

Summary of grain yield, grain protein content, disease susceptibility and agronomic characteristics for malting barley varieties grown in fall planted UC variety trials across the state of CA between the 2017-2018 and 2019-2020 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
2018-2020	LCS ODYSSEY	4631	530	674	10.17	0.92	37.1	MR	2	4	4	110	143	30	Med. Low
2018-2020	UC 1911	4479	545	522	10.39	0.96	45.1	R	4	4	3	110	147	33	Low
2018-2020	OSU FULL PINT	4285	535	328	11.62	0.93	40.2	R	6	3	4	100	134	27	Low
2018-2020	UC TAHOE	4220	531	262	10.54	0.92	37.5	R	1	3	3	100	137	31	Med. Low
2018-2020	LCS GENIE	4211	521	254	10.66	0.90	36.0	MR	1	1	3	108	135	30	Low
2018-2020	UC B9K94	4036	564	79	11.20	0.95	32.2	-	-	-	-	94	134	32	Low
2018-2020	UC BUTTA 12	3925	531	-32	11.15	0.92	45.3	R	5	4	4	102	137	33	Med. High
2018-2020	UC 1915	3923	548	-34	11.78	0.96	44.8	R	1	3	3	111	147	33	Med. High
2018-2020	UC CAPAY	3628	530	-329	10.13	0.92	49.9	R	1	4	3	92	137	38	Low
2018-2020	ACC SYNERGY	3558	529	-399	10.54	0.92	39.2	S	1	6	2	98	137	35	Low
2018-2020	CDC COPELAND	3505	528	-452	11.55	0.91	36.1	S	5	6	4	98	138	35	Med. Low
2018-2020	KLAGES	3085	532	-872	11.48	0.95	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.