

2022 OREGON HARD WINTER WHEAT YIELD TRIALS
Eureka (Conventional Tillage)



Trial was conducted in collaboration with WSU and Northwest Grain Growers

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	117	1							81 ± 9
OR2190064R		HRW	110	4							73 ± 9
WB4510 CLP	CL+	HRW	110	5							73 ± 9
Scorpio		HRW	115	2	81	1	79	1	72	1	72 ± 5
LWH19-5691		HRW	109	6							72 ± 9
PN13201002-04		HRW	111	3	77	2					71 ± 7
Whistler		HRW	107	11							70 ± 9
LWH19-0192		HRW	106	15	77	3					70 ± 7
Keldin (750,000 Seeds/Acre)		HRW	107	12							70 ± 9
Keldin (1,050,000 Seeds/Acre)		HRW	107	13							70 ± 9
LWH18-0122		HRW	107	8	77	4					70 ± 7
WA8338		HRW	106	14							70 ± 9
WB4394		HRW	107	7	74	8	70	6	69	2	69 ± 5
WA8310		HRW	105	16							69 ± 9
Keldin (900,000 Seeds/Acre)		HRW	107	10	75	5	72	2	69	3	69 ± 5
LCS Rocket		HRW	107	9	75	6	71	3	68	4	68 ± 5
Snowmass 2.0		HWW	104	17							68 ± 9
LCS Jet		HRW	103	19	74	7	71	4	67	5	67 ± 5
LCS Evina		HRW	104	18	71	9	69	7	66	6	66 ± 5
Guardian		HRW	99	27	71	10	69	8			66 ± 5
WA8367		HRW	102	21							65 ± 9
Irv		HWW	102	20	70	12	70	5	65	7	65 ± 5
WB4303		HRW	98	28	69	17	63	14	64	8	64 ± 5
LCS Helix AX	AX	HRW	101	24							64 ± 9
YSC-1001		HRW	101	23	70	15					63 ± 7
OR2170052H		HWW	99	25	70	13	66	9			63 ± 5
Canvas		HRW	102	22	71	11	66	10			63 ± 5
LWH19-5663		HRW	99	26							63 ± 9
Battle AX	AX	HRW	93	34	69	16					62 ± 7
WA8309		HRW	96	30	69	18	66	11	61	9	61 ± 5
WB4311		HRW	94	33	64	20	61	15	61	10	61 ± 5
OR2160065H		HWW	96	29	67	19	64	12	60	11	60 ± 5
Millie		HWW	95	31	70	14	63	13	58	12	58 ± 5
GHR10		HRW	94	32							57 ± 9
OR2170199R		HRW	91	35	62	21					55 ± 7
YSC-1002		HRW	86	36	58	22					52 ± 7
		Average	103		71		68		65		66
		LSD (0.05)	5								
		CV (%)	3.7								

*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		36.4	63.3	9.4
OR2190064R	HRW		33.6	63.2	10.0
WB4510 CLP	HRW		39.3	65.0	9.7
Scorpio	HRW	MD	36.0	61.7	9.4
LWH19-5691	HRW		36.3	61.9	9.0
PN13201002-04	HRW		42.0	62.6	9.3
Whistler	HRW		39.4	63.6	8.8
LWH19-0192	HRW		36.3	62.4	9.3
Keldin (750,000 Seeds/Acre)	HRW		38.6	64.2	9.1
Keldin (1,050,000 Seeds/Acre)	HRW		38.7	64.0	9.3
LWH18-0122	HRW		33.7	62.1	9.8
WA8338	HRW		41.0	61.4	9.1
WB4394	HRW	A	41.2	64.6	9.6
WA8310	HRW		41.7	63.1	8.9
Keldin (900,000 Seeds/Acre)	HRW	D	38.7	64.2	9.4
LCS Rocket	HRW	A	33.7	60.3	9.5
Snowmass 2.0	HWW		38.0	63.8	9.3
LCS Jet	HRW	A	36.0	61.7	10.0
LCS Evina	HRW	A	39.0	62.7	10.6
Guardian	HRW		37.3	63.9	9.7
WA8367	HRW		40.6	64.4	10.0
Irv	HWW	MD	36.7	62.5	10.1
WB4303	HRW		36.6	61.8	9.0
LCS Helix AX	HRW		37.6	64.1	9.2
YSC-1001	HRW		41.0	62.4	10.3
OR2170052H	HWW		38.7	62.0	9.0
Canvas	HRW		36.0	64.1	9.8
LWH19-5663	HRW		37.0	62.0	9.8
Battle AX	HRW		37.3	62.5	9.4
WA8309	HRW		31.3	59.2	10.0
WB4311	HRW	D	34.7	64.2	10.0
OR2160065H	HWW		36.7	62.3	10.2
Millie	HWW	MD	35.6	64.6	10.1
GHR10	HRW		38.0	64.3	11.1
OR2170199R	HRW		34.7	60.8	9.7
YSC-1002	HRW		35.7	62.5	9.4
Average			37.4	62.9	9.6
LSD (0.05)			1.3	0.3	0.4
CV (%)			2.4	0.3	2.9

*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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Planting Date: 10-5-2021

Harvest Date: 8-11-2022

Site Location: 46.3231, -118.5891

Row Spacing: 7.5"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice