DEPARTMENT OF VITICULTURE AND ENOLOGY

WEEKLY VITICULTURE-ENOLOGY 199 SEMINAR SERIES WEBINAR –SPRING 2021

On Zoom - WEDNESDAYS FROM NOON TO 1 PM - Visit fresnostate.edu/jcast/ve

WEDNESDAY, MARCH 10, 2021

FEATURING KAAN KURTURAL

Cooperative Extension Specialist, Viticulture
University of California, Davis—UCCE

"Optimal Ranges and Thresholds of Solar Radiation for Red Wine Cultivars"

Dr. Kaan Kurtural joined the Department of Viticulture and Enology at UC Davis November 2015 as a new Cooperative Extension Specialist in Viticulture. Dr. Kurtural's research focuses on three main parts with short and long-term outcomes: 1) improving production efficiency in vineyards by applying principles of canopy and crop load management using vineyard mechanization and applied water amounts; 2) identifying quality improvement traits in berry composition by translating fundamental research into applied production practices in vineyards; 3) evaluating alternative methods of control invasive species in vineyards.

Dr. Kurtural has statewide appointment and travels California's grape growing regions providing extension and outreach to grape growers, working with county farm advisors and conducting research projects. He and his laboratory team are based at UC Davis's Oakville Station in Napa Valley. This research and experimental station includes a 40-acre research vineyard, the Harry E. Jacob Research Facility and the Robert J. Barone Laboratory. For more than 50 years, the V&E Department has conducted viticulture research at this site with field trials for grapevine rootstocks and clones, vine spacing, pruning levels, irrigation and many other aspects of viticulture and vineyard operations. Kurtural has done extensive research on mechanized canopy management and precision viticulture for optimizing grape yields and quality in California. His research interests include precision viticulture; vineyard mechanization for optimizing crop load, yield efficiency and sustainability; whole grapevine physiology; and irrigation deficits, scheduling, application and their interactive effects with cropping levels on vine and grape flavonoid biosynthesis.



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For more info, contact instructor Dr. Luca Brillante at lucabrillante@csufresno.edu or call the Department of Viticulture & Enology at 559 278-2089.