

Clear Communication, Safer Operations: Why Multilingual Manure Management and Farm Safety Training Matters

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2:30 PM ET, 1:30 PM CT,
12:30 PM MT, 11:30 AM PT

In this webinar, we will discuss why delivering multilingual farm safety and manure management training and communications is paramount to ensuring safer operations and reducing the risk of accidents, personal injuries, and environmental mishaps. Spanish-speaking workers represent a significant and essential portion of the agricultural workforce, yet many trainings, regulatory materials, and safety protocols are still delivered primarily in English. When critical information is not communicated in a worker's primary language, it increases the likelihood of misunderstandings, improper application of manure, unsafe equipment use, and regulatory noncompliance. By prioritizing Spanish-language and culturally informed training, agricultural operations can improve clarity, strengthen worker confidence, enhance environmental stewardship, and foster a safer, more resilient workforce.

An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted.

Dr. Mario E. de Haro-Marti is a Professor and Area Extension Educator in Agricultural Environmental Management at the University of Idaho. He received a B.S. degree in environmental studies from the National University of Comahue, Neuquén, Argentina, and a M.S. and Ph.D. in environmental science from the University of Idaho. He offers Extension programming and conducts applied research in Idaho, focusing on manure and nutrient management, sustainability, farm safety and biosecurity, and training of Hispanic dairy workers. Email: mdeharo@uidaho.edu



Mario De Haro-Marti
University of Idaho

Javier Nexticatan is a lifelong learner and dairy farm manager at Temme Agri-business in Wayne, Nebraska. Since attending a Nebraska manure training by Leslie Johnson several years ago, translated by a graduate student, he gained a clearer understanding of why manure management decisions are made on the farm, not just how they are implemented. As a non-native English speaker and hands-on farm manager, Javier brings a unique perspective on how language access directly affects comprehension. His experience bridges the gap between technical guidance and day-to-day farm operations, making his insights especially valuable for discussions around effective training and equity in agriculture.



Maristela Rovai
South Dakota State
University

Dr. Maristela Rovai was born in Brazil and studied veterinary medicine at UNIFEOB, Sao Paulo, Brazil. She completed her master's and doctoral degrees at the Universitat Autònoma de Barcelona (UAB). Dr. Rovai pursued postdoctoral research in both the United States — at the University of Wisconsin–Madison and the E. (Kika) de la Garza American Institute for Goat Research at Langston University — and in Europe at the Technical University of Munich (TUM) and UAB-Spain. She has been an Associate Professor and Extension Dairy Specialist at South Dakota State University (SDSU) since 2014. She develops SDSU Extension programs to improve milk quality, assists dairy producers in training Hispanic employees, and develops training programs specifically for Spanish-speaking individuals. Email: maristela.rovai@sdstate.edu



Javier Nexticatan
Temme Agribusiness

Additional Information

- Will be available on LPELC webinar archive at a later date.

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