Program Team: Pest Management

Why such reports. We need **simple** ways to collect quick overviews of key things happening in each of the PTs. We can then better **communicate** and **advocate** for the wonderful breadth of activity that is happening across UC ANR. As some other PT leaders indicated, when they get money from industry or others to meet, a simple report on the meeting is the norm.

The report is to be **simple** and **post-event**. Suggestions for a better report structure most welcome.

1. **Meeting objectives**

    1. Provide Pest Management Program Team (PMPT) membership the opportunity to network, share, and learn. (1st virtual Program Team meeting)

    2. Provide a venue for individual PMPT Workgroups to meet and accomplish their respective objectives.

    3. Receive updates and discuss items of common interest across pest management disciplines: virtual program delivery during COVID-19 pandemic.

2. **Workgroups engaged:** Entomology, Spray Application Technology, Plant Pathology, Pesticide Use Report Analysis (PUR), Weed, and Desert.

3. **Primary meeting outcomes**

    1. Self-explanatory.

    2. Entomology, Spray Application Technology, Plant Pathology, Pesticide Use Report Analysis (PUR), Weed, and Desert Workgroups met.

    3. Updates and discussions included: EIPD and UC IPM update, virtual extension resources available, updates from 3 IPM Advisors on their programs and the impacts of COVID-19 and how they have been adapting to delivering research and extension virtually, updates and information on the UC Ag Experts Webinar series.

4. **Next steps**

    1. The PMPT will continue to meet (ideally annually) to provide opportunities to network, share, and learn. Annual PMPT meetings also offer a venue for UC ANR Workgroups to meet.
        a. Virtual format could encourage Program Teams and Workgroups to meet more than 1x/year for networking, sharing and learning.

    2. Create and explore opportunities for PMPT-wide impacts that lead to positive condition changes in line with the goals of UC ANR and its Strategic Initiatives.

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

- We see the PT is consistent with these Initiative Themes and fits with these Grand Challenges.

While the Pest Management Program Team is often most closely associated with the Endemic and Invasive Pests and Diseases (EIPD) SI, there is a vast diversity of disciplines and activities encompassed by the PMPT membership. Therefore, the PMPT is consistent with the SI-defined focal areas and grand challenges in nearly all of the UC ANR SIs (EIPD, Sustainable Food Systems, Sustainable Natural Ecosystems, and Water).

6. **Optional: Do you have "Hot Button" items.** These are volatile items running hot (or potentially running hot) in the news where UC ANR could be pulling information together to ground discussion in some science. These can be posted on the UC ANR **Trending** site.

SI	Initiative Themes		Grand Challenges
EIPD			
☐	Keeping invasive pests and pathogens out of California	☐	Emerging pests (e.g., Citrus Greening)
☐	New problems with existing pests and diseases	☐	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)
☐	Integrated management	☐	Pursuing new technologies for existing pests (e.g., breeding for powdery mildew)
HFC			
☐	Promoting healthy behaviors for childhood obesity prevention	☐	Chronic disease and Food insecurity across the lifespan of all Californians
☐	Encouraging and enhancing youth science literacy	☐	Delivery of high-quality positive youth development in all communities
☐	Promoting positive youth development	☐	Rising social, economic and heath inequality
☐	Community Development		Access to science education and professional learning opportunities
SFS			
☐	Sustainable production	☐	**Sustainable Production:** Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests
☐	Safe processing	☐	**Safe Food Processing:** Food safety and preservation
☐	Enhanced access	☐	**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		