



2021 OREGON HARD WINTER WHEAT YIELD TRIALS
Condon (Conventional Tillage)



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 Jet		HRW	40	2	49	1	51	1	54	1	54 ± 4
LWH18-0122		HRW	41	1							53 ± 7
LWH19-0192		HRW	39	3							51 ± 7
OR2160011R		HRW	33	16	42	5	46	4			48 ± 4
Scorpio		HRW	33	18	40	8	46	5	48	2	48 ± 4
Guardian		HRW	35	9	42	4					47 ± 5
LCS Rocket		HRW	37	5	43	2	47	2	47	3	47 ± 4
Irv		HWW	33	17	43	3	46	3	47	4	47 ± 4
AP18 AX	AX	HRW	35	8							47 ± 7
Canvas		HRW	34	11	41	7					47 ± 5
Snowmass 2.0		HWW	35	10							47 ± 7
Keldin		HRW	38	4	42	6	44	6	47	5	47 ± 4
OR2170199R		HRW	34	12							45 ± 7
OR2180056R		HRW	33	13							45 ± 7
LCS Evina		HRW	30	27	39	9	43	7	45	6	45 ± 4
LWH19-0907		HRW	33	14							45 ± 7
OR2170052H		HWW	31	25	39	11					44 ± 5
OR2150168H		HWW	32	20	39	12					44 ± 5
WB4623 CLP	CL+	HRW	32	23	36	19	42	8	44	7	44 ± 4
OR2160065H		HWW	30	28	37	15	42	9			44 ± 4
WB4311		HRW	36	7	39	10	40	10	43	8	43 ± 4
PN13201002-04		HRW	32	21							43 ± 7
IDO2006		HWW	32	22							43 ± 7
OR2160025H		HWW	31	24							43 ± 7
OR2180100R		HRW	32	19	37	16					42 ± 5
IDO1906		HWW	30	26	36	18					42 ± 5
WB4394		HRW	33	15	38	13	40	11			42 ± 4
Millie		HWW	29	29	36	17	39	13	42	9	42 ± 4
Brawl CL Plus	CL+	HRW	36	6	38	14	39	12	41	10	41 ± 4
WA8309		HRW	24	30							36 ± 7
		Average	33		40		43		46		45
		LSD (0.05)	3								
		CV (%)	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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Site Description: Trial was relatively uniform.

Variety	Class	Quality*	Test Weight lbs/bu	Protein %
LCS Jet	HRW	A	58.6	11.6
LWH18-0122	HRW		57.9	12.0
LWH19-0192	HRW		59.2	11.6
OR2160011R	HRW		56.1	12.2
Scorpio	HRW	MD	58.4	12.7
Guardian	HRW		62.1	12.6
LCS Rocket	HRW	A	57.7	12.0
Irv	HWW	MD	58.8	12.8
AP18 AX	HRW		60.5	11.6
Canvas	HRW		62.4	11.9
Snowmass 2.0	HWW		62.3	10.7
Keldin	HRW	D	61.4	12.2
OR2170199R	HRW		58.4	12.4
OR2180056R	HRW		56.9	12.8
LCS Evina	HRW	A	55.0	13.6
LWH19-0907	HRW		58.3	12.6
OR2170052H	HWW		58.0	12.5
OR2150168H	HWW		57.9	12.9
WB4623 CLP	HRW	A	61.2	12.7
OR2160065H	HWW		58.3	13.0
WB4311	HRW	D	61.7	12.2
PN13201002-04	HRW		59.3	12.7
IDO2006	HWW		59.1	12.4
OR2160025H	HWW		59.9	12.3
OR2180100R	HRW		54.4	11.5
IDO1906	HWW		59.0	12.5
WB4394	HRW		60.1	12.1
Millie	HWW		61.5	12.9
Brawl CL Plus	HRW		63.0	11.9
WA8309	HRW		53.1	14.0
Average			59.0	12.4
LSD			0.7	0.5
CV (%)			1	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: 10-7-2020

Harvest Date: 7-22-2021

Site Location: 45.2450, -120.1129

Fertility: 40-0-0 Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 15"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice

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