



2023 OREGON HARD WINTER WHEAT YIELD TRIALS
Lexington (No-Till)



Site Description: Yield was low and protein content was high due to drought damage.

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	24	5	49	1	52	1	60	1	60 ± 6
OR2190160R		HRW	25	3							56 ± 13
LCS Blackbird (LWH18-0122)		HRW	25	4	49	2					55 ± 9
PN13201002-04		HRW	19	12	48	4					55 ± 9
LCS Missile (LWH19-0192)		HRW	22	8	48	5					55 ± 9
Scorpio		HRW	15	18	48	7	50	2	55	2	55 ± 6
WB4510 CLP	CL+	HRW	21	10	47	8					54 ± 9
LCS Rocket		HRW	24	6	46	9	45	5	53	3	53 ± 6
Keldin		HRW	25	1	48	6	47	4	52	4	52 ± 6
Irv		HWW	18	14	44	10	48	3	52	5	52 ± 6
OR2190064R		HRW	23	7	44	11					50 ± 9
WB4303		HRW	21	11							50 ± 7
WB4394		HRW	25	2	48	3	44	6	50	6	50 ± 6
WA8369		HRW	19	13							50 ± 13
OR2170199R		HRW	17	15	41	12					48 ± 9
LCS Eclipse AX	AX	HRW	17	16							47 ± 13
WA8368		HRW	16	17							47 ± 13
Millie		HWW	21	9	41	13	40	7	46	7	46 ± 6
		Average	21		46		46		53		52
		LSD (0.05)	3								
		CV (%)	9.1								

*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 %	Heading Date
LCS Jet	HRW	A	23.2	57.0	18.5	5/20
OR2190160R	HRW		24.5	55.8	18.5	5/21
LCS Blackbird (LWH18-0122)	HRW		23.3	53.8	19.3	5/20
PN13201002-04	HRW		23.5	56.2	18.8	5/23
LCS Missile (LWH19-0192)	HRW		22.4	55.8	20.2	5/23
Scorpio	HRW	MD	22.6	57.9	19.6	5/24
WB4510 CLP	HRW		25.3	61.1	17.6	5/19
LCS Rocket	HRW	A	24.2	54.2	19.3	5/20
Keldin	HRW	D	25.2	57.2	18.3	5/18
Irv	HWW	MD	23.4	56.9	19.4	5/20
OR2190064R	HRW		23.5	55.4	19.2	5/21
WB4303	HRW	A	27.0	58.8	17.5	5/14
WB4394	HRW	A	27.2	57.7	17.7	5/18
WA8369	HRW		22.7	59.0	18.3	5/24
OR2170199R	HRW		22.6	54.5	19.6	5/23
LCS Eclipse AX	HRW		23.2	54.2	18.8	5/21
WA8368	HRW		22.6	58.5	19.8	5/25
Millie	HWW	MD	25.0	57.7	19.2	5/20
	Average		24.0	56.8	18.9	5/21
	LSD (0.05)		1.0	1.3	0.5	1.8
	CV (%)		2.9	1.5	1.8	

*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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Site Description: Yield was low and protein content was high due to drought damage.

Planting Date: 10-6-2022

Harvest Date: 7-7-2023

Site Location: 45.5594, -119.6290

Fertility:60-10-0-6.5S at Planting, 30-0-0 Topdress on 3-18-2023

Row Spacing: 15"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice