



**2023 OREGON HARD WINTER WHEAT YIELD TRIALS**  
**Moro- Kaseberg Site (No-Till)**



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2023 Yield		2-Year		3-Year		4-Year		Best Estimate* Yield bu/ac
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
LCS Jet		HRW	59	3	83	1	79	4	81	1	81 ± 6
LCS Rocket		HRW	60	2	80	7	78	5	81	2	81 ± 6
LCS Missile (LWH19-0192)		HRW	63	1	83	3	80	1			81 ± 7
LCS Blackbird (LWH18-0122)		HRW	58	6	82	4	80	2			81 ± 7
Keldin		HRW	59	4	83	2	79	3	79	3	79 ± 6
Scorpio		HRW	54	13	81	5	76	6	79	4	79 ± 6
OR2190064R		HRW	50	16	79	8					75 ± 8
WA8368		HRW	56	9							75 ± 12
OR2190160R		HRW	55	11							74 ± 12
Millie		HWW	57	8	77	10	73	8	73	5	73 ± 6
WB4394		HRW	57	7	80	6	74	7	72	6	72 ± 6
PN13201002-04		HRW	59	5	77	9	71	9			72 ± 7
WA8369		HRW	53	14							72 ± 12
Irv		HWW	54	12	73	11	69	10	71	7	71 ± 6
LCS Eclipse AX	AX	HRW	52	15							71 ± 12
WB4510 CLP	CL+	HRW	44	18	72	12					69 ± 8
OR2170199R		HRW	48	17	70	13	67	11			68 ± 7
WB4303		HRW	55	10							60 ± 8
		Average	55		78		75		77		74
		LSD (0.05)	4								
		CV (%)	5.6								

\*Best linear unbiased estimators (BLUEs) are best estimators of variety performance relative to other varieties, based on up to four years of data.



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Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %
LCS Jet	HRW	A	25.4	61.3	12.5
LCS Rocket	HRW	A	29.9	59.6	11.9
LCS Missile (LWH19-0192)	HRW		28.7	61.8	11.7
LCS Blackbird (LWH18-0122)	HRW		26.7	59.6	12.7
Keldin	HRW	D	30.9	62.6	11.9
Scorpio	HRW	MD	28.2	61.3	12.1
OR2190064R	HRW		28.3	62.2	12.3
WA8368	HRW		29.2	61.2	11.8
OR2190160R	HRW		29.7	62.8	12.2
Millie	HWW	MD	28.8	63.4	12.4
WB4394	HRW	A	33.9	63.1	12.4
PN13201002-04	HRW		34.1	61.3	11.7
WA8369	HRW		28.4	61.9	12.0
Irv	HWW	MD	29.9	61.7	12.6
LCS Eclipse AX	HRW		31.7	58.2	11.4
WB4510 CLP	HRW		28.9	62.6	12.6
OR2170199R	HRW		29.0	60.4	12.5
WB4303	HRW	A	29.6	61.0	12.6
	Average		29.5	61.4	12.2
	LSD (0.05)		1.7	0.5	0.3
	CV (%)		4.1	0.6	1.9

\*Quality ratings assigned by the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A = Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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Planting Date: 10-6-2022

Harvest Date: 8-2-2023

Site Location: 45.5646, -120.8359

Row Spacing: 15"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice