



California Olive Committee

Research Subcommittee Meeting

NOVEMBER 9, 2022

10:30 am

Zoom/Conference Call

<http://US02web.zoom.us/j/8139458039>

MINUTES

I. CALL TO ORDER

A meeting of the Research Subcommittee Meeting was called to order by Chairman Dennis Burreson at 10:30 a.m. and the following members were present:

Members

Carolina BURRESON
Michael SILVEIRA
Andy WEINRICH
Giulio ZAVOLTA
Pat RICCHIUTI
Galen PFEIFFER
Mark HEUER
Dennis BURRESON - Chairman
John PIERETTI
Tomas MASANES AUTARD
Julia TINSLEY
Jacob PETERS

Affiliation:

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

STAFF

Todd SANDERS
Elizabeth CARRANZA
Elise OLIVER
Janette RAMOS

California Olive Committee
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California Olive Committee

GUESTS:

Jeremy SASSELLI

USDA



Jim ADASKAVEG	UC Riverside
Carol LOVATT	UC Riverside
Elizabeth FICHTNER	UCCE
Georgia DRAKAKAKI	UC Davis
Minmin WANG	UC Davis
GIULIA MARINO	UC Davis
Omar AKBARI	UC San Diego
Jim STEWART	Southern San Joaquin Valley Olive Fruit Fly Monitoring

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

Chairman’s Comments – Chairman Dennis announced with great sadness, of the passing of committee member and friend Chris Henderson. Chairman Dennis expressed that, Chris was well liked and respected by his many friends and acquaintances, and will be greatly missed.

- **MOVED by RICCHIUTI, duly seconded by PIERETTI and carried THAT the minutes for August 10, 2022, be approved as presented. (MOTION 11-9-22 #1)**

II. DISCUSSION AND REVIEW OF 2022 PROJECTS

Each year, the Subcommittee funds research projects and requests progress reports from researchers. Provided in your packet are the current research progress reports for six projects.

2022 Research Projects

Researcher	Project	Amount	Paid thus far	% Paid
Carol Lovatt Elizabeth Fitchner	Managing Alternate Bearing in Olive with PGRs and Pruning page 10	\$29,217	\$17,530	60%
Giulia Marino Louise Ferguson	Precise Water Management Strategies for Table Olive Orchards in California page 20	\$46,610	\$27,966.06	60%
Reza Ehsani Louise Ferguson	Combining Limb Shaking and Canopy Shaking for	\$34,902	\$20,941.20	60%



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	Harvesting Mature Olive Trees page 29			
J. E. Adaskaveg	Epidemiology and management of olive knot caused by Pseudomonas savastanoi pv.savastanoi page 33	\$11,150	\$6,690	60%
J. E. Adaskaveg	Management of foliar diseases of olive (peacock spot) page 34	\$4,500	\$2,700	60%
Georgia Drakakaki	Characterization of Olive Fruit Abscission Zone in Response to Timed Ethylene Applications and as a Function of Accumulated Heat Unit and Fruit Removal Force page 35	\$115,151	\$69,091	60%
Jim Stewart	Southern San Joaquin Valley Olive Fruit Fly Monitoring Project	\$11,000		
Ernie Simpson	Sacramento Valley Olive Fruit Fly Monitoring Project	\$9,250		
Brittney Goodrich	Update Cost and Returns Study for Table Olives	\$20,174	\$4,034.80	20%
Contingency Fund	\$14,826			
	Total	\$364,885	\$217,147.86	

III. PRESENTATION OF 2023 PROPOSALS

2023 Project Proposals

TOPIC	LEADERS	AMOUNT
Management of Foliar Diseases of Olive-A. Olive Knot and B. Evaluation of new fungicides for control of olive leaf spot page 45	J.E. Adaskaveg	\$10,000
Epidemiology and Management of Olive Knot Caused by Pseudomonas Savastanoi pv. Savastanoi page 49	J.E. Adaskaveg	\$21,150
Integrating Alternate Bearing Mitigation Strategies in a Commercial Table Olive Orchard page 54	Carol Lovatt Elizabeth Fichtner	\$36,511
Evaluating Accede® for Ability to Decrease ‘Manzanillo’ Fruit Detachment Force and Increase Efficiency of Commercial Trunk Shaking and Experimental Canopy Contact Harvesters page 73	Georgia Drakakaki Louise Ferguson	\$68,207.28



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Precise Water Management Strategies for Table Olive Orchards in California page 81	Giulia Marino Ken Shackel	\$18,440
Sexing Strains to Support the Development of Genetic Control Technologies for the Olive Fruit Fly, <i>Bactrocera Oleae</i> page 86	Omar Akbari	\$44,400
Evaluation of Accede (ACC) Efficacy and Abscission Zone Development in Table Olives page 94	Georgia Drakakaki	\$60,396
Southern San Joaquin Valley Olive Fruit Fly Monitoring page 102	Jim Stewart	\$11,000
Sacramento Valley Olive Fruit Monitory Project page 104	Ernie Simpson	\$9,250
Total * budget estimate; actual budget pending on results		\$279,354.28

IV. APPROVAL OF AUTHORITY TO THE EXECUTIVE DIRECTOR AND CHAIRMAN TO APPROVE NO-COST EXTENSIONS

ACTION

Each year, researchers will request a no-cost extension should their program run past the fiscal year. COC staff asks that the Committee grant authority to the Executive Director in conjunction with the Chairman to approve requests for no-cost extensions.

- **MOVED by RICCHIUTI, duly seconded by C. BURRESON and carried THAT the Committee grant authority to the Executive Director in conjunction with the Chairman to approve requests for no-cost extensions. (MOTION 11-9-22 #2)**

V. APPROVAL OF 2023 BUDGET

ACTION

Each year the Research Subcommittee approves various research projects funded by the Full Committee. The Subcommittee must determine which proposed projects to recommend to the Full Committee for funding. An estimated budget of **\$337,101.48** (with no-cost extensions) is proposed based on the submitted projects.

2023 RESEARCH PROPOSAL FOR THE CALIFORNIA OLIVE COMMITTEE

TOPIC	LEADERS	AMOUNT
Management of Foliar Diseases of Olive-A. Olive Knot and B. Evaluation of new fungicides for control of olive leaf spot	J.E. Adaskaveg	\$10,000*
Epidemiology and Management of Olive Knot Caused by <i>Pseudomonas Savastanoi</i> pv. <i>Savastanoi</i>	J.E. Adaskaveg	\$21,150*



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Integrating Alternate Bearing Mitigation Strategies in a Commercial Table Olive Orchard	Carol Lovatt Elizabeth Fichtner	\$36,511
Evaluating Accede® for Ability to Decrease ‘Manzanillo’ Fruit Detachment Force and Increase Efficiency of Commercial Trunk Shaking and Experimental Canopy Contact Harvesters	Georgia Drakakaki Louise Ferguson	\$68,207.28
Precise Water Management Strategies for Table Olive Orchards in California	Giulia Marino Ken Shackel	\$18,440
Sexing Strains to Support the Development of Genetic Control Technologies for the Olive Fruit Fly, Bactrocera Oleae	Omar Akbari	\$44,400
Evaluation of Accede (ACC) Efficacy and Abscission Zone Development in Table Olives	Georgia Drakakaki	\$60,396
Southern San Joaquin Valley Olive Fruit Fly Monitoring	Jim Stewart	\$11,000
Sacramento Valley Olive Fruit Monitory Project	Ernie Simpson	\$9,250
2022 NCE Managing Alternate Bearing in Olives with PGRs and Pruning	Carol Lovatt Elizabeth Fichtner	\$11,686.8
2022 NCE Characterization of Olive Fruit Abscission Zone in Response to Timed Ethylene Applications and as a Function of Accumulated Heat Unit and Fruit Removal Force	Georgia Drakakaki	\$46,060.4
Contingency		TBD
Total * budget estimate; actual budget pending on results		\$337,101.48

*The COC traditionally co-funds these projects with the OOC.

- **MOVED by SILVEIRA, duly seconded by ZAVOLTA and carried THAT the Research Subcommittee approve the Budget \$339,129.48 as presented, with the intent that COC staff will approach the Olive Oil Commission to determine if Omar Akbari’s project can be co-funded. Additionally, COC staff will approach Louise Ferguson and Georgia Drakakaki to determine, if the two projects presented can be combined into one project to reduce the Budget. (MOTION 11-9-22 #3)**

VI. APPROVAL OF AUTHORITY TO THE EXECUTIVE DIRECTOR AND CHAIRMAN FOR INTER-ITEM TRANSFERS OF THE RESEARCH SUBCOMMITTEE BUDGET

The Committee discussed granting authority to the Executive Director and Chairman for inter-item transfers of the Research Budget.

- **MOVED by C. BURRESON, duly seconded by RICCHIUTI and carried THAT the Committee grant authority to the Executive Director and Chairman for inter-item transfers of the Research Budget. (MOTION 11-9-22 #4)**



VII. OTHER BUSINESS

- The COC Full Committee meeting will be December 13, 2022.
- A guest from Unitec will be present at the Full Committee meeting to give a presentation on ideas on how Unitec can assist the olive industry.

VIII. ADJOURNMENT

Chairman Dennis Bureson adjourned the Research Subcommittee meeting at 12:45 p.m.

A handwritten signature in blue ink, appearing to read "Todd W. Sanders", is positioned above a horizontal line.

Todd W. Sanders
Executive Director
California Olive Committee



SUMMARY OF MOTIONS FOR NOVEMBER 9, 2022

Motion 11-9-2022 #1

APPROVED

MOVED by RICCHIUTI, duly seconded by PIERETTI and carried THAT the minutes for August 10, 2022, be approved as presented.

Motion 11-9-2022 #2

APPROVED

MOVED by RICCHIUTI, duly seconded by C. BURRESON and carried THAT the Committee grant authority to the Executive Director in conjunction with the Chairman to approve requests for no-cost extensions.

Motion 11-9-2022 #3

APPROVED

MOVED by SILVEIRA, duly seconded by ZAVOLTA and carried THAT the Research Subcommittee approve the Budget \$339,129.48 as presented, with the intent that COC staff will approach the Olive Oil Commission to determine if Omar Akbari's project can be co-funded. Additionally, COC staff will approach Louise Ferguson and Georgia Drakakaki to determine, if the two projects presented can be combined into one project to reduce the Budget.

Motion 11-9-2022 #4

APPROVED

MOVED by C. BURRESON, duly seconded by RICCHIUTI and carried THAT the Committee grant authority to the Executive Director and Chairman for inter-item transfers of the Research Budget.