



**2021 OREGON HARD WINTER WHEAT YIELD TRIALS
Hermiston (Irrigated)**



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2021 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	
OR2150168H		HWW	118	15	124	2					132 ± 13
OR2160011R		HRW	127	3	125	1	130	1			131 ± 11
LWH18-0122		HRW	128	2							130 ± 18
OR2180056R		HRW	126	4							128 ± 18
OR2170199R		HRW	126	6							127 ± 18
LCS Jet		HRW	132	1	119	3	125	2	126	1	126 ± 9
Scorpio		HRW	119	13	118	4	122	3	126	2	126 ± 9
OR2180100R		HRW	125	7	117	5					125 ± 13
IDO2006		HWW	121	8							123 ± 18
LWH19-0907		HRW	120	9							122 ± 18
WA8309		HRW	120	10							122 ± 18
OR2160025H		HWW	120	11							122 ± 18
OR2160065H		HWW	107	21	104	11	119	4			121 ± 11
Canvas		HRW	126	5	113	6					120 ± 13
LWH19-0192		HRW	119	14							120 ± 18
Snowmass 2.0		HWW	118	16							119 ± 18
LCS Rocket		HRW	120	12	105	10	116	6	119	3	119 ± 9
Millie		HWW	107	22	109	8	118	5	118	4	118 ± 9
Keldin		HRW	109	18	110	7	112	7	116	5	116 ± 9
Guardian		HRW	109	19	102	12					109 ± 13
OR2170052H		HWW	106	23	101	14					108 ± 13
Irv		HWW	108	20	97	16	105	10	108	6	108 ± 9
PN13201002-04		HRW	106	24							108 ± 18
WB4311		HRW	102	28	101	13	106	8	106	7	106 ± 9
WB4394		HRW	105	25	99	15	103	11			104 ± 11
AP18 AX	AX	HRW	102	27							104 ± 18
IDO1906		HWW	97	30	95	17					102 ± 13
LCS Evina		HRW	104	26	89	19	100	12	102	8	102 ± 9
Brawl CL Plus	CL+	HRW	112	17	108	9	106	9	102	9	102 ± 9
WB4623 CLP	CL+	HRW	98	29	90	18	91	13	90	10	90 ± 9
		Average	115		107		112		111		116
		LSD (0.05)	14								
		CV (%)	9								

*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 %
OR2150168H	HWV		61.4	11.8
OR2160011R	HRW		61.3	10.1
LWH18-0122	HRW		61.9	11.1
OR2180056R	HRW		61.0	11.2
OR2170199R	HRW		60.5	10.6
LCS Jet	HRW	A	60.8	10.5
Scorpio	HRW	MD	60.9	9.9
OR2180100R	HRW		58.1	9.3
IDO2006	HWV		62.1	9.9
LWH19-0907	HRW		61.2	10.2
WA8309	HRW		61.0	11.4
OR2160025H	HWV		62.7	9.4
OR2160065H	HWV		61.5	11.1
Canvas	HRW		64.2	11.3
LWH19-0192	HRW		61.7	10.9
Snowmass 2.0	HWV		64.1	10.6
LCS Rocket	HRW	A	59.7	10.2
Millie	HWV		63.3	10.6
Keldin	HRW	D	63.2	10.4
Guardian	HRW		64.0	11.9
OR2170052H	HWV		62.1	10.5
Irv	HWV	MD	62.9	10.4
PN13201002-04	HRW		63.0	10.4
WB4311	HRW	D	62.9	11.1
WB4394	HRW		63.4	12.0
AP18 AX	HRW		64.3	11.6
IDO1906	HWV		60.6	10.3
LCS Evina	HRW	A	61.7	11.5
Brawl CL Plus	HRW		63.8	12.7
WB4623 CLP	HRW	A	63.8	12.8
	Average		62.1	10.9
	LSD		1.1	1.1
	CV (%)		1	8

*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: 10-1-2020

Harvest Date: 7-8-2021

Site Location: 45.81818, -119.28575

Fertility: 60-0-0-10S Prior to Planting, 120-0-0 Topdress on 4-6-2021

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Significant Foliar Diseases Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice