



## 2017 OREGON SPRING BARLEY VARIETY TRIALS SOUTH WILLAMETTE VALLEY (Irrigated)



Site Quality Index<sup>†</sup> = 2

1 = Poor 3 = Average 5 = Excellent

**Site Description: High plot to plot variability reduced site quality index score at this site.  
Data for 2015 and 2016 is not available for this site.**

Long term data not available for this site.

Entry	Variety	Class	2017 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield	Rank	Yield	Rank	Yield	Rank
			lbs/ac		lbs/ac		lbs/ac	
2	LYON	2 Row Feed	5770	1				
19	OREANA (BZ 509-448)	2 Row Feed	5327	2				
16	LCS ODYSSEY	2 Row Malt	5127	3				
18	CLAYMORE (BZ 509-216)	2 Row Feed	5074	4				
14	LCS VESPA	2 Row Feed	5027	5				
15	LCS GENIE	2 Row Malt	4924	6				
20	ALTORADO (BZ 509-601)	2 Row Feed	4761	7				
5	SURVIVOR (07WA-203)	2 Row Feed	4669	8				
6	FULL PINT	2 Row Malt	4222	10				
10	OR DH 120228	2 Row Malt	4222	11				
17	CHAMPION*	2 Row Feed	4125	12				
12	AAC SYNERGY	2 Row Malt	3856	13				
3	HAVENER	2 Row Food	3576	14				
1	MUIR	2 Row Feed	3499	15				
11	OR DH 130939	2 Row Malt	3434	16				
4	T1	2 Row Food	3366	17				
9	OR DH 130004	2 Row Malt	2507	18				
8	OR DH 120412	2 Row Malt	2266	19				
7	OR DH 130718	2 Row Malt	2226	20				
	Site Average		4121					
	LSD (0.05)		610					
	CV (%)		9.1					

<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. 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	Heading Date	Protein
				lbs/bu	inches	DOY	%
2	LYON	2 Row Feed		53.9	29.0	160.3	8.6
19	OREANA (BZ 509-448)	2 Row Feed		54.5	27.0	165.8	8.3
16	LCS ODYSSEY	2 Row Malt		53.4	26.0	166.8	7.8
18	CLAYMORE (BZ 509-216)	2 Row Feed		54.5	30.3	160.8	7.9
14	LCS VESPA	2 Row Feed		53.5	26.0	166.3	8.4
15	LCS GENIE	2 Row Malt		55.1	25.8	168.0	8.3
20	ALTORADO (BZ 509-601)	2 Row Feed		54.2	30.5	164.5	7.8
5	SURVIVOR (07WA-203)	2 Row Feed		54.6	30.5	160.8	8.6
6	FULL PINT	2 Row Malt		54.9	26.3	165.5	10.2
10	OR DH 120228	2 Row Malt		54.4	32.8	163.5	9.6
17	CHAMPION*	2 Row Feed		54.4	29.5	160.8	8.5
12	AAC SYNERGY	2 Row Malt		52.0	30.0	162.0	8.6
3	HAVENER	2 Row Food		64.7	30.5	163.5	8.9
1	MUIR	2 Row Feed		54.4	27.8	159.5	7.9
11	OR DH 130939	2 Row Malt		53.9	29.5	158.5	11.0
4	T1	2 Row Food		64.0	30.8	165.3	10.3
9	OR DH 130004	2 Row Malt		50.0	24.0	161.5	13.1
8	OR DH 120412	2 Row Malt		50.2	23.5		9.4
7	OR DH 130718	2 Row Malt		50.9	20.0	160.5	12.5
	Site Average			54.6	27.7	163.1	9.3
	LSD (0.05)			0.9	3.2	5.3	0.5
	CV (%)			1.1	8.1	2.3	3.9

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