



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



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Protein lower than expected- possible fertilizer error.

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
4	LCS Aymeric	HRW		63.6	1	63.0	2	57.4	3
2	LCS Jet	HRW	A	59.8	2	63.5	1	58.5	1
22	WA 8289	HRW		59.5	3				
3	LCS Rocket (NSA 10-2196)	HRW	D	58.2	4	62.5	3	58.1	2
7	NSA 12-2472	HRW		57.3	5				
6	LCS Abraham	HRW		56.5	6				
5	LCS Zoom (LWW14-73915)	HRW		56.4	7	59.1	7		
14	WB 4303	HRW		55.5	8				
15	WB 4311 (XA 4104)	HRW		55.4	9	61.9	4		
29	OR2110679	HWW		54.6	10	56.5	11	51.4	7
26	OR2130021R	HRW		54.2	11	58.0	8		
19	SY Touchstone (04PN028B-3)	HRW	LD	54.1	12	60.1	5	54.5	5
12	Keldin	HRW	A	53.7	13	59.7	6	55.2	4
9	Metropolis	HRW		53.4	14	54.7	15		
20	Clearstone CL2	HRW		53.2	15	53.0	19	46.0	12
30	OR2130118H	HWW		52.5	16	57.3	9		
25	Langin	HRW		52.3	17				
24	Brawl CL+	HRW		52.3	18	55.3	14	48.6	10
10	Rebelde	HRW		52.2	19	55.9	12		
27	OR2140074R	HRW		52.1	20				
16	OR2120358H	HWW		52.0	21				
17	XB 4542 (EXP)	HRW		51.7	22				
1	LCS Evina	HRW	D	51.6	23	56.8	10	51.7	6
8	Mandala	HRW		51.3	24	53.4	18		
21	WA 8268	HRW		48.4	25	55.9	13		
11	WB Arrowhead	HRW		46.6	26	54.5	16	49.9	8
23	YS-401	HRW		46.6	27				
18	Whetstone	HRW	MD	46.1	28	53.9	17	49.2	9
13	WB 4623 CLP	HRW	MD	45.7	29	53.0	20	48.5	11
28	Breck (CO12D2011)	HWW		44.0	30	52.0	21		
	Site Average			53.3		57.1		52.4	
	LSD (0.05)			5.6					
	CV (%)			7.4					

†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	LCS Aymeric	HRW	27.5	58.4	6.7
2	LCS Jet	HRW	27.5	59.9	7.1
22	WA 8289	HRW	30.0	60.7	7.1
3	LCS Rocket (NSA 10-2196)	HRW	30.0	59.0	7.1
7	NSA 12-2472	HRW	30.8	59.5	8.0
6	LCS Abraham	HRW	31.0	60.1	7.6
5	LCS Zoom (LWW14-73915)	HRW	29.8	59.4	7.8
14	WB 4303	HRW	33.3	61.3	7.6
15	WB 4311 (XA 4104)	HRW	31.3	62.3	7.8
29	OR2110679	HWW	32.0	61.7	7.3
26	OR2130021R	HRW	31.0	61.7	8.2
19	SY Touchstone (04PN028B-3)	HRW	29.8	62.6	7.9
12	Keldin	HRW	33.3	62.7	7.9
9	Metropolis	HRW	31.3	63.1	8.5
20	Clearstone CL2	HRW	35.3	61.5	7.6
30	OR2130118H	HWW	31.8	63.4	7.7
25	Langin	HRW	30.5	60.7	7.4
24	Brawl CL+	HRW	34.8	64.1	8.1
10	Rebelde	HRW	30.0	63.4	8.7
27	OR2140074R	HRW	30.3	59.8	7.0
16	OR2120358H	HWW	31.0	61.5	7.6
17	XB 4542 (EXP)	HRW	34.8	63.7	7.6
1	LCS Evina	HRW	29.8	60.9	7.7
8	Mandala	HRW	31.3	62.3	7.7
21	WA 8268	HRW	30.3	59.9	8.8
11	WB Arrowhead	HRW	33.3	62.9	8.2
23	YS-401	HRW	34.3	61.5	8.0
18	Whetstone	HRW	33.3	62.3	7.9
13	WB 4623 CLP	HRW	30.3	63.2	7.7
28	Breck (CO12D2011)	HWW	33.0	65.2	8.5
	Site Average		31.4	61.7	7.7
	LSD (0.05)		1.4	0.5	0.7
	CV (%)		3.2	0.6	6.7

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