



2022 OREGON HARD WINTER WHEAT YIELD TRIALS
Ontario (Furrow Irrigated)



Site Description: Trial was relatively uniform.

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	149	4							126 ± 15
LCS Rocket		HRW	147	6	127	3	116	1	125	1	125 ± 7
LWH18-0122		HRW	147	5	128	2					123 ± 11
LCS Jet		HRW	150	3	130	1	114	2	123	2	123 ± 7
LWH19-0192		HRW	136	12	124	4					120 ± 11
WB4510 CLP	CL+	HRW	138	11							114 ± 15
Millie		HWW	143	8	118	7	106	4	114	3	114 ± 7
Brawl CL Plus	CL+	HRW	151	2	122	5	108	3	113	4	113 ± 7
WB4394		HRW	155	1	119	6	104	6	113	5	113 ± 7
Scorpio		HRW	138	10	116	9	102	7	113	6	113 ± 7
OR2170052H		HWW	128	16	115	11	105	5			113 ± 9
IDO2006		HWW	144	7	115	10					111 ± 11
Snowmass 2.0		HWW	139	9	113	12					109 ± 11
Irv		HWW	133	13	117	8	101	8	108	7	108 ± 7
OR2160065H		HWW	129	15	113	13	98	9	107	8	107 ± 7
OR2170199R		HRW	125	18	111	14					106 ± 11
WA8309		HRW	127	17	111	15					106 ± 11
Keldin		HRW	123	21	107	17	97	10	105	9	105 ± 7
Canvas		HRW	124	19	105	18	96	11			104 ± 9
WB4311		HRW	131	14	109	16	95	12	102	10	102 ± 7
LCS Evina		HRW	108	23	101	20	92	14	101	11	101 ± 7
Guardian		HRW	115	22	102	19	93	13			101 ± 9
OR2190064R		HRW	123	20							100 ± 15
PN13201002-04		HRW	106	24	97	21					93 ± 11
		Average	134		114		102		111		110
		LSD (0.05)	15								
		CV (%)	8.3								

*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*	Test Weight lbs/bu	Protein %	Lodging %
LWH19-1103	HRW		59.4	10.5	37
LCS Rocket	HRW	A	56.3	11.1	0
LWH18-0122	HRW		58.1	11.6	2
LCS Jet	HRW	A	59.0	11.5	0
LWH19-0192	HRW		58.8	11.2	2
WB4510 CLP	HRW		61.7	11.0	32
Millie	HWW	MD	60.9	10.8	0
Brawl CL Plus	HRW		61.7	12.0	35
WB4394	HRW	A	61.9	10.8	27
Scorpio	HRW	MD	58.3	10.9	0
OR2170052H	HWW		57.9	10.6	30
IDO2006	HWW		58.7	10.9	2
Snowmass 2.0	HWW		60.4	11.3	93
Irv	HWW	MD	59.1	11.5	0
OR2160065H	HWW		59.1	11.6	0
OR2170199R	HRW		56.8	11.6	0
WA8309	HRW		54.7	11.4	0
Keldin	HRW	D	60.9	10.5	42
Canvas	HRW		60.2	11.7	33
WB4311	HRW	D	60.0	12.1	0
LCS Evina	HRW	A	57.7	13.0	0
Guardian	HRW		59.7	11.9	98
OR2190064R	HRW		57.4	12.3	0
PN13201002-04	HRW		58.7	11.3	45
	Average		59.1	11.4	20
	LSD (0.05)		0.8	0.5	32
	CV (%)		1.0	3.0	

*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: 11-5-2022

Harvest Date: 8-15-2022

Site Location: 43.9836, -117.0231

Row Spacing: 9"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice