



California Olive Committee

Research Subcommittee Meeting

AUGUST 7, 2024

9:00 am

Zoom/Conference Call

<http://US02web.zoom.us/j/88631846244>

MINUTES

I. CALL TO ORDER

Chairman Dennis Burreson called the meeting of the Research Subcommittee to order at 9:02 a.m. and the following members were present:

Members

Carolina Burreson
Michael Silveira
Kevin Neeley
Andy Weinrich
Michael Stokes
Giulio Zavolta
Pat Ricchiuti
Galen Pfeiffer
Dennis Burreson - Chairman
John Pieretti
Tomas Masanes Autard
Julia Tinsley
Phil Quigley

Affiliation:

Producer
Producer
Producer
Producer
Producer
Producer
Producer
Producer
Handler
Handler
Handler
Handler
Handler

STAFF

| | |
|------------------|----------------------------|
| Todd Sanders | California Olive Committee |
| Elise Oliver | California Olive Committee |
| Jackie Nakashian | California Olive Committee |
| Janette Ramos | California Olive Committee |

With the appropriate number of members from producers and handlers in, a quorum was established.



- **MOVED by RICCHIUTI, duly seconded by PFEIFFER and carried THAT the minutes for December 7, 2023, be approved as presented. (MOTION 8-7-24 #1)**

Chairman’s Comments:

Chairman Dennis Burreson addressed the committee, and thanked everyone for attending and continuing to work through various research projects.

II. REVIEW OF 2023 RESEARCH FINAL PROJECTS

2023 RESEARCH PROJECTS FOR THE CALIFORNIA OLIVE COMMITTEE

- Projects in red had No Cost Extensions and are now complete. Final Reports can be found in the following pages of the packet.

| Researcher | Project | Amount | No Cost Extension |
|---------------------------------------|---|------------------|-------------------|
| Dr. Jim Adaskaveg | Management of Foliar Diseases-A. Olive Knot and B. Evaluation of New Fungicides For Control of Olive Leaf Spot | \$10,000 | |
| Dr. Jim Adaskaveg | Epidemiology and Management of Olive Knot Caused by Pseudomonas Savastanoi pv. Savastanoi | \$21,150 | |
| Carol Lovatt and Elizabeth Fichtner | Integrating Alternate Bearing Mitigation Strategies in a Commercial Table Olive Orchard | \$36,511 | 6/30/2024 |
| Georgia Drakakaki and Louise Ferguson | Evaluating Accede for Ability to Decrease 'Manzanillo' Fruit Detachment Force and Increase Efficiency of Commercial Trunk Shaking and Experimental Canopy of Contact Harvesters | \$115,186 | 6/30/2024 |
| Jim Stewart | Southern San Joaquin Valley Olive Fruit Fly Monitoring | \$11,000 | |
| Ernie Simpson | Sacramento Valley Olive Fruit Monitor Project | \$9,250 | |
| | Contingency Fund | \$0 | |
| | Total | \$203,097 | |

III. UPDATE ON CA SPECIALTTY CROP BLOCK GRANT PROJECTS

The 2025 Specialty Crop Block Grant Program will be opening its application submission period in the Fall; as a result, the COC is currently looking for potential grant ideas from the Committee.

- Funding Areas include:
 - Market Enhancement
 - Access, Education, and Training
 - Research



IV. PRODUCT REGISTRATION UPDATE

GWSS:

COC staff is currently looking into products registered to combat GWSS, as GWSS is a vector for Xf.

Staff has reached out to Valent regarding their products PyGanic and Danitol.

| Product | Active Ingredient | Registrant | Status |
|--------------------------------|-------------------|--------------------------|--|
| Actara | Thiamethoxam | Syngenta | Not registered on olives |
| Assail 70 WP | Acetamiprid | United Phosphorous, Inc. | Not registered on olives |
| Assail 30 SG | Acetamiprid | United Phosphorous, Inc. | Not registered on olives |
| Baythroid XL | Beta-cyfluthrin | Bayer | Not registered on olives |
| Tombstone | Beta-cyfluthrin | Loveland Products, Inc. | Not registered on olives |
| Mustang | Zeta-cypermethrin | FMC Corporation | Not registered on olives |
| Danitol 2.4 EC | Fenpropathrin | Valent | Registered on Olives for Olive Fruit Fly, etc. |
| Lannate SP | Methomyl | TKI (Novasource) | Not registered on olives or in CA |
| Platinum 75 SG | Thiamethoxam | Syngenta | Not registered on olives |
| Sevin XLR Plus | Carbaryl | TKI (Novasource) | Registered on Olives for Black Scale |
| Sivanto Prime | Flupyradifurone | Bayer | Not registered on olives |
| PyGanic Crop Protection EC 5.0 | Pyrethrins | Valent | Registered on olives for GWSS |

Accede:

Valent will be pitching in \$8,500 towards the research project currently underway!

