

2020 WSU Variety Testing Hard Winter Wheat Trial, Moses Lake

Variety Name	2020					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>Hard White Italicized</i>								
Released Varieties								
AP Redeye	92	61.8	13.7	29	142	69		
LCS Jet	90	57.8	13.9	28	144	70	79	109
WB4303	89	61.9	14.0	31	142	69	77	
LCS Rocket	87	56.9	13.9	28	142	66	77	102
UI Bronze Jade	87	59.0	13.1	31	143			
WB4311	86	61.6	14.1	27	142	67	73	
LCS Aymeric	86	55.4	12.5	25	144	67	77	98
Keldin	85	59.1	14.1	27	142	68	78	96
LCS Evina	84	57.0	15.0	30	143	68		103
CP 7909	83	61.5	13.7	27	136			
Kairos	80	59.6	14.5	24	141			
WB4394	78	59.9	13.4	27	142			
Scorpio	78	58.0	13.7	26	142	64	76	
WB4623CLP	78	61.4	15.2	30	142	61		
LCS Zoom	77	56.6	14.1	26	143		83	
AP Venom	76	57.0	14.8	26	142			
Millie	75	61.5	14.3	25	142			
AP Octane	71	58.1	14.2	25	142			
Experimental Lines								
MTCL1732	91	61.0	13.5	28	142			
OR2150065H	87	59.8	14.3	27	141			
OR2150169R	85	52.9	13.4	24	142			
LWH17-5083	85	58.2	15.2	32	142			
OR2160011R	81	57.8	13.6	26	142			
WA 8289	80	58.2	12.6	25	143	64	73	
WA 8309	80	55.3	14.2	23	142	61		
OR2150168H	80	57.6	14.0	25	141			
IDO 1806	77	60.3	14.4	23	142			
LWH16-10541	75	55.7	14.3	24	142	64		
MTCL1737	73	60.1	14.9	27	140			
IDO 1906	69	56.0	15.0	26	143			
C.V. %	7	2.2	2.0	7	1	6	7	8
LSD (0.05)	9	2.6	0.6	4	3	5	5	5
Average	82	58.6	14.1	27	142	66	77	102
Highest	92	61.9	15.2	32	144	70	83	109
Lowest	69	52.9	12.5	23	136	61	73	96

Agronomic Information

Planting Date:	10/23/2019
Harvest Date:	7/20/2020
Seeding Rate (seeds/ft ²):	24
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	430
P (ppm-bicarb) 2-ft sample	19
S (lb/ac) 2-ft sample	116
pH (top 6 inches)	6.4

Trial Notes:

1. The Moses Lake winter nursery was located 11 miles NE of Wheeler, WA.
2. Overall yield was 70% greater than 2019 and test weight was 4.5 lb/bu greater than last year'.

Cooperator: Sammy Stahl