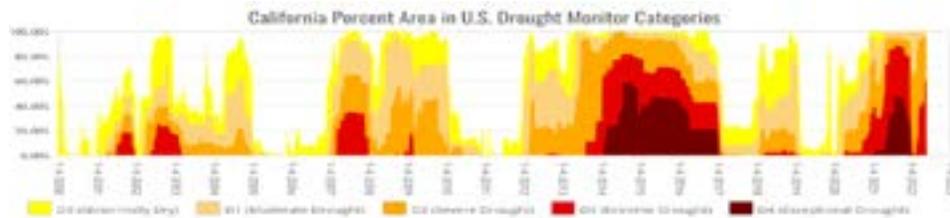




CDQAP Quality Assurance Update - May 2022

Water: Make every drop count!

By Deanne Meyer, Ph.D., Livestock Waste Management Specialist, Department of Animal Science, UC Davis and UC ANR, dmeyer@ucdavis.edu



The drought monitor map has much of California maroon again. It's important to make every drop of water count. When you think of your water budget in the production facility consider water used for drinking, cooling and sanitation.

Many California dairies have converted to an air chilled cooler for milk cooling to reduce water use. If this is something you're considering, think about how you flush manure. Air cooled chillers use less water. Producers with processing pits need to plan how to "thin" processing pit water so it can flush.

Evaluate cow misters to be sure water spent there is well invested.

Daily attention to key areas around the dairy is important. Everyone on the dairy can contribute to maximizing water use! Check:

- Water trough floats and plugs
- Sprinkler pen sprinkler heads
- Drop hose nozzles
- Hose shut-off valves
- Cow mister nozzles
- Cow soaker nozzles

Drought also means less water for crops. Irrigation scheduling carried out with soil moisture monitoring and evapotranspiration data may extend intervals between irrigations thereby reducing in season irrigations. Tools and information are readily available. Check with your crop consultant to see if you can save water!

Improving irrigation efficiency and distribution uniformity reduces water needed for crop production. These changes take additional resources and infrastructure to add valves or cut fields in half.

Modifying check width or length can help reduce water needed. It's possible funds are available to help with field resizing costs: EQIP funds (USDA NRCS) and CDFA SWEEP funds are good options to consider when they are available.

For those who fallowed fields of winter forage do check with your nutrient management consultant. Less land farmed means less manure applied to fields.

In many areas of California local groundwater sustainability agencies are in high gear to improve the balance between water use and recharge. Dairy will want to be well represented in these discussions!

Dairy Security and Crime Prevention:

Register now for June 8th webinar at 10am

By Dr. Michael Payne, UC Davis, School of Veterinary Medicine; Director, CDQAP

With equipment theft, activist trespass and even recent armed robbery of employees in the news, there is no shortage of dairy security issues to worry about. To arm producers with the best preventative information, the Zenith Insurance Company and CDQAP are teaming up on June 8th with local, state and federal law enforcement experts to offer a free webinar Dairy Security and Crime Prevention.

REGISTER [HERE](#) NOW!

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California Dairy: Momentum Continues in World-Leading Sustainability Endeavors

The third California Dairy Sustainability Summit demonstrated tremendous optimism about planet-smart dairy farming. Conversations were grounded in a recognition that sustainability efforts should also work to safeguard and improve access to nutritious and affordable milk and dairy foods that support healthy people and communities. The three-day program painted a clear picture of successful strategies, accomplishments, and the incredible collaboration under way as dairy farmers and their diverse partners continue working hard to address the significant challenges ahead.



Recordings [Now Available](#)

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Dairy Security and Crime Prevention Webinar, *continued*

All producers are welcome to attend any/all of The Zenith Agribusiness Solutions webinars. June 8th Dairy Security and Crime Prevention Webinar Presenters include:

- Sargent Joe England from the Tulare County Sheriff Office will brief the audience on recent incidents of armed robberies of dairy employees and recommendations for what to do before, during and after such a robbery
- David Gosvener, investigator for the Tulare County District Attorney, will provide advice on how to prevent farm theft and increase the likelihood property will be returned when it is stolen.
- Dr. Michael Payne with CDQAP will describe recent activities and tactics being used by activists in California and resources to address these sorts of criminal trespass.
- Jesse Rangle, from the U.S. Department of Homeland Security, will discuss the critical importance of producers both reporting crimes and suspicious activities as well as empowering employees as part of the farm's security team.
- Thomas Waltz From the Central California Intelligence "Fusion Center" will describe some of the local, state and federal security resources available to the ag community.



This dairy security webinar is free by going to the registration page. This presentation is part of Zenith Insurance Company's Dairy Industry webinar series.

California Dairy: Momentum Continues in World-Leading Sustainability Endeavors, *continued*

Dairy leaders representing international coalitions and major global dairy companies explained the well-planned, strategic, and cooperative approaches they are taking to urgently fight climate change. Leaders from Nestlé and Starbucks, spoke about their efforts to work directly with dairy farmers and to support on-farm pilot projects. This includes on-farm visits and partnership programs with the dairy farmer-owners of California Dairies, Inc., California's largest dairy cooperative.

A reoccurring theme mentioned by speakers was the importance of continued monitoring, verification and reporting of greenhouse gas emissions to ensure success. Dr. Sara Place and Dr. Frank Mitloehner, who work extensively with the dairy and beef sectors, noted the strong willingness within those sectors to reduce emissions. They also explained how industry goals for achieving climate neutrality in the near future are within reach, noting that tremendous progress is being made in California.

Cohosts look forward to hosting the next Summit in person. View the recordings now at cadairysummit.com.

