



2021 OREGON HARD WINTER WHEAT YIELD TRIALS
La Grande (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	
LCS Rocket		HRW	147	2	155	1	149	1	154	1	154 ± 10
LWH19-0192		HRW	148	1							154 ± 20
LWH19-0907		HRW	144	3							149 ± 20
LCS Jet		HRW	138	7	149	2	140	2	145	2	145 ± 10
IDO2006		HWW	138	6							144 ± 20
OR2170052H		HWW	138	8	145	5					143 ± 14
LWH18-0122		HRW	137	9							143 ± 20
AP18 AX	AX	HRW	136	11							142 ± 20
LCS Evina		HRW	130	19	140	8	135	5	142	3	142 ± 10
WB4394		HRW	140	5	147	4	137	4			142 ± 11
Keldin		HRW	140	4	147	3	138	3	141	4	141 ± 10
PN13201002-04		HRW	135	12							141 ± 20
OR2180056R		HRW	134	13							140 ± 20
WA8309		HRW	134	14							140 ± 20
OR2160011R		HRW	127	22	142	7	134	6			139 ± 11
Scorpio		HRW	132	16	142	6	133	7	138	5	138 ± 10
OR2170199R		HRW	132	15							137 ± 20
OR2180100R		HRW	129	20	139	10					137 ± 14
Snowmass 2.0		HWW	131	17							137 ± 20
OR2150168H		HWW	129	21	138	11					136 ± 14
Millie		HWW	124	24	140	9	131	8	136	6	136 ± 10
Guardian		HRW	137	10	137	12					135 ± 14
Canvas		HRW	130	18	135	13					133 ± 14
OR2160025H		HWW	123	25							129 ± 20
OR2160065H		HWW	116	27	128	14	121	9			126 ± 11
Irv		HWW	124	23	126	15	116	11	125	7	125 ± 10
WB4311		HRW	118	26	126	16	117	10	123	8	123 ± 10
IDO1906		HWW	108	30	118	18					116 ± 14
Brawl CL Plus	CL+	HRW	112	28	120	17	113	12	116	9	116 ± 10
WB4623 CLP	CL+	HRW	112	29	113	19	108	13	111	10	111 ± 10
		Average	131		136		129		133		136
		LSD (0.05)	7								
		CV (%)	4								

*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 %	Heading Date
LCS Rocket	HRW	A	33.6	61.7	11.4	6/3
LWH19-0192	HRW		33.9	63.9	11.5	6/3
LWH19-0907	HRW		32.1	63.1	11.3	6/6
LCS Jet	HRW	A	32.7	62.5	11.9	6/4
IDO2006	HWW		34.5	63.4	11.4	6/5
OR2170052H	HWW		35.9	61.9	10.8	6/5
LWH18-0122	HRW		31.5	63.0	12.6	6/2
AP18 AX	HRW		35.4	64.4	11.1	5/31
LCS Evina	HRW	A	35.5	62.5	12.1	6/6
WB4394	HRW		39.5	65.0	12.0	6/2
Keldin	HRW	D	37.3	64.3	11.5	6/2
PN13201002-04	HRW		39.6	64.9	11.4	6/3
OR2180056R	HRW		32.3	62.9	11.7	6/6
WA8309	HRW		27.8	60.7	11.1	6/6
OR2160011R	HRW		32.7	62.9	11.4	6/3
Scorpio	HRW	MD	31.6	63.0	12.2	6/4
OR2170199R	HRW		32.2	61.9	12.0	6/4
OR2180100R	HRW		29.6	60.6	11.7	6/5
Snowmass 2.0	HWW		35.0	64.4	12.1	5/29
OR2150168H	HWW		32.2	62.9	12.0	6/4
Millie	HWW		34.1	64.4	12.4	6/3
Guardian	HRW		36.3	64.7	11.4	6/2
Canvas	HRW		34.4	65.4	12.2	6/1
OR2160025H	HWW		32.4	63.9	12.1	6/3
OR2160065H	HWW		33.7	62.9	12.7	6/3
Irv	HWW	MD	33.7	63.3	12.3	6/3
WB4311	HRW	D	33.6	64.1	12.9	6/2
IDO1906	HWW		31.5	61.7	12.7	6/1
Brawl CL Plus	HRW		35.8	64.1	13.8	5/30
WB4623 CLP	HRW	A	35.8	64.5	13.4	6/2
Average			33.9	63.3	12.0	6/4
LSD			1.3	0.3	0.4	1.8
CV (%)			3	0.3	2	

*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: 10-2-2020

Harvest Date: 8-17-2021

Site Location: 45.4638, -118.0002

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Diseases Observed)

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice