



2021 OREGON HARD WINTER WHEAT YIELD TRIALS
Moro- CBARC Station (No-Till)



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2021 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	
LWH18-0122		HRW	53	1							67 ± 11
OR2160065H		HWW	43	11	53	8	65	1			62 ± 7
OR2180100R		HRW	53	2	60	1					62 ± 8
LCS Jet		HRW	43	10	57	3	65	2	60	1	60 ± 6
LWH19-0192		HRW	45	5							59 ± 11
OR2160011R		HRW	44	8	59	2	62	4			59 ± 7
PN13201002-04		HRW	45	7							58 ± 11
Keldin		HRW	45	6	57	4	62	3	58	2	58 ± 6
LCS Rocket		HRW	38	21	53	9	59	5	58	3	58 ± 6
OR2150168H		HWW	41	13	54	5					57 ± 8
IDO2006		HWW	43	9							57 ± 11
Millie		HWW	46	3	54	6	59	6	55	4	55 ± 6
Scorpio		HRW	39	20	53	10	59	7	55	5	55 ± 6
WB4311		HRW	46	4	53	11	57	8	55	6	55 ± 6
OR2180056R		HRW	41	15							54 ± 11
OR2170199R		HRW	41	16							54 ± 11
OR2160025H		HWW	40	18							54 ± 11
Canvas		HRW	37	23	51	12					54 ± 8
LWH19-0907		HRW	40	19							54 ± 11
IDO1906		HWW	41	14	50	13					52 ± 8
OR2170052H		HWW	41	17	50	14					52 ± 8
Irv		HWW	42	12	54	7	55	10	51	7	51 ± 6
Guardian		HRW	38	22	49	16					51 ± 8
LCS Evina		HRW	36	24	49	15	55	9	50	8	50 ± 6
Brawl CL Plus	CL+	HRW	33	28	44	19	50	12	48	9	48 ± 6
WB4394		HRW	33	27	46	17	50	11			47 ± 7
AP18 AX	AX	HRW	33	26							46 ± 11
WA8309		HRW	32	29							46 ± 11
Snowmass 2.0		HWW	32	30							46 ± 11
WB4623 CLP	CL+	HRW	36	25	45	18	46	13	46	10	46 ± 6
		Average	41		52		57		54		54
		LSD (0.05)	6								
		CV (%)	10								

*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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Site Description: Trial was relatively uniform.

Variety	Class	Quality*	Test Weight lbs/bu	Protein %
LWH18-0122	HRW		59.8	11.2
OR2160065H	HWW		60.7	11.9
OR2180100R	HRW		56.6	10.7
LCS Jet	HRW	A	59.1	10.1
LWH19-0192	HRW		59.7	11.7
OR2160011R	HRW		59.3	11.4
PN13201002-04	HRW		60.9	11.4
Keldin	HRW	D	61.3	11.0
LCS Rocket	HRW	A	57.0	11.8
OR2150168H	HWW		59.8	12.1
IDO2006	HWW		61.1	12.1
Millie	HWW		61.9	12.4
Scorpio	HRW	MD	58.9	12.5
WB4311	HRW	D	62.7	11.4
OR2180056R	HRW		59.8	12.3
OR2170199R	HRW		59.2	11.4
OR2160025H	HWW		60.4	10.7
Canvas	HRW		61.8	12.0
LWH19-0907	HRW		59.7	11.3
IDO1906	HWW		59.4	11.4
OR2170052H	HWW		58.1	11.5
Irv	HWW	MD	60.3	11.1
Guardian	HRW		61.9	11.3
LCS Evina	HRW	A	59.3	13.6
Brawl CL Plus	HRW		62.0	12.1
WB4394	HRW		60.0	11.6
AP18 AX	HRW		60.0	11.6
WA8309	HRW		58.6	11.6
Snowmass 2.0	HWW		60.9	11.3
WB4623 CLP	HRW	A	61.1	12.6
Average			60.0	11.6
LSD			0.9	1.2
CV (%)			1	7

*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: Trial was relatively uniform.

Planting Date: 10-14-2020

Harvest Date: 7-12-2021

Site Location: 45.48534, -120.70989

Fertility: 80-0-0 Topdress on 12-3-2020

Planting Method: No-Till Drill

Row Spacing: 15"

Fungicides: None (No Foliar Diseases Observed)

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice