



AGENDA

California Ripe Olive Research Subcommittee Meeting

ZOOM/Conference Call

July 21st, 2020

9:00 AM

Join Zoom Meeting:

<https://us02web.zoom.us/j/82164590197?pwd=Y3pRTGdEMGNPQWNVWm1QaUloTDVjOT09>

Meeting ID: 821 6459 0197

Password: olives

Dial-in:

+1669-900-6833

Meeting ID: 82164590197#

- I. **Call to Order**
 - a. Roll Call **pg.1**
 - b. Research Subcommittee Chairman's comments
 - c. Approval of 11-14-19 Research Subcommittee Minutes **(action item) pg. 3**
- II. **Review of 2019 Research Final Reports pg. 6**
- III. **Update on CA Specialty Crop Block Grant Program Applications pg. 7**
- IV. **Discussion and Approval of 2021 Research Priorities (action item) pg. 8**
- V. **Other Business**
- VI. **Adjournment**

CALIFORNIA OLIVE COMMITTEE

RESEARCH SUBCOMMITTEE

June 1, 2019 – May 31, 2021

PRODUCERS

Members
Carolina Burreson
Michael Silveira
Vito DeLeonardis
Chris Henderson
Giulio Zavolta
Pablo Nerey
Ed Curiel
Pat Ricchiuti
Galen Pfeiffer
Mark Heuer

HANDLERS

Members
Dennis Burreson- CHAIRMAN
Matt Miller
Julia Tinsley
John Pieretti
Jacob Peters
Janet Edwards
Sergio Mendez



**California Olive Committee
Research Subcommittee Meeting Minutes
November 14, 2019
DoubleTree Hotel – Modesto, CA**

I. CALL TO ORDER

A meeting of the Research Subcommittee was called to order by Dennis Burreson at 2:25 PM., and the following members were present:

Members

Dennis Burreson
Carolina Burreson
Mike Silveira
Giulio Zavolta
Vito DeLeonardis
Chris Henderson
Phil Quigley
John Pieretti
Pablo Nerey
Galen Pfeiffer
Jacob Peters
Janet Edwards
Pat Ricchiuti
Ed Curiel
Sergio Mendez

Affiliation:

HANDLER
PRODUCER
PRODUCER
PRODUCER
PRODUCER
PRODUCER
HANDLER
HANDLER
PRODUCER
PRODUCER
HANDLER
HANDLER
HANDLER
PRODUCER
PRODUCER
HANDLER

Others Present:

Todd Sanders
Lindsey Batty
Janette Ramos
Kathie Notoro

COC
COC
COC
USDA

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

MOVED by Carolina Burreson, duly seconded by Galen Pfeiffer, and carried THAT the minutes of the 7.23.19 Research Subcommittee meeting be approved. (11.14.19 #1)

II. Xylella Fastidiosa Presentation

Dr. Krugner from the USDA Ag Research Station in Parlier, CA gave a presentation on the current state of *Xylella Fastidiosa* in California along with Europe and the impacts Europe may have on the U.S.



III. Discussion and Review of 2019 Projects

Each year, the Subcommittee funds research projects and request progress reports from researchers. The current research progress reports were provided in the meeting packet.

III. PRESENTATIONS OF 2019 PROPOSALS

The Subcommittee was provided with all 2019 proposals from each researchers.

