

IAB Research Proposals Submitted for Evaluation

For July 2023 to June 2024 Funding Cycle

Fruit, Nut, Olive, & Pome Tree

Project Title	Project Summary/ Funding Requested	Presentation
Support to Foundation Plant Services 2023/2024 - Dr. Maher Al Rwahnih, UC Davis	Project Summary - FPS \$1,832,402	Budget Summary - FPS
Development of a Biomarker for Walnut Juvenility (year 2) - Dr. Pat J. Brown, UC Davis	Project Summary - Walnut Juvenility Biomarker \$41,678	Presentation - Walnut Juvenility Biomarker
Maintenance and Characterization of the Strains of the Causal Agent of Huanglongbing found in CA (year 1 of 2) - Dr. Kris Godfrey, UC Davis	Project Summary - HLB \$105,006	Presentation - HLB
Identifying Potential Biomarkers for Non-Infectious Bud Failure Using Site Specific DNA Methylation and RNA Expression (year 1 of 1) - Dr. Will Hazzard, UC Davis	Project Summary - Non-Infectious Bud Failure \$49,707	Presentation - Non-Infectious Bud Failure
Study of the Effects of Little cherry virus-1 and Little cherry virus-2 on Different Cherry Rootstocks (year 7) - Dr. Maher Al Rwahnih, UC Davis	Project Summary - Little Cherry Virus \$19,843	Presentation - Little Cherry Virus
Testing Prunus rootstocks for resistance to <i>Meloidogyne floridensis</i>, the peach root-knot nematode (year 1 of 2) - Dr. Andreas Westphal, UC Riverside	Project Summary - Peach Root-Knot Nematode \$57,412	Presentation - Peach Root-Knot Nematode

IAB research project proposals for funding cycle FY 2023-2024 are available online at:

<http://maps.cdfa.ca.gov/Presentations/IAB/>

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Grapevines

Project Title	Project Summary/ Funding Requested	Presentation
Biodetection Program using Dogs to Detect Leafroll and Red Blotch Diseases in Grapevines, Including the Development of Training Aids (year 1 of 3) - Juan Manuel Mancilla Tapia, OBI-K9	Project Summary - OBI-K9 Biodetection \$611,700	Presentation - OBI-K9 Biodetection
Infection Biology of Grapevine Red Blotch Virus (year 1 of 3) - Dr. Achala KC, Oregon State University	Project Summary - Red Blotch Infection Biology \$97,736	Presentation - Red Blotch Infection Biology
Management Strategies of Grapevine Trunk Diseases in Nurseries (year 1 of 3) - Dr. Akif Eskalen, UC Davis	Project Summary – Grapevine Trunk Diseases \$159,807	Presentation - Grapevine Trunk Diseases
Managing Trunk Diseases in Plant Nursery Stock (year 4 of 4) - Dr. Philippe Rolshausen, UC Riverside - Dr. Dario Cantu, UC Davis	Project Summary - Trunk Diseases \$116,915	Presentation - Trunk Diseases
Estimating the optimal time to detect new GRBV infections in vineyards using sentinel vines at Russell Ranch Vineyard (year 2 of 3) - Dr. Maher Al Rwahnih, UC Davis	Project Summary - GRBV Sentinel Vines \$105,006	Presentation - GRBV Sentinel Vines
Improved Plant Identification for Crop Certification (year 1 of 2) - Dr. Maher Al Rwahnih, UC Davis	Project Summary - Improved ID \$159,807	Presentation - Improved ID

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Progress/Final Reports for IAB Research Proposals For July 2022 to June 2023 Funding Cycle

Project Title	Progress/Final Reports
Development of a Biomarker for Walnut Juvenility - Dr. Pat J. Brown, UC Davis	Progress Report - Walnut Juvenility Biomarker
Study of the Effects of Little cherry virus-1 and Little cherry virus-2 on Different Cherry Rootstocks - Dr. Maher Al Rwahnih, UC Davis	Progress Report - Little Cherry Virus
Managing Trunk Diseases in Plant Nursery Stock - Dr. Philippe Rolshausen, UC Riverside - Dr. Dario Cantu, UC Davis	Progress Report - Trunk Diseases
Estimating GRBV within-vine Distribution using Sentinel Vines Planted at Russell Ranch Vineyard - Dr. Maher Al Rwahnih, UC Davis	Progress Report - GRBV Sentinel Vines

Progress and final reports for IAB research projects are available online at:
<https://www.cdfa.ca.gov/plant/pe/nsc/iab/index.html>