

2019 WSU Variety Testing Hard Winter Wheat Trial, Ritzville

Variety Name	2019					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)
Released Varieties								
LCS Jet	67	59.5	10.6	28	--	82	85	65
LCS Zoom (LWW14-73915)	64	57.7	11.2	29	--	79	85	
LCS Rocket (NSA10-2196)	63	59.0	10.8	29	--	75		
WB4303	61	60.7	11.7	31	--	72		
Sequoia	61	60.6	10.3	40	--	70	70	59
SY Clearstone CL2	60	60.8	11.3	35	--	69	72	
Farnum	58	60.0	10.9	39	--	64	62	55
SY Touchstone	58	62.1	11.0	29	--	66	70	
AP Redeye (05PN044-20)	57	61.1	10.9	28	--			
WB 4394	57	61.7	11.3	37	--			
Keldin	57	61.5	11.6	32	--	63	67	57
WB4311	56	60.8	13.0	28	--			
Whetstone	50	59.4	12.0	32	--	61	67	57
Experimental Lines								
WA 8287	61	58.6	11.5	31	--	75		
LGWF15-2213	58	59.1	11.1	29	--			
IDO1608	57	58.8	10.8	31	--			
WA 8273	57	62.1	10.3	38	--	64	68	
WA 8310	56	59.9	11.2	33	--			
C.V. %	9	1.0	6.9	4	--	10	9	8
LSD (0.05)	7	0.8	1.1	2	--	7	5	3
Average	59	60.2	11.2	32	--	70	72	58
Highest	67	62.1	13.0	40	--	82	85	65
Lowest	50	57.7	10.3	28	--	61	62	55

Agronomic Information

Planting Date:	9/10/2019
Harvest Date:	-
Seeding Rate (seeds/ft ²):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	
P (ppm-bicarb) 2-ft sample	
S (lb/ac) 2-ft sample	
pH (top 6 inches)	

Trial Notes:

1. The Ritzville nursery is located about 5 miles west of Ritzville, WA.
2. Seeded with a deep furrow drill.
3. Overall yield was 26% lower than 2018 and test weight was 1.0 lb/bu lower on average.

Cooperator: R. Jirava

* 3-year average from 2019, 2018, and 2017

** 5-year average from 2019, 2018, 2017, 2015, and 2014