2020 RESEARCH PROPOSALS FOR THE CALIFORNIA OLIVE COMMITTEE

TOPIC	LEADERS	AMOUNT
Evaluation of new chemistries to control Olive Fruit Fly	Debra Keenan	\$25,000
Managing Alternate Bearing in Olive with PGRs and Pruning	Carol Lovatt Elizabeth Fichtner	\$23,232
Development of <i>in vitro</i> culture and leaf disc methods to rear black scale for rapid evaluation of control tactics	Raman Bansal Andy Michel	\$47,993
Combining trunk shaking and canopy shaking for a highly efficient, low cost olive harvester.	Reza Ehsani Louise Ferguson	\$109,058
Control of overwintering olive fruit fly using insect pathogenic fungi	Frank Zalom Joanna Fisher	\$17,196
Epidemiology and management of olive knot caused by <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i>	J. E. Adaskaveg	\$15,650
Management of foliar diseases of olive (peacock spot)	J. E. Adaskaveg	\$10,000
Southern San Joaquin Valley Olive Fruit Fly Monitoring Project	Jim Stewart	\$6,400
Sacramento Valley Olive Fruit Monitoring Project	Ernie Simpson	\$6,500
Using Unmanned Aerial Vehicle (UAV)-based High-resolution Imagery and LiDAR Data to Monitor Olive Tree Canopy Structure and Fruit Yield	Maimaiti Maimaitiyiming Vijaya Devabhaktuni Sidike Paheding	\$39,956
A Benefit-Cost Analysis of Mechanical Harvesting for Table Olives in California	Todd Lone Annette Levi	\$39,871
Canopy Profile Mapping for Yield Forecasting & Nutrient Management	Alireza Pourezza	\$51,586
Total * budget estimate; actual budget pending on results		\$392,442

Grant Name	Funds Requested
Educational Outreach for Specialty Crop Farmers on Cost-Benefit of Implementing Ripe Olive Mechanical Harvesting	\$97,520
Preventing <i>Xylella Fastidiosa</i> in CA Ripe Olive by Determining Susceptibility of CA Ripe Olive Varieties	\$59,000



IV. APPROVAL OF 2020 RESEARCH PROJECTS

2020 RESEARCH PROPOSALS FOR THE CALIFORNIA OLIVE COMMITTEE

TOPIC	LEADERS	AMOUNT
Evaluation of new chemistries to control Olive Fruit Fly	Debra Keenan	\$25,000
Managing Alternate Bearing in Olive with PGRs and Pruning	Carol Lovatt Elizabeth Fichtner	\$23,232
Development of <i>in vitro</i> culture and leaf disc methods to rear black scale for rapid evaluation of control tactics	Raman Bansal Andy Michel	\$47,993
Combining trunk shaking and canopy shaking for a highly efficient, low cost olive harvester.	Reza Ehsani Louise Ferguson	\$109,058
Control of overwintering olive fruit fly using insect pathogenic fungi	Frank Zalom Joanna Fisher	\$17,196
Epidemiology and management of olive knot caused by <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i>	J. E. Adaskaveg	\$15,650
Management of foliar diseases of olive (peacock spot)	J. E. Adaskaveg	\$10,000
Southern San Joaquin Valley Olive Fruit Fly Monitoring Project	Jim Stewart	\$6,400
Sacramento Valley Olive Fruit Monitoring Project	Ernie Simpson	\$6,500
Using Unmanned Aerial Vehicle (UAV) based High-resolution Imagery and LiDAR Data to Monitor Olive Tree Canopy Structure and Fruit Yield	Maimaiti Maimaitiyiming Vijaya Devabhaktuni Sidike Paheding	\$39,956
A Benefit Cost Analysis of Mechanical Harvesting for Table Olives in California	Todd Lone Annette Levi	\$39,871
Canopy Profile Mapping for Yield Forecasting & Nutrient Management	Alireza Poureza	\$51,586
Total * budget estimate; actual budget pending on results		\$392,442

MOVED BY Galen Pfeiffer, duly seconded by Carolina Burreson, and unanimously carried THAT the Committee fund all above indicated projects for a total of \$275, 606 with \$50,000 contingency budget for the 2020 FY. (Motion 11.14.19 #2)

MOVED BY John Pieretti, duly seconded by Carolina Burreson, and unanimously carried THAT the Committee allows the Executive Director in conjunction with the Chairman to approve requests for no-cost extensions. (Motion 11.14.19 #3)

