



UC Davis 2-Row Malting Barley variety 'UC TAHOE'

UC Tahoe is a two-row spring malting barley developed by the University of California and tested in Regional Yield Trials as experimental line UC1409, MP103 and MP103MQ.

UC Tahoe was selected from a mapping population developed to study Cereal Yellow Dwarf Virus (CYDV). This mapping population originated in the cross between Butta 12 and Madre Selva and it was advanced as single seed descend (SSD) without selection. **UC Tahoe** was one of the few lines identified after the genotyping/phenotyping of the mapping population carrying tolerance to CYDV, and it was further selected for its excellent malting quality and agronomic traits.

Yield and Malting Quality: **UC Tahoe** showed similar grain yield compared to the Oregon two-row malting variety Full Pint during 2014/15 and 2015/16 Regional Trials. **UC Tahoe** malting quality was outstanding, similar to the long-term standard quality checks.

Disease resistance: **UC Tahoe** has excellent tolerance to CYDV/BYDV and Powdery Mildew, significantly better than Full Pint. It is moderately resistant to stripe rust.

Area of adaptation and primary use: **UC Tahoe** performs well in all areas where it has been tested in the Sacramento and San Joaquin Valleys; it combines high yield potential, resistance to the most common diseases in California, and excellent malting quality in rain-fed conditions or under irrigation.

Seed Availability: Foundation seed of **UC Tahoe** is distributed by the University of California Foundation Seed Program to licensed brokers and seed houses twice annually, fall and spring. Off-cycle requests are considered on a case-by-case basis. Commercial seed will be available to growers in 2017 (Adams Grain Co.).

To obtain information and/or a license for **UC Tahoe**, please contact:

University of California/UC Davis Innovation Access

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