



2021 OREGON HARD WINTER WHEAT YIELD TRIALS
Moro - Kaseberg Site (No-Till)



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	73	3	82	1	79	1	90	1	90 ± 6
LCS Jet		HRW	70	7	79	3	78	2	88	2	88 ± 6
LWH18-0122		HRW	75	1							88 ± 12
LWH19-0192		HRW	75	2							88 ± 12
OR2160011R		HRW	73	4	80	2	78	3			86 ± 7
OR2180100R		HRW	71	6	76	5					83 ± 9
Scorpio		HRW	65	15	76	4	74	4	82	3	82 ± 6
OR2150168H		HWW	63	19	72	8					79 ± 9
OR2160025H		HWW	67	8							79 ± 12
Keldin		HRW	72	5	76	6	72	5	79	4	79 ± 6
IDO1906		HWW	64	18	72	9					79 ± 9
AP18 AX	AX	HRW	66	12							78 ± 12
Snowmass 2.0		HWW	65	13							78 ± 12
OR2160065H		HWW	66	11	72	7	70	6			78 ± 7
OR2170052H		HWW	65	14	71	10					78 ± 9
Canvas		HRW	64	16	70	12					77 ± 9
WA8309		HRW	64	17							77 ± 12
WB4311		HRW	66	9	71	11	69	7	76	5	76 ± 6
LCS Evina		HRW	62	20	67	16	69	8	76	6	76 ± 6
Millie		HWW	66	10	70	14	67	9	75	7	75 ± 6
OR2170199R		HRW	62	22							75 ± 12
OR2180056R		HRW	62	23							75 ± 12
WB4394		HRW	62	21	64	18	66	10			74 ± 7
Irv		HWW	60	26	70	13	66	11	74	8	74 ± 6
LWH19-0907		HRW	61	25							74 ± 12
Guardian		HRW	62	24	65	17					72 ± 9
IDO2006		HWW	60	27							72 ± 12
PN13201002-04		HRW	59	29							72 ± 12
WB4623 CLP	CL+	HRW	59	28	68	15	65	12	71	9	71 ± 6
Brawl CL Plus	CL+	HRW	59	30	59	19	60	13	68	10	68 ± 6
		Average	65		72		70		78		78
		LSD (0.05)	4								
		CV (%)	5								

*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 %
LCS Rocket	HRW	A	30.3	58.2	10.9
LCS Jet	HRW	A	27.3	59.1	11.4
LWH18-0122	HRW		27.0	59.0	11.4
LWH19-0192	HRW		30.3	60.6	10.6
OR2160011R	HRW		29.7	58.8	11.0
OR2180100R	HRW		25.3	56.2	10.1
Scorpio	HRW	MD	30.3	59.3	11.2
OR2150168H	HWW		29.0	59.3	11.2
OR2160025H	HWW		29.7	60.0	11.3
Keldin	HRW	D	31.0	61.4	11.8
IDO1906	HWW		28.7	58.4	11.7
AP18 AX	HRW		28.3	60.9	10.8
Snowmass 2.0	HWW		26.3	61.4	11.8
OR2160065H	HWW		31.3	60.3	11.8
OR2170052H	HWW		32.0	57.9	10.4
Canvas	HRW		28.3	62.9	11.6
WA8309	HRW		26.7	58.2	11.6
WB4311	HRW	D	28.3	63.1	11.5
LCS Evina	HRW	A	34.0	58.2	11.8
Millie	HWW		31.0	63.3	11.4
OR2170199R	HRW		29.0	58.8	11.0
OR2180056R	HRW		30.0	58.8	11.5
WB4394	HRW		33.7	60.9	11.6
Irv	HWW	MD	29.3	59.7	11.9
LWH19-0907	HRW		29.0	58.9	11.5
Guardian	HRW		29.7	61.8	11.5
IDO2006	HWW		29.0	60.3	11.9
PN13201002-04	HRW		32.0	60.6	11.7
WB4623 CLP	HRW	A	29.3	61.9	12.2
Brawl CL Plus	HRW		31.0	63.1	12.5
Average			29.6	60.0	11.4
LSD			1.5	0.8	0.7
CV (%)			4	1	4

*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: 10-8-2020

Harvest Date: 7-30-2021

Site Location: 45.5632, -120.8304

Fertility: 108-10-0-6.5S At Planting

Planting Method: No-Till Drill

Row Spacing: 15"

Fungicides: None (No Foliar Diseases Observed)

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice