



II. Review of 2020 Research Final Reports

2020 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 and also on the COC website under the ‘Industry’ tab.

Researcher	Project	Amount
Reza Ehsani Louise Ferguson	Combining trunk shaking and canopy shaking for a highly efficient, low cost olive harvester.	\$92,699
Debra Keenan	Evaluation of new chemistries to control Olive Fruit Fly	\$25,000
Carol Lovatt Elizabeth Fichtner	Managing Alternate Bearing in Olive with PGRs and Pruning	\$23,232
Frank Zalom Joanna Fisher	Control of overwintering olive fruit fly using insect pathogenic fungi	\$17,196
J. E. Adaskaveg	Epidemiology and management of olive knot caused by Pseudomonas savastanoi pv.savastanoi	\$16,650
J. E. Adaskaveg	Management of foliar diseases of olive (peacock spot)	\$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

III. Update on CA Specialty Crop Block Grant Program Applications

- On July 13, 2021 the California Department of Food and Agriculture (CDFA) announced they will be accepting proposal for one-time specialty crop block grants. In addition to the regular SCBGP funding authorized by the Farm Bill, the United States Congress has awarded additional one-time SCBGP funding to state department of agriculture due to the COVID-19 impacts on the food system.
- The COC will be submitting two grant proposal ideas:
 - Machine harvesting of existing mature trees coupled with a cost of production study.
 - A sustainability assessment in partnership with the Olive Oil Commission.



IV. Discussion and Approval of 2022 Research Priorities

- 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.
- On the following page are the 2021 Research Priorities.

2021 RESEARCH PROJECTS FOR THE CALIFORNIA OLIVE COMMITTEE

Researcher	Project	Amount
Giulia Marino Louise Ferguson	Timing Ethylene Applications as a Function of Heat Unit Accumulation	\$24,470
Carol Lovatt Elizabeth Fichtner	Managing Alternate Bearing in Olive with PGRs and Pruning	\$27,230
Giulia Marino Louise Ferguson	Precise Water Management Strategies for Table Olive Orchards in California	\$54,303
Reza Ehsani Louise Ferguson	Combining trunk shaking and canopy shaking for a highly efficient, low cost olive harvester-Mature Trees	\$69,997
J. E. Adaskaveg	Epidemiology and management of olive knot caused by <i>Pseudomonas savastanoi pv.savastanoi</i>	\$16,650
J. E. Adaskaveg	Management of foliar diseases of olive (peacock spot)	\$10,000
Georgia Drakakaki	Characterization of Olive Fruit Abscission Zone in Response to Ethylene Applications and as a Function of Developmental Stage	\$64,260
Jim Stewart	Southern San Joaquin Valley Olive Fruit Fly Monitoring Project	\$9,950
Ernie Simpson	Sacramento Valley Olive Fruit Fly Monitoring Project	\$6,500
Contingency Fund		\$20,000.00
	Total	\$303,360

2022 Research Priorities

1. Olive fruit fly trapping for North and South
2. Olive knot (COC & OGCC)
3. Drone technology/satellite mapping (Ceres)
4. Deficit irrigation
5. Mechanical harvesting on existing and new high density orchards
6. Loosening Agents
7. Peacock Spot



8. Managing alternate bearing / Nutrient management/irrigation
9. Olive DNA evaluation
10. Canopy Management
11. Olive fruit fly alternative solutions

- **MOVED by Pat Ricchiuti, duly seconded by Mike Silveira and carried THAT the Research Subcommittee approve the 2022 Research Priorities. (MOTION 7-20-21 #2)**

V. Other Business

NONE

VI. Adjournment

Chairman Dennis BURRESON adjourned the Research Subcommittee meeting at 9:56 a.m.

Todd W. Sanders
Executive Director
California Olive Committee



Summary of Motions for July 20, 2021

Motion 7-20-2021 #1

APPROVED

MOVED by Pat Ricchiuti, duly seconded by John Pierretti, and carried THAT the minutes for January 22, 2021, be approved as presented.

Motion 7-20-2021 #2

APPROVED

MOVED by Pat Ricchiuti, duly seconded by Mike Silveira and carried THAT the Research Subcommittee approve the 2022 Research Priorities.