

2020 WSU Variety Testing Hard Winter Wheat Trial, Dayton

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								
LCS Rocket	131	61.8	10.3	32	141	109	108	115
Scorpio	126	62.0	11.1	34	145	107	106	
LCS Jet	120	62.1	10.5	32	141	103	104	112
LCS Zoom	118	61.2	10.8	33	139	97	96	
LCS Evina	118	61.9	11.9	38	147	100	96	
LCS Aymeric	118	61.4	10.2	31	143	99	97	
AP Redeye	117	63.5	10.7	33	141	99		
<i>UI Bronze Jade</i>	115	61.7	10.9	35	144	96		
Keldin	115	63.7	11.2	35	144	99	96	108
Kairos	113	63.4	12.0	31	137			
<i>Millie</i>	112	63.4	11.8	33	150	96	96	
SY Touchstone	112	62.9	11.7	33	144	95	95	105
WB4394	111	63.4	11.7	38	142	90		
WB4311	103	62.7	12.8	32	137	89	89	
WB4623CLP	99	62.4	13.0	35	146	86		
CP 7010	97	64.0	11.2	32	142			
SY Clearstone CL2	89	61.8	12.3	36	145	79		
WB4303	74	61.6	12.1	36	137	75	81	
Experimental Lines								
WA 8289	134	61.4	9.8	32	144	111	108	
WA 8309	122	60.6	10.5	30	145	104		
LWH16-10541	121	61.4	9.9	32	145	99		
<i>OR2150065H</i>	117	61.4	11.8	34	145			
OR2160011R	116	61.3	11.1	33	146	96		
LWH17-5083	115	61.8	11.1	42	146			
OR2150169R	115	60.3	10.3	31	151	97		
<i>OR2150168H</i>	113	62.4	12.0	31	145	97		
<i>IDO 1906</i>	111	62.8	11.1	32	140			
MTCL1737	108	61.8	11.7	33	149			
<i>IDO 1806</i>	107	63.6	11.6	33	144			
MTCL1732	105	62.4	11.9	33	144			
C.V. %	4	0.7	4.5	4	--	5	6	6
LSD (0.05)	7	0.8	1.0	3	--	6	5	5
Average	112	62.2	11.3	34	144	97	98	105
Highest	134	64.0	13.0	42	151	111	108	115
Lowest	74	60.3	9.8	30	137	75	81	87

Agronomic Information

Planting Date:	10/17/2019
Harvest Date:	7/27/2020
Seeding Rate (seeds/ft ²):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	187
P (ppm-bicarb) 2-ft sample	22
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.5

Trial Notes:

1. The Dayton nursery was located about 6 miles NW of Dayton, WA.
2. Overall yield was 42% higher than 2019 and test weight was 1.8 lb/bu greater.

Cooperator: Jay Penner