COC Research Subcommittee Chairman, COC Chairman, and COC staff participated on a IR-4 call expressing support for Accede to become an IR-4 program project. We are waiting to hear back from the IR-4 program.

Syllit and Polyoxin-D (Ph-D):

UPL has submitted applications to EPA. Syllit and Ph-D will be used for managing Peacock spot and Syllit will be used for managing olive knot in mixtures with copper and other new bactericides such as Kasumi

Approvals are pending at the EPA level until the Endangered Species Act (ESA) review is Completed.



V. DISCUSSION AND RESEARCH PRIORITIES

APPROVAL OF 2025

- Each year the Research Subcommittee sets priorities of research they would like executed on their behalf for the following year. These efforts are to fund more specific and calculated research to enhance the benefits to the industry. Once the priorities are set, they are provided to the University of California liaisons to request proposals from researchers. Additionally, priorities are distributed to land grant universities across the nation and to private research facilities. Proposals will be reviewed for funding in November by the subcommittee.
- On the following page are the 2024 Research Priorities.

2024 RESEARCH PROJECTS FOR THE CALIFORNIA OLIVE COMMITTEE

| Researcher | Project | Amount |
|---|--|------------------|
| Dr. Jim Adaskaveg* | Management of Foliar Diseases-A. Olive Knot and B. Evaluation of New Fungicides for control of olive leaf spot | \$13,715 |
| Dr. Jim Adaskaveg* | Epidemiology and Management of Olive Knot Caused by Pseudomonas Savastanoi pv. Savastanoi | \$21,150 |
| Carol Lovatt and Elizabeth Fichtner | Integrating Alternate Bearing Mitigation Strategies in a Commercial Table Olive Orchard | \$33,825 |
| Georgia Drakakaki and Becky Wheeler-Dykes | Evaluation of effects of Accede (ACC), tree architecture, and harvester type on enhancing horticultural maturity and abscission zone development and commercial trunk shaking efficiency in table olives | \$131,380 |
| Rodrigo Almeida | Survey of Xylella fastidiosa diversity within California olive trees | \$29,752 |
| Jim Stewart | Southern San Joaquin Valley Olive Fruit Fly Monitoring | \$12,000 |
| Ernie Simpson | Sacramento Valley Olive Fruit Monitor Project | \$9,250 |
| Total: | | \$251,072 |

*Projects are co-funded by the California Olive Oil Commission.

California Olive Committee Research Priorities for 2024

- Olive Fruit Fly Trapping
- OFF management techniques with an emphasis on examining new traps that attract flies. Also, OFF management techniques focused on needing a membrane and a new delivery system.
- Management of Olive Knot with an emphasis on developing new methods of control via soil applications. Management of Olive Knot focused on systemic rather than topical treatments.
- Management of Peacock Spot
- Evaluation of drone technology and satellite mapping pertaining to moisture evaluation and crop load estimates (approach the Ag Tech companies that we have spoken with Aerorobotics and other, Matt Koball
- Mechanical harvesting on existing and new high density orchards
- Development of Loosening Agents



- Olive DNA evaluation to distinguish between different varieties in the market place
- Chemical control of Glassy-winged sharpshooter/Leaf Hoppers
- Determine costs of preventative measures relating to the spread of xylella-fastidiosa (xf)
- Pollination assist techniques focused on Manzanillo /Field measurement tool to determine optimal pollination timing
- Investigation of Urea as a thinning agent. What is the cost and optimal application rate? Where it is currently being used?
- Field measurement tool to determine optimal pollination timing
- Determine what research has already been conducted regarding sterilization of OFF
- Attract and Kill trap for Olive Fruit Fly
- Black Scale Control from a Natural Insect pest
- GWSS research on mass trapping

VI. OTHER BUSINESS

None

VII. ADJOURNMENT

Chairman Dennis Burreson adjourned the Research Subcommittee meeting at 10:03 a.m.

Todd W. Sanders
Executive Director
California Olive Committee



SUMMARY OF MOTIONS FOR AUGUST 7, 2024

Motion 8-7-2024 #1

APPROVED

MOVED by RICCHIUTI, duly seconded by PFEIFFER and carried THAT the minutes for December 7, 2023, be approved as presented.