

Food Systems Resiliency Webinar Series

#10 Reducing food costs and improving sustainability November 24, 2020

This webinar explored how cattle help make California's agricultural crops sustainable while keeping your food costs low. The presentations focused on explaining how ruminant animals are able to consume and digest feeds that humans cannot. Examples of using dairy and beef cattle to upcycle these feed sources were presented.

Speaker Bios and resource links:



Jennifer Heguy jmheguy@ucanr.edu

Dairy Advisor
University of California Cooperative Extension – San Joaquin, Stanislaus and Merced Counties
County Director – Stanislaus County

Jennifer Heguy is the Dairy Farm Advisor serving San Joaquin, Stanislaus and Merced Counties. As a Farm Advisor, Jennifer conducts applied research and extension programming to improve production efficiencies on California dairy farms. She works with dairy producers, nutritionists and other professionals. Together they define gaps in knowledge, develop and implement research projects on farms and disseminate findings to dairy nutritionists and dairy producers. Jennifer is the editor of the UCCE Dairy Newsletter that is emailed quarterly.

[California dairy industry leads in resilient, sustainable food systems](#)

[Stanislaus County Dairy website](#) the UCCE newsletter is here near the bottom.

UCDAVIS **DEPARTMENT of ANIMAL SCIENCE**

Dr. Ed DePeters ejdepeters@ucdavis.edu
Professor, Outstanding Teacher
Department of Animal Science, UC Davis

Ed has invested more than four decades to improve our knowledge of nutritional needs of dairy cattle. He is internationally admired for his work on animal diets, milk composition and animal production. His research has focused on the impact of diet on milk yield and composition and the utilization of byproduct feedstuffs by ruminants in the production of milk and meat. Ed's teaching responsibilities are a comparative nutrition class in winter quarter and a dairy cattle production class in spring quarter. He also serves as the Master Advisor for the Animal Science undergraduate major, which ranks in the top 10 at U.C. Davis for total number of undergraduates.

<https://www.sciencedirect.com/science/article/abs/pii/S1080744615309554>

<https://www.sciencedirect.com/science/article/abs/pii/S1080744615316703>

University of California Cooperative Extension
Tehama County

Josh Davy jdavy@ucanr.edu

**Livestock and Natural Resources Advisor
Glenn, Colusa and Tehama Counties**

Josh Davy is the Livestock and Natural Resources Advisor in Glenn, Colusa and Tehama Counties. As a Farm Advisor, Josh conducts applied research and extension programming to better manage natural resource and improve production efficiencies on livestock operations. Josh works with land owners and managers of lands to provide research and educational support in the areas of livestock, range, irrigated pasture and natural resource management. His work on invasive weed management and use of rice straw have proved invaluable to clientele. Current and future projects work to keep production agriculture and natural resources healthy and sustainable.

[Livestock and Range News](#)

[By-products and unusual feedstuffs in livestock rations.](#)

[Feeding byproducts during drought](#)

[Feeding rice straw](#)

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