Dairy Production & Food Safety Program Team Meeting

TO: Sherry Cooper slcooper@ucanr.edu

Meeting objectives

Objective 1: Debrief on the *Golden State Dairy Management Conference*.

Objective 2. To *foster collaboration* amongst academics in dairy across the UC system.

Objective 3: Inform PT members about *UC ANR communication and extension resources*.

Workgroups engaged: Dairy Production and Food Safety.

Primary meeting outcomes

Day 1 (3/23/2022) attendees: ***CE Advisors:*** *Heguy, Bruno, Karle, Clark;* ***CE Specialists****: Busch, Meyer, Silva del Rio, Van Eenennaam;* ***SVM:*** *Lehenbauer;* ***AES:*** *Tucker?*

Objective 1. Debrief on the Golden State Dairy Management Conference.

1. Feedback on positive outcomes after meeting:
    a. Short talks with brief breaks encouraged attendees to remain in the room
    b. Diversity and relevance of the content presented
    c. Most presenters had clear power points
    d. Ability of speakers to meet the assigned time
    e. Great participation in the question answers section.
    f. Great attendance from producers.

2. Feedback on things that can be improved:
    a. Inform speakers on the screen dimensions and ideal font size.
    b. Give suggestions for font size and maximum number of words or lines.
    c. Display timecards to ensure speakers end on time.
    d. End presentations when time is up so speakers understand they will be held to time limits.

3. Future considerations:
    a. Consider a multi-location and hybrid format (simultaneously include virtual and in-person speakers). Potential to identify a topic by September and test drive this process late fall/early winter.

b. Need to identify if conference will skip 2023 or be virtual? Question remains will there be sufficient new information to host a conference in 2023? Perhaps pilot multi-location option?

Day 2 (3/24/2022) attendees: *CE Advisors:* *Karle, Heguy;* ***CE Specialists****: Busch, Meyer, Okello, Silva del Rio, Van Eenennaam;* ***SVM:*** *Lehenbauer;* ***AES:*** *Denicol, Tucker;* ***Climate Smart CES:*** *Ridoutt Orozco*

Objective 2. To foster collaboration amongst academics in dairy across the UC system.

1. Discussion of campus county collaborations https://ucanr.edu/sites/Professional_Development/files/288932.pdf. Advisors live in the county and interact with people. Appropriate professional etiquette to let them know if work is happening in their county. Advisors are academics and are responsible for scholarly activities. They are not technical assistants. Be respectful when asking if they are interested in participating in research projects and provide opportunities for collaboration and not merely using them to find farms.

2. Research and extension updates provided by participants.

3. Discussion of timely topics: SGMA impacts on dairy production, alternative manure management practices products and outreach effort, calf disbudding recovery time, mortality management, heat stress, antimicrobial use, calf care quality assurance program, goat topics and calf scour treatments.

Objective 3: Inform PT members about *UC ANR communication and extension resources*.

1. Tips on communication: how to write newsletter articles, the use of QR codes in outreach, and the anatomy of a good podcast.
   a. What is the problem ?
   b. Why would a dairy producer care
   c. How does this study address concerns
2. Guidelines on how to measure impact of our research and extension activities. Overview of successful stories.
   - PT members Heguy and Meyer drafted a post Golden state dairy management conference meeting evaluation to be deployed early next week.

3. Sharing experiences with different outreach approaches: Podcasts, community of practices (beta-testing phase).
   Social media policy
   https://ucanr.edu/sites/Professional_Development/Extension_-_Delivery/Message/

Watch influencer model Joseph Granny youtube

4. https://ucanr.edu/sites/communicationstoolkit/Social_Media/ANR_Platforms/

   https://ucanr.edu/sites/communicationstoolkit/Social_Media/Social_Media_Guidelines_and_Policies_for_Branded_UC_ANR_Accounts/Official_social_media_policies_for_UC_ANR-branded_accounts/

5. Discussion of relevant on-line trainings for extension professionals available through UC including ANR learning and Development.

Next steps

1. Karle compile and send notes to group

2. Follow up on resources shared by colleagues (linked in notes).

3. Proposition to include program team members lighting talks during monthly meetings. The topics suggested included but are not limited to animal health, animal welfare, sustainable groundwater management, and manure management.

