

2020 OREGON HARD WINTER ELITE YIELD TRIALS
Ontario (Irrigated)



Site Description: Trial was relatively uniform.

Variety	Class	2020 Yield		2-Year Average		3-Year Average		4-Year Average		Best Estimate* Yield bu/ac
		Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
LCS Rocket	HRW	94	3	122	1					122 ± 8
LCS Jet	HRW	82	7	115	2					115 ± 8
LWH16-10541	HRW	87	4							115 ± 12
LCS Zoom	HRW	94	2	115	3					115 ± 8
OR2160008R	HRW	94	1	113	4					113 ± 8
OR2170052H	HWW	84	5							112 ± 12
LCS Aymeric	HRW	81	9	112	5					112 ± 8
WA 8289	HRW	82	8	111	6					111 ± 8
Scorpio (WA 8268)	HRW	75	19	110	7					110 ± 8
Millie	HWW	82	6	109	8					109 ± 8
CO15D098R	HRW	81	10							109 ± 12
AP Redeye (05PN044-20)	HRW	78	13	108	9					108 ± 8
WB 4394	HRW	73	22	108	10					108 ± 8
OR2160169R	HRW	79	11							107 ± 12
OR2160011R	HRW	74	21	107	11					107 ± 8
LWH17-5083	HRW	77	15							106 ± 12
Canvas (CO12D1770)	HRW	76	16							105 ± 12
Brawl CL Plus	HRW	78	12	105	12					105 ± 8
Keldin	HRW	78	14	103	13					103 ± 8
Guardian (CO13D0787)	HRW	75	20							103 ± 12
Clearstone CL2	HRW	76	17	102	14					102 ± 8
LCS Evina	HRW	75	18	102	15					102 ± 8
OR2160065H	HWW	69	27	102	16					102 ± 8
IDO1906	HWW	73	23							101 ± 12
OR2150168H	HWW	72	25							100 ± 12
WB 4303	HRW	70	26	100	17					100 ± 8
Irv	HWW	67	29	99	18					99 ± 8
WB 4623 CLP	HRW	72	24	97	19					97 ± 8
OR2150100R	HRW	68	28							96 ± 12
WB 4311 (XA 4104)	HRW	66	30	95	20					95 ± 8
	Average	78		107						106
	LSD (0.05)	12								
	CV (%)	11								

*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	D	37.0	62.6	8.5
LCS Jet	HRW	A	36.0	63.7	8.0
LWH16-10541	HRW		34.8	62.0	8.1
LCS Zoom	HRW	A	37.5	62.2	8.6
OR2160008R	HRW		35.8	62.4	9.1
OR2170052H	HWW		39.0	64.4	8.3
LCS Aymeric	HRW		35.0	61.8	8.0
WA 8289	HRW		35.0	63.1	8.2
Scorpio (WA 8268)	HRW		35.5	62.9	8.2
Millie	HWW		36.8	65.8	9.0
CO15D098R	HRW		41.0	65.6	8.3
AP Redeye (05PN044-20)	HRW		35.8	65.0	8.6
WB 4394	HRW		42.3	66.4	9.1
OR2160169R	HRW		37.3	63.1	8.5
OR2160011R	HRW		36.8	63.1	8.3
LWH17-5083	HRW		42.3	64.2	8.8
Canvas (CO12D1770)	HRW		36.5	65.6	8.6
Brawl CL Plus	HRW		38.0	66.3	9.5
Keldin	HRW	A	38.3	65.6	8.3
Guardian (CO13D0787)	HRW		40.8	66.3	8.6
Clearstone CL2	HRW	D	42.3	64.3	8.5
LCS Evina	HRW	D	39.0	64.6	8.7
OR2160065H	HWW		36.3	63.8	8.5
IDO1906	HWW		35.3	63.2	9.5
OR2150168H	HWW		33.5	62.8	8.4
WB 4303	HRW		41.5	65.1	9.0
Irv	HWW		38.0	64.0	8.3
WB 4623 CLP	HRW	MD	39.3	66.5	9.3
OR2150100R	HRW		34.5	64.1	8.8
WB 4311 (XA 4104)	HRW		35.8	65.4	9.0
	Average		37.5	64.2	8.6
	LSD (0.05)		2.2	0.5	0.6
	CV (%)		4	1	5

*Quality rating based on data from 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: 11/1/2019

Harvest Date: 7/29/2020

Site location: 43.983233, -117.022090

Fertility: 50 lbs N, 100 lbs P, 100 lbs S, 10 lbs Mn, 2 lbs B prior to planting, 280 lbs N spring top dress

Planting method: Conventional drill- modified for furrow irrigation

Row spacing: 10"

Fungicides: None