2018 OREGON SPRING BARLEY VARIETY TRIALS
Madras (Irrigated)

Site Quality Index† = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial suffered from heavy bird damage.

Plots were treated with 6 oz/ac Headline at flag leaf.

Entry	Variety	Class		2018 Yield Data‡			2-Year Yield Data			3-Year Yield Data	
				Yield	Rank		Yield	Rank		Yield	Rank
				bu/ac			bu/ac			bu/ac	
9	LCS Vespa	Feed		6716	1		6551	2			
4	Oreana	Feed		6534	2		6942	1			
10	Full Pint	Malt		6363	3		6014	5			
5	LCS Genie	Malt		6098	4		6329	4			
7	LCS Opera	Malt		6081	5						
8	LCS Sienna	Malt		6059	6						
16	AD120341	Malt		5973	7						
6	LCS Odyssey	Malt		5969	8		6331	3			
15	DH120285	Malt		5607	9						
19	13WA-135.26	Malt		5601	10						
2	Champion	Feed		5450	11		5837	7			
17	DH120058	Malt		5448	12						
11	Lyon	Feed		5396	13		5774	8			
3	Claymore	Feed		5387	14		5669	9			
18	13WA-101.2	Malt		5322	15						
12	Survivor	Feed		5154	16		5509	10			
1	Altorado	Feed		5120	17		5976	6			
20	13WA-135.3	Malt		4729	18						
14	Meg's Song	Food		4719	19						
13	Havener	Food		3821	20		4509	11			
	Site Average			5577			5949				
	LSD (0.05)			1077							
	CV (%)			13.6							

†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

2018 OREGON SPRING BARLEY VARIETY TRIALS
Madras (Irrigated)

Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial suffered from heavy bird damage.

Plots were treated with 6 oz/ac Headline at flag leaf.

Entry	Variety	Class		Height	Test Weight	Protein
				in	lbs/bu	%
9	LCS Vespa	Feed		29.0	53.6	13.2
4	Oreana	Feed		29.0	54.0	13.1
10	Full Pint	Malt		25.8	54.6	13.7
5	LCS Genie	Malt		28.8	54.3	12.5
7	LCS Opera	Malt		27.5	52.4	12.7
8	LCS Sienna	Malt		30.8	54.4	11.7
16	AD120341	Malt		24.0	53.6	13.5
6	LCS Odyssey	Malt		28.0	53.7	12.3
15	DH120285	Malt		26.3	53.8	14.0
19	13WA-135.26	Malt		28.0	55.7	13.6
2	Champion	Feed		32.5	54.7	13.7
17	DH120058	Malt		29.8	53.0	13.4
11	Lyon	Feed		27.5	53.7	13.4
3	Claymore	Feed		34.8	53.1	12.8
18	13WA-101.2	Malt		32.0	53.9	14.3
12	Survivor	Feed		30.0	54.6	14.0
1	Altorado	Feed		31.3	54.1	14.2
20	13WA-135.3	Malt		30.8	54.0	14.2
14	Meg's Song	Food		32.0	63.2	15.2
13	Havener	Food		32.8	63.5	13.8
	Site Average			29.5	54.9	13.5
	LSD (0.05)			3.9	1.6	1.3
	CV (%)			9.3	2.1	6.6

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