

2022 OSU/WSU Variety Testing Hard Red Winter Wheat Trial, Eureka

Variety Name <i>Hard White Italicized</i>	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								
Scorpio	118	63.5	9.5	36	--	82	80	77
WB4510CLP	115	66.9	9.7	39	--			
Keldin (900,000)	111	66.1	9.5	39	--	76	72	74
Keldin (750,000)	111	66.0	9.2	39	--			
Keldin (1,050,000)	110	65.9	9.3	39	--			
WB4394	110	66.4	9.7	41	--	75	71	
Canvas	109	65.8	9.8	36	--	72	67	
Whistler	108	65.4	8.8	39	--			
LCS Rocket	108	62.1	9.5	34	--	75	73	76
LCS Evina	108	64.6	10.6	39	--	72	70	71
LCS Jet	107	63.5	10.0	36	--	76	72	74
Snowmass 2.0	107	65.6	9.3	38	--			
WB4303	104	63.6	9.0	37	--	69	64	70
Irv	103	64.3	10.1	37	--	72	72	69
LCS Helix AX	103	65.8	9.2	38	--			
Millie	100	66.5	10.1	36	--	71	65	64
Guardian	99	65.8	9.7	37	--	73	70	
Battle AX	97	64.3	9.4	37	--	70		
WB4311	96	66.0	10.0	35	--	65	62	66
Experimental Lines								
LWH19-1103	115	65.1	9.4	36	--			
PN13001002-04	115	64.4	9.3	42	--			
OR2190064R	112	65.0	10.0	34	--			
LWH19-0192	111	64.2	9.3	36	--	78		
WA8338	110	63.1	9.1	41	--			
LWH18-0122	110	63.9	9.8	34	--	77		
LWH19-5691	110	63.8	9.0	36	--			
WA8310	109	64.9	8.9	42	--			
WA8367	105	66.2	10.0	41	--			
YSC-1001	104	64.2	10.3	41	--	69		
LWH19-5663	103	63.8	9.8	37	--			
WA8309	100	60.9	10.0	31	--	69	67	
OR2170052H	98	63.8	9.0	39	--	70	68	
GHR10	96	66.2	11.1	38	--			
OR2160065H	96	64.1	10.3	37	--	68		
OR2170199R	94	62.6	9.8	35	--	62		
YSC-1002	88	64.3	9.4	36	--	58		
C.V. %	5	0.3	3.9	3	--	5	6	6
LSD (0.05)	9	0.5	0.8	2	--	4	4	3
Average	106	64.7	9.6	37	--	71	69	71
Highest	118	66.9	11.1	42	--	82	80	77
Lowest	88	60.9	8.8	31	--	58	62	64

Agronomic Information

Planting Date:	10/5/2021
Harvest Date:	8/11/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	212
P ₂ O ₅ (lb/ac) 1-ft sample	163
S (lb/ac) 2-ft sample	35
pH (top 6 inches)	5.2

Trial Notes:

1. The nursery was located approximately 1.5 miles northeast of Eureka, Wa.
2. The nursery was fertilized prior to seeding at a rate of 80N, 15S, 15P, 1qt Zn by the cooperator. Tracite Stand (3gal) was applied by the cooperator in the spring.
3. Overall yield was 152% greater and test weight was 1.2 lb/bu more than in 2021.

Cooperator: George Struthers

Herbicides: Anthem Flex (3oz) was applied by the cooperator in the fall.

Propicon (4oz), Wildcard, and Huskie were applied by the cooperator in the spring