4. Use alternatives to Collaborative Tools for joint PT communication (i.e., Livestock listserv)

5. Monthly meetings to be re-scheduled (2nd Friday, starting on April).

6. Testing a hybrid extension format (in-person and on-line talks). Topic to be decided.

7. Collaborative research proposal: Needs assessment of dairy goat producers in CA. Busch, Denicol, Heguy, Karle, Okello, Maga, Meyer, Moody, Silva-del-Rio, Tucker, *Van Eenennaam*.

How the PT activities fit with the larger SI picture (See table for reference).

We see the PT is consistent with these Initiative Themes

- Sustainable Food Systems
- Water Quality and Quantity
- New problems with existing pests and diseases
- Integrated management

- Sustainable production
- Safe processing
- Healthy rangelands, forests and working landscapes
- Fighting Fire – Resilient forests and fire-safe urban areas
- Protecting where we live. Healthy landscapes and urban forests
- Enhancing our water supply
- Safe & secure surface water
- Safe & sustainable groundwater

And fits with these Grand Challenges

- Sustainable Production: Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests
- Fire
- Land use policy
- Protecting water supplies - quality and quantity
- Climate change
- Conservation and enhancement strategies to bolster water resources and meet increasing agricultural, urban, and ecosystem water demands
- Sustainable farm, urban, and natural resource management practices to protect soil and water quality from salinity, sediment, pathogens, excess nutrients, trace elements, and other contaminants
- Quantifying the impacts of climate change on California's precious water resources and consequent impacts on agriculture, urban, and ecosystems, while seeking ways to make these sectors more resilient to climate related risks

Optional: Do you have "Hot Button" items. These items that might warrant a trending **Trending** article – help educate the broader public on key issues.

NONE.

What are 1-3 impact stories from PT group members that could be highlighted with Strat com? Note the theme & contact(s)

a. Slick gene helps cattle beat the heat (SFS) – Anna Denicol
b. Saving water when cooling cows (SFS and Water) - Cassandra Tucker
c. AMMP resources available (SFS, air quality)—Meyer

SI	Initiative Themes		Grand Challenges
EIPD			
☐ ☐ ☐	Keeping invasive pests and pathogens out of California New problems with existing pests and diseases Integrated management	☐ ☐ ☐	Emerging pests (e.g., Citrus Greening) The public understanding the role of science in safe and effective pest management (e.g., urban and household pesticide use relative to use on other systems) Pursuing new technologies for existing pests (e.g., breeding for powdery mildew)
HFC			
☐ ☐ ☐ ☐	Promoting healthy behaviors for childhood obesity prevention Encouraging and enhancing youth science literacy Promoting positive youth development Community Development	☐ ☐ ☐ ☐	Chronic disease and Food insecurity across the lifespan of all Californians Delivery of high-quality positive youth development in all communities Rising social, economic and heath inequality Access to science education and professional learning opportunities
SFS			
☐ ☐ ☐	Sustainable production Safe processing Enhanced access	☐ ☐ ☐	**Sustainable Production:** Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests **Safe Food Processing:** Food safety and preservation **Enhanced Food Access:** Food deserts and cost; Changing food preferences; Food access and security for aging seniors
SNE			
☐	Healthy rangelands, forests and working landscapes	☐	Fire

□	Fighting Fire – Resilient forests and fire-safe urban areas	□	Land use policy
□	Protecting where we live. Healthy landscapes and urban forests	□	Protecting water supplies - quality and quantity
□	Enhancing our water supply	□	Climate change
Water			
□	Safe & secure drinking water	□	Conservation and enhancement strategies to bolster water resources and meet increasing agricultural, urban, and ecosystem water demands
□	Safe & secure surface water	□	Sustainable farm, urban, and natural resource management practices to protect soil and water quality from salinity, sediment, pathogens, excess nutrients, trace elements, and other contaminants
□	Safe & sustainable groundwater	□	Quantifying the impacts of climate change on California's precious water resources and consequent impacts on agriculture, urban, and ecosystems, while seeking ways to make these sectors more resilient to climate related risks
□	Holistic water management		