



## 2018 OREGON HARD WINTER ELITE YIELD TRIALS Moro-Kaseberg (No-Till)



Site Quality Index† = 3.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial had no apparent field effects.

Plots were not treated with fungicide.

Entry	Variety	Class	Quality <sup>†</sup>	2018 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
6	LCS Abraham	HRW		122.6	1				
3	LCS Rocket (NSA 10-2196)	HRW	D	120.5	2	114.0	4	103.5	3
2	LCS Jet	HRW	A	119.1	3	116.0	2	106.7	1
22	WA 8289	HRW		115.8	4				
4	LCS Aymeric	HRW		112.2	5	114.8	3	105.9	2
5	LCS Zoom (LWW14-73915)	HRW		111.5	6	117.6	1		
14	WB 4303	HRW		108.5	7				
25	Langin	HRW		108.2	8				
21	WA 8268	HRW		106.4	9	111.8	5		
27	OR2140074R	HRW		104.8	10				
30	OR2130118H	HWW		100.9	11	106.1	6		
12	Keldin	HRW	A	100.6	12	102.9	10	95.2	5
19	SY Touchstone (04PN028B-3)	HRW	LD	100.3	13	105.9	8	96.7	4
15	WB 4311 (XA 4104)	HRW		99.9	14	106.0	7		
16	OR2120358H	HWW		99.9	15				
29	OR2110679	HWW		99.4	16	101.7	12	90.4	7
28	Breck (CO12D2011)	HWW		98.4	17	105.0	9		
7	NSA 12-2472	HRW		98.2	18				
1	LCS Evina	HRW	D	98.1	19	100.1	13	90.4	8
9	Metropolis	HRW		94.7	20	95.6	17		
26	OR2130021R	HRW		91.9	21	102.8	11		
24	Brawl CL+	HRW		91.3	22	94.0	18	82.5	11
11	WB Arrowhead	HRW		90.9	23	92.3	19	88.3	10
10	Rebelde	HRW		90.6	24	96.1	16		
18	Whetstone	HRW	MD	90.0	25	97.6	15	91.1	6
13	WB 4623 CLP	HRW	MD	89.3	26	99.0	14	90.0	9
17	XB 4542 (EXP)	HRW		86.3	27				
8	Mandala	HRW		73.0	28	82.6	20		
23	YS-401	HRW		69.0	29				
20	Clearstone CL2	HRW		68.8	30	80	21	77	12
	Site Average			99.0		102.0		93.2	
	LSD (0.05)			8.7					
	CV (%)			6.3					

<sup>†</sup>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.

<sup>‡</sup>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.

<sup>†</sup>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 %
6	LCS Abraham	HRW	35.8	62.0	7.9
3	LCS Rocket (NSA 10-2196)	HRW	35.0	60.8	7.4
2	LCS Jet	HRW	36.8	62.9	8.4
22	WA 8289	HRW	34.5	62.7	8.0
4	LCS Aymeric	HRW	33.3	60.9	7.9
5	LCS Zoom (LWW14-73915)	HRW	36.8	62.2	8.5
14	WB 4303	HRW	37.3	63.4	8.4
25	Langin	HRW	35.8	61.7	7.4
21	WA 8268	HRW	35.0	62.0	8.3
27	OR2140074R	HRW	35.8	62.0	8.5
30	OR2130118H	HWW	36.0	65.2	8.6
12	Keldin	HRW	39.3	64.7	8.0
19	SY Touchstone (04PN028B-3)	HRW	35.3	63.6	8.5
15	WB 4311 (XA 4104)	HRW	35.3	64.4	8.7
16	OR2120358H	HWW	36.5	63.3	9.2
29	OR2110679	HWW	37.3	63.1	8.6
28	Breck (CO12D2011)	HWW	40.3	66.9	8.6
7	NSA 12-2472	HRW	38.8	61.8	7.7
1	LCS Evina	HRW	40.8	63.9	8.7
9	Metropolis	HRW	36.0	64.7	9.2
26	OR2130021R	HRW	36.7	63.2	8.6
24	Brawl CL+	HRW	38.5	65.7	9.2
11	WB Arrowhead	HRW	41.0	64.3	8.9
10	Rebelde	HRW	33.8	65.7	9.5
18	Whetstone	HRW	39.3	63.9	8.9
13	WB 4623 CLP	HRW	39.3	64.7	9.7
17	XB 4542 (EXP)	HRW	42.8	65.1	8.4
8	Mandala	HRW	41.5	64.8	8.7
23	YS-401	HRW	41.8	63.0	8.3
20	Clearstone CL2	HRW	42.7	63.4	8.6
	Site Average		37.6	63.5	8.5
	LSD (0.05)		1.0	0.7	0.6
	CV (%)		1.8	0.8	5.3

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