2015

** 5-year average from 2018, 2017, 2015, 2014, 2013