

## 2023 WSU Variety Testing Hard Red Winter Wheat Trial, Othello

Variety Name	2023					2 Year*	3 Year*	4 Year*
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>								
LCS Jet	124	63.0	12.7	25	147			
Keldin (1200k)	121	64.7	13.1	28	149			
Keldin (1050k)	120	64.1	13.6	29	148			
LCS Rocket	119	62.3	12.6	26	147			
LCS Blackbird (LWH18-0122)	116	62.1	13.1	25	147			
Keldin (900k)	112	64.1	13.6	30	148			
Kairos	108	62.5	13.6	24	146			
LCS Missile (LWH19-0192)	108	63.1	13.6	24	150			
WB4303	107	63.4	13.3	25	146			
Scorpio	107	62.0	13.6	28	154			
Canvas	106	65.8	13.2	26	145			
Keldin (750k)	105	63.7	14.4	28	149			
LCS Evina	105	60.8	14.9	29	153			
Milestone	102	63.7	13.7	28	149			
WB4311	94	63.9	14.7	24	146			
WB4394	91	64.5	13.9	28	147			
<i>Experimental Lines</i>								
WA8399	126	63.1	11.5	28	152			
LWH19-5663	119	62.5	13.6	28	151			
WA8340	114	61.6	13.8	29	154			
LWH20-0490	112	63.2	11.8	26	147			
WA8400	111	62.4	14.2	27	154			
WA8369	111	63.3	13.4	25	152			
WA8368	109	62.2	13.6	26	154			
LWH20-4802	108	64.0	14.0	26	151			
C.V. %	7	0.9	3.9	6	0.5			
LSD (0.05)	11	0.8	0.7	2	1			
Average	111	63.2	13.5	27	149			
Highest	126	65.8	14.9	30	154			
Lowest	91	60.8	11.5	24	145			

\*First year at this location so multi-year averages not available

### Agronomic Information

Planting Date:	10/25/2022
Harvest Date:	8/16/2023
Seeding Rate (seeds/ft <sup>2</sup> ):	1,050,000
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	285
P (ppm-bicarb) 2-ft sample	275
S (lb/ac) 2-ft sample	160
pH (top 6 inches)	5.8

### Trial Notes:

1. The nursery was located approximately 10.5 miles southeast of Othello, WA.
2. The nursery was fertilized prior to planting by the cooperator at a rate of 150N, 20S, and 1B.

Cooperator: Nick Johnson

**Herbicides:** Affinity (0.5oz), Approach Prima (4oz), Huskie (13oz), and Palisade (14oz) were applied by the cooperator.