



2022 OREGON HARD WINTER WHEAT YIELD TRIALS
Moro- Kaseberg Site (No-Till)



Site Description: Grain from this site had very low protein due to higher than expected yield.

Variety	Herbicide Resistance	Class	2022 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	
LWH19-1103		HRW	111	1							89 ± 12
LWH18-0122		HRW	106	6	91	1					86 ± 9
OR2190064R		HRW	107	5							86 ± 12
LCS Jet		HRW	107	4	88	4	88	1	85	1	85 ± 6
LCS Rocket		HRW	99	13	86	6	88	2	84	2	84 ± 6
LWH19-0192		HRW	103	10	89	3					84 ± 9
Scorpio		HRW	109	2	87	5	87	3	83	3	83 ± 6
Keldin		HRW	107	3	89	2	86	4	81	4	81 ± 6
WB4510 CLP	CL+	HRW	101	12							79 ± 12
Canvas		HRW	105	8	85	7	82	5			79 ± 7
IDO2006		HWW	106	7	83	8					78 ± 9
OR2170052H		HWW	96	15	81	12	79	7			76 ± 7
OR2160065H		HWW	94	19	80	13	80	6	76	5	76 ± 6
WB4394		HRW	102	11	82	10	77	10	75	6	75 ± 6
Snowmass 2.0		HWW	94	18	80	14					75 ± 9
Guardian		HRW	104	9	83	9	78	9			75 ± 7
Millie		HWW	97	14	82	11	79	8	74	7	74 ± 6
WA8309		HRW	93	20	79	15					74 ± 9
WB4311		HRW	89	23	78	16	77	12	74	8	74 ± 6
Irv		HWW	91	22	76	20	77	11	72	9	72 ± 6
PN13201002-04		HRW	95	16	77	17					72 ± 9
OR2170199R		HRW	92	21	77	18					72 ± 9
LCS Evina		HRW	83	24	73	21	72	13	72	10	72 ± 6
Brawl CL Plus	CL+	HRW	95	17	77	19	71	14	68	11	68 ± 6
		Average	99		82		80		77		78
		LSD (0.05)	13								
		CV (%)	9.3								

*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 %
LWH19-1103	HRW		38.0	62.4	7.4
LWH18-0122	HRW		34.3	61.2	8.1
OR2190064R	HRW		36.7	62.5	8.2
LCS Jet	HRW	A	35.7	60.5	7.5
LCS Rocket	HRW	A	35.3	59.6	7.3
LWH19-0192	HRW		38.3	60.0	7.2
Scorpio	HRW	MD	37.3	60.1	7.8
Keldin	HRW	D	39.3	63.1	7.9
WB4510 CLP	HRW		38.3	64.7	8.0
Canvas	HRW		36.0	63.7	8.6
IDO2006	HWW		38.7	61.8	7.6
OR2170052H	HWW		38.7	59.9	7.2
OR2160065H	HWW		37.3	61.4	8.7
WB4394	HRW	A	43.0	64.0	8.3
Snowmass 2.0	HWW		36.3	64.5	8.2
Guardian	HRW		38.0	63.3	8.1
Millie	HWW	MD	36.7	64.1	9.1
WA8309	HRW		32.7	58.7	7.5
WB4311	HRW	D	35.7	63.7	8.2
Irv	HWW	MD	37.0	61.6	7.8
PN13201002-04	HRW		43.3	61.2	8.0
OR2170199R	HRW		35.7	59.9	7.9
LCS Evina	HRW	A	40.7	61.3	7.7
Brawl CL Plus	HRW		38.7	65.1	9.4
Average			37.6	62.0	8.0
LSD (0.05)			1.8	0.5	0.6
CV (%)			3.3	0.6	5.1

*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: Grain from this site had very low protein due to higher than expected yield.

Planting Date: 10-5-2021

Harvest Date: 8-22-2022

Site Location: 45.5761, -120.8226

Fertility: 108-10-0-6S During Planting

Row Spacing: 15"

Fungicides: 13.7 oz/acre Trivapro on 5-17-2022

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice