



## 2019 OREGON HARD WINTER ELITE YIELD TRIALS Hermiston (Irrigated)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial appeared to be relatively uniform.

Plots were not treated with fungicide.

Entry	Variety	Class	Quality <sup>a</sup>	2019 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
4	WA 8289	HRW		159.0	1	155.2	1		
22	OR2150169R	HRW		153.6	2				
21	OR2160065H	HWW		150.0	3				
16	LCS Aymeric	HRW		139.1	4	140.5	2	143.6	1
24	OR2160011R	HRW		138.3	5				
5	SY Touchstone (04PN028B-3)	HRW	LD	138.3	6	136.7	3	135.3	4
15	LCS Rocket (NSA 10-2196)	HRW	D	138.0	7	133.3	5	138.1	2
19	Millie	HWW		137.7	8	127.4	8	130.3	7
17	LCS Zoom (LWW14-73915)	HRW		137.6	9	132.4	7	136.0	3
10	WB 4303	HRW		137.1	10	125.5	9		
25	OR2160089R	HRW		135.8	11				
14	LCS Jet	HRW	A	135.3	12	133.1	6	135.0	6
23	OR2160008R	HRW		134.5	13				
7	AP Redeye (05PN044-20)	HRW		132.6	14				
3	WA 8268	HRW		129.9	15	133.3	4	135.1	5
18	Irv	HWW		121.1	16				
13	LCS Evina	HRW	D	121.0	17	115.2	11	121.4	8
11	WB 4311 (XA 4104)	HRW		116.5	18	111.2	12	113.9	10
8	Keldin	HRW	A	115.8	19	121.9	10	118.9	9
1	UI Bronze Jade (IDO 1706)	HWW		112.3	20				
12	WB 4394	HRW		111.2	21				
6	Clearstone CL2	HRW		105.6	22	95.6	14	99.7	11
2	Brawl CL+	HRW		103.4	23	95.9	13	93.0	13
9	WB 4623 CLP	HRW	MD	92.9	24	90.1	15	95.4	12
	Site Average			130.4		123.1		122.8	
	LSD (0.05)			20.5					
	CV (%)			11.3					

†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 %
4	WA 8289	HRW	34.8	61.5	12.0
22	OR2150169R	HRW	40.3	63.0	13.5
21	OR2160065H	HWW	39.3	60.8	14.0
16	LCS Aymeric	HRW	35.3	58.9	12.1
24	OR2160011R	HRW	37.8	60.8	12.7
5	SY Touchstone (04PN028B-3)	HRW	35.7	63.5	13.6
15	LCS Rocket (NSA 10-2196)	HRW	34.8	60.9	13.2
19	Millie	HWW	37.7	63.4	13.3
17	LCS Zoom (LWW14-73915)	HRW	37.7	61.2	13.4
10	WB 4303	HRW	39.3	62.5	13.5
25	OR2160089R	HRW	37.8	62.2	12.8
14	LCS Jet	HRW	36.7	62.2	13.5
23	OR2160008R	HRW	36.5	60.9	13.2
7	AP Redeye (05PN044-20)	HRW	34.5	62.6	13.8
3	WA 8268	HRW	36.8	61.7	13.4
18	Irv	HWW	39.5	61.0	13.5
13	LCS Evina	HRW	43.0	61.8	15.7
11	WB 4311 (XA 4104)	HRW	36.8	63.4	14.8
8	Keldin	HRW	36.3	62.1	13.9
1	UI Bronze Jade (IDO 1706)	HWW	42.5	59.8	13.3
12	WB 4394	HRW	43.5	63.3	14.1
6	Clearstone CL2	HRW	42.0	62.3	14.8
2	Brawl CL+	HRW	39.7	63.3	14.1
9	WB 4623 CLP	HRW	38.3	63.2	15.1
	Site Average		38.1	61.8	13.6
	LSD (0.05)		2.1	1.6	0.8
	CV (%)		3.9	1.8	4.0

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