MOVED BY John Pieretti, duly seconded by Carolina Burreson, and unanimously carried THAT the Committee grant authority to the Executive Director and Chairman for inter-item transfers of the Research Budget. (Motion 11.14.19 #4)



Date: November 14, 2019

Lindsey Batty, California Olive Committee

*****INFORMATION ONLY*****

FROM: RESEARCH SUBCOMMITTEE

SUBJECT: FINAL 2019 RESEARCH REPORTS

BACKGROUND:

2019 RESEARCH PROJECTS FOR THE CALIFORNIA OLIVE COMMITTEE

- Projects in **red** had No Cost Extensions and are now complete.

Researcher	Project	Amount
Rich Rosecrance	Canopy Management, Tree Hedging and topping to Optimize Yield *4 th year of 4 years	\$ 31,075.00
Debra Keenan	Evaluation of new chemistries to control Olive Fruit fly *2 nd year of 3 years	\$ 25,000.00
Carol Lovatt & Elizabeth Fichtner	Managing Alternate Bearing in olive with PGRs and Pruning *2 nd year of 3 years	\$ 21,570.00
Frank Zalom & Joanna Fisher	Control of overwintering olive fruit fly using insect pathogenic fungi *1 st year of 2 years	\$ 19,678.00
Jim Stewart	Southern Fly Trapping	\$ 6,400.00
Ernie Simpson	Northern Fly Trapping	\$ 6,500.00
J. E. Adaskaveg	Epidemiology and management of olive knot caused by Pseudomonas savastanoi pv. Savastanoi *3 rd year of 4 years	\$ 16,650.00
J. E. Adaskaveg	Management of foliar diseases of olive (peacock spot) *2 nd year of 3 years	\$ 15,000.00
	Contingency Fund	\$ 200,000.00
	Total	\$ 341,873.00

*****INFORMATION ONLY*****

FROM: RESEARCH SUBCOMMITTEE

SUBJECT: Update on CA Specialty Crop Block Grant Program

BACKGROUND:

- In Fall 2019, the California Olive Committee requested \$60,180 to fund a project entitled, Preventing Xylella Fastidiosa in California Ripe Olives by Determining Susceptibility of California Ripe Olive Varieties, under the CA Specialty Crop Block Grant Program. Our application has made it to the second phase of the application process and we expect to hear back in fall 2020 on whether or not we will be receiving the grant.

*****ACTION REQUIRED*****

FROM: RESEARCH SUBCOMMITTEE

SUBJECT: RESEARCH PRIORITIES FOR 2021

BACKGROUND:

- 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. Proposals will be reviewed for funding in November by the subcommittee.

2020 RESEARCH PROJECTS FOR THE CALIFORNIA OLIVE COMMITTEE

Researcher	Project	Amount
Reza Ehsani Louise Ferguson	Combining trunk shaking and canopy shaking for a highly efficient, low cost olive harvester. *1 year project	\$92,699
Debra Keenan	Evaluation of new chemistries to control Olive Fruit Fly *3 rd year of 3 years	\$25,000
Carol Lovatt Elizabeth Fichtner	Managing Alternate Bearing in Olive with PGRs and Pruning *3 rd year of 3 years	\$23,232
Frank Zalom Joanna Fisher	Control of overwintering olive fruit fly using insect pathogenic fungi *2 nd year of 2 years	\$17,196
J. E. Adaskaveg	Epidemiology and management of olive knot caused by <i>Pseudomonas savastanoi pv. savastanoi</i> *4 th year of 4 years	\$16,650
J. E. Adaskaveg	Management of foliar diseases of olive (peacock spot) *3 rd year of 3 years	\$10,000
Jim Stewart	Southern San Joaquin Valley Olive Fruit Fly Monitoring Project	\$6,400
Ernie Simpson	Sacramento Valley Olive Fruit Monitoring Project	\$6,500
	Total	\$ 197,677.00

Other Business