



## 2018 OREGON SPRING BARLEY VARIETY TRIALS Pendleton (No-Till)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: No major field effects were noted.

Plots were not treated with fungicide.

2-year data includes data from 2018 and 2016.

Entry	Variety	Class	2018 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield	Rank	Yield	Rank	Yield	Rank
			lbs/acre		lbs/acre		lbs/acre	
11	Lyon	Feed	3831	1	4018	5		
2	Champion	Feed	3790	2	4297	1		
4	Oreana	Feed	3784	3	4088	2		
1	Altorado	Feed	3727	4	3948	6		
3	Claymore	Feed	3661	5	3814	8		
12	Survivor	Feed	3657	6	3889	7		
8	LCS Sienna	Malt	3636	7				
9	LCS Vespa	Feed	3594	8	4037	4		
20	13WA-135.3	Malt	3556	9				
19	13WA-135.26	Malt	3536	10				
7	LCS Opera	Malt	3513	11				
6	LCS Odyssey	Malt	3410	12	4074	3		
18	13WA-101.2	Malt	3344	13				
17	DH120058	Malt	3267	14				
13	Havener	Food	3266	15	3500	11		
10	Full Pint	Malt	3158	16	3622	10		
16	AD120341	Malt	3024	17				
5	LCS Genie	Malt	2969	18	3657	9		
14	Meg's Song	Food	2960	19				
15	DH120285	Malt	2913	20				
	Site Average		3430		3904			
	LSD (0.05)		423					
	CV (%)		8.7					

<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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Site Description: No major field effects were noted.

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Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %
11	Lyon	Feed	23.5	54.8	9.7
2	Champion	Feed	25.5	56.6	9.8
4	Oreana	Feed	21.8	54.9	10.5
1	Altorado	Feed	24.3	54.4	9.4
3	Claymore	Feed	26.5	53.5	9.2
12	Survivor	Feed	24.3	54.8	9.9
8	LCS Sienna	Malt	23.5	53.8	9.4
9	LCS Vespa	Feed	22.0	54.5	9.0
20	13WA-135.3	Malt	25.8	55.3	9.9
19	13WA-135.26	Malt	23.0	56.4	9.4
7	LCS Opera	Malt	20.3	53.5	8.7
6	LCS Odyssey	Malt	22.0	53.2	8.9
18	13WA-101.2	Malt	25.5	53.9	10.0
17	DH120058	Malt	24.3	53.8	10.0
13	Havener	Food	26.8	65.2	10.4
10	Full Pint	Malt	21.3	55.2	11.1
16	AD120341	Malt	18.3	56.2	9.9
5	LCS Genie	Malt	20.8	54.6	9.0
14	Meg's Song	Food	25.8	63.8	12.1
15	DH120285	Malt	20.5	53.4	11.2
	Site Average		23.3	55.6	9.9
	LSD (0.05)		1.8	0.7	1.0
	CV (%)		5.5	0.8	7.3

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