



2018 OREGON HARD WINTER ELITE YIELD TRIALS CBARC (No-till)



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Uniform field, except some rodent damage.

Two and three year averages include data from CBARC and the Ruggs farm (5 miles away).

Plots were not treated with fungicide.

Entry	Variety	Class	Quality [†]	2018 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
3	LCS Rocket (NSA 10-2196)	HRW	D	130.8	1	123.4	2	119.6	1
2	LCS Jet	HRW	A	129.8	2	118.9	3	113.3	3
5	LCS Zoom (LWW14-73915)	HRW		129.1	3	127.4	1		
22	WA 8289	HRW		123.5	4				
17	XB 4542 (EXP)	HRW		122.8	5				
21	WA 8268	HRW		121.6	6	116.6	4		
7	NSA 12-2472	HRW		121.6	7				
26	OR2130021R	HRW		121.3	8	115.5	6		
6	LCS Abraham	HRW		120.4	9				
27	OR2140074R	HRW		120.1	10				
4	LCS Aymeric	HRW		120.0	11	115.3	7	117.1	2
12	Keldin	HRW	A	119.8	12	100.0	17	92.3	10
30	OR2130118H	HWW		118.3	13	115.7	5		
29	OR2110679	HWW		116.0	14	110.6	8	111.6	4
16	OR2120358H	HWW		115.9	15				
14	WB 4303	HRW		115.9	16				
8	Mandala	HRW		114.1	17	104.0	12		
28	Breck (CO12D2011)	HWW		113.4	18	110.3	9		
1	LCS Evina	HRW	D	113.3	19	102.1	14	103.9	6
11	WB Arrowhead	HRW		110.9	20	107.6	11	103.7	7
19	SY Touchstone (04PN028B-3)	HRW	LD	110.6	21	108.2	10	110.4	5
15	WB 4311 (XA 4104)	HRW		110.1	22	102.0	15		
25	Langin	HRW		107.8	23				
20	Clearstone CL2	HRW		105.4	24	99.2	19	92.0	11
18	Whetstone	HRW	MD	105.0	25	99.6	18	96.6	9
13	WB 4623 CLP	HRW	MD	104.9	26	97.7	20	99.2	8
9	Metropolis	HRW		102.6	27	101.5	16		
10	Rebelde	HRW		99.2	28	103.8	13		
23	YS-401	HRW		89.8	29				
24	Brawl CL+	HRW		89.5	30	72.2	21	60.5	12
	Site Average			114.3		107.2		101.7	
	LSD (0.05)			7.5					
	CV (%)			4.7					

[†]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 %	Heading Date
3	LCS Rocket (NSA 10-2196)	HRW	33.8	62.5	10.0	5-19
2	LCS Jet	HRW	37.8	63.4	10.1	5-18
5	LCS Zoom (LWW14-73915)	HRW	38.5	62.5	10.0	5-17
22	WA 8289	HRW	33.0	62.4	10.2	5-22
17	XB 4542 (EXP)	HRW	44.0	65.0	10.5	5-23
21	WA 8268	HRW	35.8	63.2	10.3	5-24
7	NSA 12-2472	HRW	40.0	61.7	9.9	5-18
26	OR2130021R	HRW	36.8	64.6	10.7	5-24
6	LCS Abraham	HRW	34.0	62.2	10.2	5-19
27	OR2140074R	HRW	36.8	62.0	10.8	5-25
4	LCS Aymeric	HRW	32.7	60.3	9.2	5-23
12	Keldin	HRW	37.8	64.9	9.7	5-23
30	OR2130118H	HWW	36.5	65.1	10.2	5-23
29	OR2110679	HWW	38.3	62.6	9.9	5-22
16	OR2120358H	HWW	37.8	63.7	10.5	5-23
14	WB 4303	HRW	35.8	63.6	10.7	5-16
8	Mandala	HRW	45.3	64.3	10.3	5-25
28	Breck (CO12D2011)	HWW	39.0	65.4	10.1	5-17
1	LCS Evina	HRW	43.5	62.8	11.3	5-27
11	WB Arrowhead	HRW	41.8	64.5	10.6	5-21
19	SY Touchstone (04PN028B-3)	HRW	33.3	63.9	10.4	5-24
15	WB 4311 (XA 4104)	HRW	34.0	65.1	10.6	5-16
25	Langin	HRW	35.3	63.6	10.0	5-15
20	Clearstone CL2	HRW	43.8	63.8	10.1	5-24
18	Whetstone	HRW	39.5	63.7	10.5	5-21
13	WB 4623 CLP	HRW	40.3	64.4	12.1	5-23
9	Metropolis	HRW	34.3	65.3	11.7	5-17
10	Rebelde	HRW	33.3	64.9	11.6	5-18
23	YS-401	HRW	42.8	62.4	10.2	5-16
24	Brawl CL+	HRW	37.7	64.3	10.7	5-15
	Site Average		37.8	63.6	10.4	5-20
	LSD (0.05)		1.2	1.1	0.9	1.1
	CV (%)		2.3	1.3	6.1	

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