

Summary of grain yield, grain protein content, disease susceptibility and agronomic characteristics for malting barley varieties grown in fall planted UC variety trials at rainfed locations across the state of CA between the 2016-2017 and 2018-2019 seasons.

Years	Name	3-yr Yield (lb/acre)	3-yr St.Err. Yield (lb/acre)	Yield diff. from overall mean	3-yr Protein (%)	3-yr St.Err. Protein (%)	Thousand Kernel Wt (g)	S. Rust rating	Powdery Mildew (1-8)	Scald (1-8)	Spot Blotch (1-8)	Days to heading (from Jan. 1, Davis)	Days to maturity (from Jan. 1, Davis)	Plant Height (in)	Lodging risk
2017-2019	LCS GENIE	3865	563	541	9.52	1.55	36.0	MR	1	1	3	108	135	30	Low
2017-2019	LCS ODYSSEY	3792	606	468	9.16	1.60	37.1	MR	2	4	4	110	143	30	Med. Low
2017-2019	UC 1911	3673	1067	349	9.43	1.98	45.1	R	4	4	3	110	147	33	Low
2017-2019	OSU FULL PINT	3642	712	318	10.74	1.61	40.2	R	6	3	4	100	134	27	Low
2017-2019	UC TAHOE	3359	615	35	9.41	1.60	37.5	R	1	3	3	100	137	31	Med. Low
2017-2019	UC B9K94	3313	740	-11	10.56	1.59	32.2	-	-	-	-	94	134	32	Low
2017-2019	UC BUTTA 12	3297	599	-27	10.45	1.60	45.3	R	5	4	4	102	137	33	Med. High
2017-2019	UC CAPAY	3113	610	-211	9.23	1.58	49.9	R	1	4	3	92	137	38	Low
2017-2019	ACC SYNERGY	2930	699	-394	10.05	1.60	39.2	S	1	6	2	98	137	35	Low
2017-2019	UC 1915	2884	1067	-441	10.99	1.98	44.8	R	1	3	3	111	147	33	Med. High
2017-2019	CDC COPELAND	2812	661	-512	11.09	1.57	36.1	S	5	6	4	98	138	35	Med. Low
2017-2019	KLAGES	2743	699	-581	8.86	1.75	38.2	S	1	6	3	97	134	32	High

Disease rating scale, area of upper leaves affected:

- 1 = 0-3%
- 2 = 4-14%
- 3 = 15-29%
- 4 = 30-49%
- 5 = 50-69%
- 6 = 70-84%
- 7 = 85-95%
- 8 = 95-100%

Varieites are classified for stripe rust risk as Resistant (R) if the average rating less than or equal to 2, Moderately Resistant (MR) if the average rating less than or equal to 3, Moderately Susceptible (MS) if the average rating less than or equal to 4, and Susceptible (S) if the average rating is greater than 4.