

2022 WSU Variety Testing Hard Red Winter Wheat Trial, Lind

Variety Name	2022					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								
Battle AX	48	65.4	12.6	29	151			
Scorpio	48	63.9	12.7	29	156	56		
Keldin (900,000)	47	64.4	13.3	31	155			
WB4303	47	64.3	12.7	30	151			
Keldin (750,000)	47	64.2	13.3	30	155			
Whistler	46	65.0	12.5	31	153			
Keldin (1,050,000)	45	64.5	13.3	30	155			
LCS Jet	45	61.3	13.1	26	156	51	55	63
Keldin (500,000)	44	64.2	14.0	31	155	47	48	50
WB4510CLP	43	65.7	13.8	30	154			
Guardian	43	65.6	13.3	29	154			
Keldin (350,000)	43	64.1	13.7	30	155			
LCS Helix AX	43	65.0	13.1	29	150			
WB4394	42	64.6	13.3	34	155	45		
WB4311	39	64.0	14.3	29	154	40	41	
Sequoia	38	63.7	13.2	34	161			
Experimental Lines								
PN13001002-04	49	64.3	13.2	33	156			
LWH19-1103	47	63.2	12.8	28	157			
LWH19-5691	46	63.5	11.8	28	157			
LWH19-0192	44	62.8	12.7	27	157			
LWH18-0122	42	62.6	13.5	27	157			
LWH19-5663	41	62.2	12.8	29	159			
YSC-1002	41	63.7	13.6	27	152			
WA8367	41	64.0	13.4	28	159			
WA8338	41	62.1	13.0	29	158			
WA8310	41	64.3	13.6	32	157	49	52	
WA8318 CL+	39	63.0	12.3	33	161	49		
OR2170199R	38	63.2	13.0	27	158			
YSC-1001	37	62.3	14.4	32	158			
GHR10	33	63.7	15.0	30	150			
C.V. %	7	0.5	3.7	4	1	8	8	11
LSD (0.05)	7	0.7	1.1	2	2	4	4	4
Average	43	63.8	13.2	30	156	47	47	52
Highest	49	65.7	15.0	34	161	56	55	63
Lowest	33	61.3	11.8	26	150	38	40	46

*Multi-year yield averages do not include 2022 data due to very late planting.

Agronomic Information

Planting Date:	10/19/2021
Harvest Date:	8/3/2022
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	163
P ₂ O ₅ (lb/ac) 1-ft sample	108
S (lb/ac) 2-ft sample	23
pH (top 6 inches)	5.7

Herbicides: Barage (12oz) was applied on April 13 by the cooperator.

Trial Notes:

1. The nursery was located approximately 2.5 miles northeast of Lind, Wa.
2. The nursery was fertilized prior to seeding by the cooperator. An additional 68N was applied on November 16.
3. Overall yield was 5% greater and test weight was 4.0 lb/bu more than in 2021.

Cooperator: Bruce Sauer