



Royce Larsen UC Cooperative Extension

Central Coast Rangeland Research Updates

Zoom Webinar

September 29, 2020

Topics:

- Forage Production Project 2001-2020
- > Biomass Loss & Nutrient Quality Project
 - > Toxic Plant Project

Thanks to all that have helped on these projects, and to all the landowners for allowing us to do the research

Forage Production Project 2001-2020



Royce Larsen, Matthew Shapero, Marc Horney, LynneDee Althouse, Dan Meade, Katie Brown, Devii Rao, Karl Striby, Craig Rigby, Kevin Jensen, Don Canestro, Karl Lindsteadt, Sarah Covello



Available Forage - Central Coast

Eastern Zone (Low Rainfall), Central Zone (Mid Rainfall), Coastal Zone (High Rainfall)



✤ Variation from year to year, and from the coastal areas to the inland areas

Available Forage 2019 -2020 Growing Season



Forage Production 2019-2020 Growing Season





FORAGE QUANTITY AND QUALITY DYNAMICS DUE TO WEATHERING OVER THE DRY SEASON ON CALIFORNIA ANNUAL RANGELANDS

Royce E. Larsen^a, Matthew W.K. Shapero^b, Karl Striby^c, LynneDee Althouse^d, Daniel E. Meade^d, Katie Brown^e, Marc R. Horney^f, Devii R. Rao^g, Josh S. Davy^h, Craig W. Rigbyⁱ, Kevin B. Jensen^j, Randy A. Dahlgren^k



What happens to the forage during the summer months when it is not grazed?

Biomass loss? Nutritional Quality loss

Preliminary Data, Paper submitted – Expected Publication Late Fall





Composite Samples included both Grass and Forbs Mixed

Seasonal Changes in Forage Nutrient and Toxicity Levels on California Central Coast Rangelands-A Preliminary Study

Royce E. Larsen¹, Daniel Cook², Dale R. Gardner³, Stephen T. Lee³, Matthew Shapero⁴, LynneDee Althouse⁵, Michael Dennis⁶, Larry C. Forero⁷, Josh S. Davy⁸, Devii R. Rao⁹, Marc Horney¹⁰, Katie Brown¹¹, Craig W. Rigby¹², Kevin B. Jensen¹³





Dominant Forage







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For any Questions you can contact me at:

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