

2020 WSU Variety Testing Hard Winter Wheat Trial, Lamont

Variety Name	2020						2 Year	3 Year*	5 Year**
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodge (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Hard White Italicized</i>									
Released Varieties									
WB4394	98	64.2	11.7	39	145	0	144		
LCS Rocket	97	61.6	12.0	31	143	0	140	118	
LCS Jet	94	62.4	11.8	32	147	0	145	119	111
<i>Ul Bronze Jade</i>	92	61.5	12.2	34	145	0			
AP Redeye	92	62.8	11.7	32	145	2	132		
Keldin	91	64.1	12.3	34	144	2	141	117	110
LCS Zoom	90	61.4	12.4	33	144	0	130	109	
SY Touchstone	88	63.5	12.6	32	143	0	127	107	
Scorpio	86	62.6	12.1	30	144	0			
WB4303	84	63.8	12.8	34	146	42	134	111	
SY Clearstone CL2	82	62.4	12.7	38	144	11	125	103	95
WB4623CLP	77	63.9	13.9	35	146	0			
WB4311	77	64.1	12.7	30	144	0	118	94	
CP 7010	74	64.6	12.3	31	143	0			
Farnum	64	57.9	14.2	42	145	94	109	89	83
Sequoia	59	59.3	12.6	40	144	98	110	90	85
Experimental Lines									
WA 8310	98	63.9	11.5	38	144	0	149		
WA 8289	94	62.2	12.1	30	145	0			
LWH17-5083	93	61.6	12.1	41	145	3			
WA 8309	91	60.3	11.8	28	144	0			
OR2150100R	90	63.3	12.6	30	144	3			
OR2160011R	89	62.4	12.1	31	144	0			
MTCL1737	89	62.3	12.2	33	143	0			
OR2150065H	86	62.1	13.2	32	144	0			
OR2150168H	86	62.9	13.0	29	144	0			
IDO 1806	85	64.3	11.8	33	144	0			
WA 8318 CL+	82	61.4	12.7	41	144	59			
IDO 1906	82	62.3	12.3	31	144	0			
MTCL1732	78	63.1	12.5	32	145	0			
WA 8287	75	57.5	12.3	34	144	95	119	101	
C.V. %	6	1.0	5.3	4	1	60	6	7	7
LSD (0.05)	8	1.4	1.3	3	3	16	8	6	5
Average	85	62.3	12.4	34	144	14	130	102	97
Highest	98	64.6	14.2	42	147	98	149	119	111
Lowest	59	57.9	11.5	30	143	0	109	64	83

Agronomic Information

Planting Date:	9/23/2019
Harvest Date:	7/31/2020
Seeding Rate (seeds/ft ²):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	257
P (ppm-bicarb) 2-ft sample	21
S (lb/ac) 2-ft sample	27
pH (top 6 inches)	5.5

Trial Notes:

1. The Lamont nursery was located about 3 miles SE of Lamont, WA.
2. Overall yield was 64% lower than 2019 and test weight was 0.9 lb/bu less.

Cooperator: Rod Mills

* 3-year average from 2020, 2019, and 2016

** 5-year average from 2020, 2019, 2016, 2015, and 2014