



2019 OREGON HARD WINTER ELITE YIELD TRIALS Eureka (Conventional Tillage)



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial appeared to be relatively uniform.

Trial was conducted in collaboration with Washington State University and Northwest Grain Growers

Entry	Variety	Class	Quality ^a	2019 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
104	LGWF15-2112	HRW		68.9	1				
101	OR2160011R	HRW		68.2	2				
87	WB 4303	HRW		67.3	3	81.1	2	67.8	5
89	WB 4394	HRW		67.0	4				
84	AP Redeye (05PN044-20)	HRW		66.1	5				
100	OR2160008R	HRW		62.4	6				
85	Keldin	HRW	A	60.0	7	79.3	4	72.2	2
93	LCS Aymeric	HRW		59.7	8	74.9	6	65.6	8
92	LCS Rocket (NSA 10-2196)	HRW	D	58.7	9	82.1	1	73.0	1
88	WB 4311 (XA 4104)	HRW		58.3	10	74.6	8	68.7	4
78	UI Bronze Jade (IDO 1706)	HWV		57.3	11				
94	LCS Zoom (LWW14-73915)	HRW		56.8	12	75.3	5	66.9	6
91	LCS Jet	HRW	A	56.4	13	79.7	3	70.5	3
82	SY Touchstone (04PN028B-3)	HRW	LD	56.4	14	71.8	11	60.9	9
90	LCS Evina	HRW	D	56.1	15	74.8	7	65.9	7
106	LWH16-10541	HRW		55.2	16				
105	LGWF15-2213	HRW		54.9	17				
86	WB 4623 CLP	HRW	MD	54.3	18				
83	Clearstone CL2	HRW		53.6	19				
80	WA 8268	HRW		53.0	20	73.8	10		
79	Brawl CL+	HRW		50.9	21				
95	Irv	HWV		50.7	22	66.2	12	55.5	10
81	WA 8289	HRW		49.8	23	74.6	9		
102	OR2160089R	HRW		49.4	24				
98	OR2160065H	HWV		48.3	25				
99	OR2150169R	HRW		47.8	26				
107	WA 8309	HRW		46.9	27				
103	IDO1608	HRW		45.3	28				
96	Millie	HWV		41.6	29	65.7	13		
	Site Average			56.0		74.9		66.7	
	LSD (0.05)			5.3					
	CV (%)			6.7					

†The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

‡Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

* Indicates check variety.

†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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Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %
104	LGWF15-2112	HRW	26.3	62.3	12.0
101	OR2160011R	HRW	30.3	62.3	12.0
87	WB 4303	HRW	30.0	62.5	12.2
89	WB 4394	HRW	37.0	65.0	12.1
84	AP Redeye (05PN044-20)	HRW	30.3	63.8	11.8
100	OR2160008R	HRW	28.0	61.7	12.5
85	Keldin	HRW	32.0	64.4	12.1
93	LCS Aymeric	HRW	26.7	61.1	11.1
92	LCS Rocket (NSA 10-2196)	HRW	30.0	62.8	11.8
88	WB 4311 (XA 4104)	HRW	29.7	63.8	12.5
78	UI Bronze Jade (IDO 1706)	HWW	34.3	61.9	11.5
94	LCS Zoom (LWW14-73915)	HRW	30.7	61.5	11.9
91	LCS Jet	HRW	29.0	62.4	12.2
82	SY Touchstone (04PN028B-3)	HRW	26.7	63.6	12.9
90	LCS Evina	HRW	33.7	62.6	13.2
106	LWH16-10541	HRW	27.0	62.0	12.0
105	LGWF15-2213	HRW	26.3	62.8	12.9
86	WB 4623 CLP	HRW	31.3	63.6	14.0
83	Clearstone CL2	HRW	34.7	62.7	13.3
80	WA 8268	HRW	29.0	63.3	13.0
79	Brawl CL+	HRW	31.3	64.8	12.9
95	Inv	HWW	28.7	63.4	12.7
81	WA 8289	HRW	28.3	63.2	11.8
102	OR2160089R	HRW	26.3	64.7	12.5
98	OR2160065H	HWW	29.7	62.9	13.2
99	OR2150169R	HRW	29.0	62.0	13.1
107	WA 8309	HRW	24.3	62.3	13.2
103	IDO1608	HRW	32.0	60.9	13.2
96	Millie	HWW	28.7	64.2	13.7
	Site Average		29.6	62.9	12.5
	LSD (0.05)		1.7	0.6	0.3
	CV (%)		4.1	0.7	1.9

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