

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

Variety Name	2022					2 Year	3 Year	5 Year
	Yield	Test WT	Protein	Plant HT	Head	Average	Average	Average
<i>Hard White Italicized</i>	(Bu/A)	(Lbs/Bu)	(%)	(In)	Date	(Bu/A)	(Bu/A)	(Bu/A)
Released Varieties								
Guardian	135	60.5	10.9	39	146			
Scorpio	132	60.5	11.3	36	146			
WB4303	129	61.8	10.9	40	144			
LCS Jet	128	60.3	10.9	39	146			
Keldin (1,050,000)	127	60.8	11.3	43	148			
LCS Rocket	126	60.4	11.1	37	144			
Kairos	121	61.3	11.2	35	143			
LCS Helix AX	119	60.8	11.2	41	148			
WB4394	116	62.8	11.1	44	145			
Keldin (1,200,000)	114	61.7	11.0	40	148			
<i>Irv</i>	111	61.3	11.1	41	148			
LCS Evina	110	60.5	12.9	47	153			
Canvas	109	62.6	12.3	38	144			
<i>Millie</i>	109	63.5	12.2	37	148			
Battle AX	107	62.2	12.4	41	143			
Snowmass 2.0	106	61.5	11.7	41	147			
Keldin (900,000)	105	61.4	12.3	39	146			
WB4510CLP	104	64.0	10.5	41	148			
WB4311	98	62.1	11.9	39	144			
Experimental Lines								
OR2190064R	135	61.7	11.1	40	148			
WA8369	128	60.4	10.8	38	149			
LWH18-0122	126	60.0	11.4	37	147			
PN13001002-04	126	61.2	10.8	45	147			
OR2170052H	124	60.3	11.4	38	151			
WA8368	122	60.0	11.3	38	149			
WA8309	121	57.5	11.1	32	149			
LWH19-0192	120	61.6	11.0	41	149			
LWH19-1103	116	61.8	10.9	40	146			
LWH19-5691	116	60.8	11.0	38	147			
OR2160065H	111	61.2	12.0	42	149			
LWH19-5663	108	60.8	11.9	39	147			
OR2170199R	104	59.9	11.6	37	148			
YSC-1001	104	61.9	11.1	43	149			
GHR10	104	61.1	12.4	41	143			
WA8340	104	58.4	11.0	40	152			
YSC-1002	97	61.4	12.8	39	141			
C.V. %	10	1.7	6.4	5	2			
LSD (0.05)	22	2.1	1.4	5	5			
Average	116	61.1	11.4	40	147			
Highest	135	64.0	12.9	47	153			
Lowest	97	57.5	10.5	32	141			

Agronomic Information

Planting Date:	9/30/2021
Harvest Date:	8/16/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Garbanzos
Spring soil test:	
N (lb/ac) 4-ft sample	295
P ₂ O ₅ (lb/ac) 1-ft sample	138
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	6.2

Herbicides: Zidua (4oz) was applied on November 8.

Trial Notes:

1. The nursery was located approximately 6 miles northeast of Walla Walla, Wa.
2. The nursery was fertilized prior to seeding by the cooperator. An additional 140N was applied on November 5.
3. Overall yield was 47% greater and test weight was xx lb/bu more than in 2021.

Cooperator: Jason Lynch & Jay Nowogroski