



**2022 OREGON HARD WINTER WHEAT YIELD TRIALS**  
**Pendleton (Conventional Tillage)**



Site Description: Stripe rust severity was moderate on susceptible varieties.

Multi-year yield averages include data from 2022, 2021, 2020, and 2018.

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	
OR2190064R		HRW	128	2							119 ± 17
LWH19-1103		HRW	127	3							118 ± 17
LCS Rocket		HRW	128	1	101	1	111	1	116	1	116 ± 8
Keldin		HRW	123	4	101	2	108	2	111	2	111 ± 8
LWH18-0122		HRW	119	8	98	3					110 ± 12
OR2170052H		HWW	117	10	95	6	103	3			108 ± 10
PN13201002-04		HRW	119	6	96	4					108 ± 12
LWH19-0192		HRW	119	7	96	5					107 ± 12
WB4510 CLP	CL+	HRW	115	12							107 ± 17
Millie		HWW	121	5	94	7	100	4	105	3	105 ± 8
Scorpio		HRW	118	9	93	8	98	5	104	4	104 ± 8
WB4394		HRW	108	15	90	9	95	6			100 ± 10
OR2170199R		HRW	115	13	89	10					100 ± 12
LCS Evina		HRW	114	14	88	12	95	7	100	5	100 ± 8
Irv		HWW	106	16	88	11	93	8	99	6	99 ± 8
LCS Jet		HRW	98	20	86	14	88	13	98	7	98 ± 8
OR2160065H		HWW	103	18	85	16	92	9			97 ± 10
WA8309		HRW	116	11	86	15					97 ± 12
Guardian		HRW	97	22	86	13	91	10			96 ± 10
WB4311		HRW	99	19	82	20	91	11	96	8	96 ± 8
Canvas		HRW	97	21	85	17	90	12			95 ± 10
Snowmass 2.0		HWW	93	23	84	18					95 ± 12
IDO2006		HWW	104	17	84	19					95 ± 12
Brawl CL Plus	CL+	HRW	87	24	80	21	80	14	82	9	82 ± 8
		Average	111		90		95		101		103
		LSD (0.05)	6								
		CV (%)	4.0								

\*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: Stripe rust severity was moderate on susceptible varieties.

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %	Heading Date
OR2190064R	HRW		36.0	62.9	11.0	6/8
LWH19-1103	HRW		38.7	63.6	10.2	6/7
LCS Rocket	HRW	A	37.1	60.9	10.4	6/6
Keldin	HRW	D	40.8	64.2	10.6	6/7
LWH18-0122	HRW		34.7	61.3	11.3	6/6
OR2170052H	HWW		41.9	62.0	10.4	6/9
PN13201002-04	HRW		43.7	61.9	11.0	6/7
LWH19-0192	HRW		42.0	61.9	10.3	6/7
WB4510 CLP	HRW		40.9	65.0	10.5	6/6
Millie	HWW	MD	36.6	64.3	11.4	6/7
Scorpio	HRW	MD	36.0	60.9	10.4	6/8
WB4394	HRW	A	44.2	63.3	10.7	6/5
OR2170199R	HRW		36.0	60.1	10.4	6/9
LCS Evina	HRW	A	44.1	62.2	11.6	6/11
Irv	HWW	MD	39.0	62.0	10.9	6/7
LCS Jet	HRW	A	39.4	61.3	10.7	6/6
OR2160065H	HWW		40.6	61.5	11.5	6/7
WA8309	HRW		30.1	59.5	10.7	6/9
Guardian	HRW		39.4	63.6	11.1	6/5
WB4311	HRW	D	38.4	63.8	11.7	6/5
Canvas	HRW		37.3	62.9	10.7	6/5
Snowmass 2.0	HWW		38.3	61.0	9.9	5/30
IDO2006	HWW		40.5	61.5	10.2	6/9
Brawl CL Plus	HRW		39.0	62.7	11.7	5/28
	Average		38.9	62.3	10.8	6/6
	LSD (0.05)		1.6	0.6	0.3	0.8
	CV (%)		3.0	0.7	1.9	

\*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



## 2022 OREGON HARD WINTER WHEAT YIELD TRIALS Pendleton (Conventional Tillage)



Site Description: Stripe rust severity was moderate on susceptible varieties.

Planting Date: 11-10-2021

Harvest Date: 8-3-2022

Site Location: 45.7236, -118.6313

Fertility: 90-0-0 Prior to Planting, 138-0-0 Topdress on 4-5-2022, 55-0-0 Topdress on 5-4-22

Row Spacing: 7.5"

Fungicides: None

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice

