

2021 WSU Variety Testing Hard Winter Wheat Trial, Almira

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								
Guardian	49	--	12.2	29	143			
<i>UI Bronze Jade</i>	49	--	11.3	32	144	59		
Keldin	48	--	12.8	33	143	67	74	89
AP18 AX	46	--	11.2	29	143			
Whistler	46	--	10.9	32	143			
Battle AX	45	--	11.6	31	144			
WB4303	43	--	11.9	28	145	51	61	
Scorpio	43	--	12.5	29	146	62		
LCS Fusion AX	43	--	10.7	33	143			
Canvas	43	--	11.2	29	143			
WB4394	42	--	12.5	34	144	62	69	
SY Clearstone CL2	40	--	13.1	34	143	60	65	77
<i>Millie</i>	40	--	12.6	28	144			
LCS Jet	39	--	12.0	26	146	60	70	87
WB4623CLP	38	--	12.6	28	144	61		
WB4311	38	--	12.6	29	145	59	68	
Experimental Lines								
PN13201002-04	52	--	12.6	32	145			
LWH19-0192	51	--	11.0	28	145			
WA8338	47	--	11.6	29	145			
WA8310	46	--	12.0	33	144	70	75	
YSC-1002	45	--	13.2	28	145			
LWH19-0907	44	--	11.6	27	146			
WA8318 CL+	43	--	10.9	33	149	60		
OR2180056R	43	--	11.8	27	148			
LWH18-0122	42	--	12.8	25	146			
<i>IDO2006</i>	40	--	12.1	29	147			
YSC-1001	39	--	12.8	31	147			
OR2170199R	36	--	12.1	29	146			
OR2160011R	36	--	11.7	26	147	63		
WA8309	34	--	13.2	21	150	58		
C.V.	9	--	6.0	10	1	9	9	11
LSD	6	--	1.4	5	2	6	5	5
Average	43	--	12.0	29	145	61	69	81
Highest	52	--	13.2	34	150	70	75	89
Lowest	34	--	10.7	21	143	51	61	75

Agronomic Information

Planting Date:	9/18/2020
Harvest Date:	7/29/2021
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	318
P ₂ O ₅ (lb/ac) 1-ft sample	196
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	4.9

Herbicide: No herbicides were applied on this trial.

Trial Notes:

1. The Almira nursery was located 12.5 miles N of Almira, WA.
2. The nursery was fertilized prior to seeding at a rate of 50N. An additional 77N was applied after soil sampling.
3. Overall yield was 47% lower than 2020. Sample size too small to measure test weight.

Cooperator: Dan & Mike McKay