



2022 OREGON HARD WINTER WHEAT YIELD TRIALS
Hermiston (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	148	1							136 ± 19
LCS Jet		HRW	147	3	139	1	128	1	130	1	130 ± 9
Scorpio		HRW	142	4	131	3	126	2	127	2	127 ± 9
IDO2006		HWW	141	5	131	4					127 ± 13
OR2170199R		HRW	134	10	130	5					126 ± 13
LWH18-0122		HRW	131	16	129	6					126 ± 13
WA8309		HRW	138	7	129	7					125 ± 13
WB4510 CLP	CL+	HRW	136	9							124 ± 19
LCS Rocket		HRW	147	2	133	2	119	4	124	3	124 ± 9
LWH19-0192		HRW	137	8	128	9					124 ± 13
Canvas		HRW	131	15	129	8	119	5			122 ± 11
Millie		HWW	129	17	118	15	116	6	121	4	121 ± 9
OR2160065H		HWW	126	19	116	16	111	8	121	5	121 ± 9
OR2190064R		HRW	132	13							120 ± 19
Keldin		HRW	140	6	125	10	120	3	119	6	119 ± 9
Snowmass 2.0		HWW	119	21	118	14					115 ± 13
OR2170052H		HWW	133	11	120	12	112	7			115 ± 11
PN13201002-04		HRW	126	20	116	17					112 ± 13
Irv		HWW	132	14	120	11	109	10	112	7	112 ± 9
WB4394		HRW	132	12	119	13	110	9	110	8	110 ± 9
WB4311		HRW	116	22	109	19	106	12	109	9	109 ± 9
LCS Evina		HRW	127	18	116	18	102	14	106	10	106 ± 9
Guardian		HRW	107	23	108	21	103	13			106 ± 11
Brawl CL Plus	CL+	HRW	105	24	108	20	107	11	106	11	106 ± 9
		Average	131		122		113		117		119
		LSD (0.05)	8								
		CV (%)	4.5								

*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		40.6	63.1	7.9
LCS Jet	HRW	A	39.5	62.5	8.5
Scorpio	HRW	MD	38.7	61.7	8.9
IDO2006	HWW		41.5	62.4	8.6
OR2170199R	HRW		36.6	60.8	8.7
LWH18-0122	HRW		35.6	61.6	8.7
WA8309	HRW		33.5	60.1	8.5
WB4510 CLP	HRW		44.5	64.4	8.6
LCS Rocket	HRW	A	37.6	61.7	8.1
LWH19-0192	HRW		39.0	62.1	8.4
Canvas	HRW		40.8	63.5	9.3
Millie	HWW	MD	39.2	64.2	9.3
OR2160065H	HWW		40.4	63.0	9.4
OR2190064R	HRW		38.7	63.6	8.9
Keldin	HRW	D	42.3	63.4	8.3
Snowmass 2.0	HWW		38.9	64.6	8.8
OR2170052H	HWW		44.3	63.0	8.5
PN13201002-04	HRW		47.1	62.1	8.9
Irv	HWW	MD	40.6	62.5	9.0
WB4394	HRW	A	47.1	65.0	9.0
WB4311	HRW	D	39.2	63.5	9.4
LCS Evina	HRW	A	43.3	64.0	9.0
Guardian	HRW		43.9	64.1	9.2
Brawl CL Plus	HRW		42.8	64.5	10.7
	Average		40.7	63.0	8.9
	LSD (0.05)		1.3	0.4	0.5
	CV (%)		2.3	0.4	4.3

*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: 10-5-2021

Harvest Date: 8-12-2022

Site Location: 45.7552, -119.4006

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice