



2017 OREGON SPRING BARLEY VARIETY TRIALS MADRAS (Irrigated)



Site Quality Index[†] = 2
1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability reduced site quality index score at this site.
New site for 2017.

Entry	Variety	Class	2017 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield	Rank	Yield	Rank	Yield	Rank
			lbs/ac		lbs/ac		lbs/ac	
19	OREANA (BZ 509-448)	2 Row Feed	7350	1				
20	ALTORADO (BZ 509-601)	2 Row Feed	6833	2				
16	LCS ODYSSEY	2 Row Malt	6694	3				
15	LCS GENIE	2 Row Malt	6561	4				
14	LCS VESPA	2 Row Feed	6386	5				
17	CHAMPION*	2 Row Feed	6223	6				
2	LYON	2 Row Feed	6153	7				
1	MUIR	2 Row Feed	6053	8				
12	AAC SYNERGY	2 Row Malt	6011	9				
18	CLAYMORE (BZ 509-216)	2 Row Feed	5951	10				
5	SURVIVOR (07WA-203)	2 Row Feed	5864	11				
6	FULL PINT	2 Row Malt	5665	12				
3	HAVENER	2 Row Food	5197	13				
11	OR DH 130939	2 Row Malt	5000	14				
4	T1	2 Row Food	4818	15				
10	OR DH 120228	2 Row Malt	4609	16				
8	OR DH 120412	2 Row Malt	3913	17				
7	OR DH 130718	2 Row Malt	3840	18				
9	OR DH 130004	2 Row Malt	3048	19				
	Site Average		5558					
	LSD (0.05)		869					
	CV (%)		10.5					

[†] 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. Grain yields in bold met or exceeded the protein targets for their class.

* Indicates check variety.



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Entry	Variety	Class		Test Weight	Plant Height	Lodging	Protein
				lbs/bu	inches	%	%
19	OREANA (BZ 509-448)	2 Row Feed		53.1	26.8	1.3	11.2
20	ALTORADO (BZ 509-601)	2 Row Feed		53.8	30.8	17.5	11.5
16	LCS ODYSSEY	2 Row Malt		52.0	23.5	0.0	10.9
15	LCS GENIE	2 Row Malt		52.9	26.5	0.0	10.9
14	LCS VESPA	2 Row Feed		52.8	24.3	0.0	11.3
17	CHAMPION*	2 Row Feed		53.7	34.3	15.0	12.6
2	LYON	2 Row Feed		52.6	27.8	18.8	11.6
1	MUIR	2 Row Feed		53.3	29.0	8.8	10.8
12	AAC SYNERGY	2 Row Malt		51.8	31.0	22.5	11.6
18	CLAYMORE (BZ 509-216)	2 Row Feed		52.4	30.8	8.8	11.3
5	SURVIVOR (07WA-203)	2 Row Feed		53.8	28.3	1.3	11.4
6	FULL PINT	2 Row Malt		53.5	23.5	0.0	12.8
3	HAVENER	2 Row Food		63.0	31.5	35.0	11.6
11	OR DH 130939	2 Row Malt		52.0	30.8	0.0	14.3
4	T1	2 Row Food		62.4	29.3	0.0	12.3
10	OR DH 120228	2 Row Malt		51.6	28.5	87.5	12.9
8	OR DH 120412	2 Row Malt		51.2	26.3	0.0	11.5
7	OR DH 130718	2 Row Malt		50.5	26.0	0.0	14.8
9	OR DH 130004	2 Row Malt		49.3	24.3	0.0	15.8
	Site Average			53.4	27.9	10.8	12.2
	LSD (0.05)			0.9	3.5	28.7	1.2
	CV (%)			1.3	8.8	187.4	6.9

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