

2021 WSU Variety Testing Hard Winter Wheat Trial, Lind

Variety Name <i>Hard White Italicized</i>	2021					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								
Scorpio	49	59.9	12.7	26	138	56		
LCS Jet	46	59.8	13.3	24	136	51	55	63
Guardian	45	61.9	13.6	28	137			
Canvas	44	62.1	12.9	26	135			
AP18 AX	44	60.2	13.1	27	135			
Battle AX	44	61.5	12.6	28	135			
Keldin	42	60.8	13.7	28	137	47	48	50
WB4394	42	60.2	13.6	29	137	45		
Whistler	40	60.2	12.4	28	136			
WB4311	39	60.9	13.7	26	137	40	41	
LCS Fusion AX	39	58.8	12.9	27	136			
Millie	39	60.9	14.2	26	137			
WB4623CLP	36	60.6	14.7	25	137	40		46
UI Bronze Jade	36	59.2	12.7	29	138	45		
SY Clearstone CL2	34	59.6	14.6	29	137	38	40	48
Experimental Lines								
WA8338	50	58.7	13.4	28	138			
LWH19-0907	49	59.3	13.0	25	138			
LWH19-0192	48	59.6	13.0	24	136			
PN13201002-04	44	59.6	13.2	29	137			
WA8310	44	59.5	13.0	30	138	49	52	
IDO2006	41	60.2	13.4	27	140			
LWH18-0122	40	57.2	13.5	22	136			
OR2170199R	40	59.7	12.9	26	138			
OR2160011R	39	58.5	12.9	26	138	50		
WA8309	39	58.4	13.7	22	140	48		
WA8318 CL+	38	59.5	12.8	30	139	49		
YSC-1001	37	58.6	15.0	29	140			
OR2180056R	35	57.9	13.4	26	142			
YSC-1002	32	60.1	14.9	25	132			
C.V. %	7	1.2	2.2	4	1	8	8	11
LSD (0.05)	5	1.2	0.5	2	2	4	4	4
Average	41	59.8	13.4	27	137	47	47	52
Highest	50	62.1	15.0	30	142	56	55	63
Lowest	32	57.2	12.4	22	132	38	40	46

Agronomic Information

Planting Date:	9/10/2020
Harvest Date:	7/9/2021
Seeding Rate (seeds/ft ²):	12.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	312
P ₂ O ₅ (lb/ac) 1-ft sample	113
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	5.5

Herbicide: Barage (10oz) was applied in April 2021 by the cooperator.

Trial Notes:

1. The Lind nursery was located 3 miles NE of Lind, WA.
2. The nursery was fertilized prior to seeding at a rate of 50N, 10S. No additional fertilizer was applied after spring soil sampling.
2. Overall yield was 21% lower than 2020 and test weight was 2.7 lb/bu less.

Cooperator: Bruce Sauer