

CRDF Portfolio as of 7/28/2025

Project No#	Principal Investigator	Institution	Project Title
20-002C	Diepenbrock, Lauren	University of Florida	Developing near and long-term management strategies for Lebbeck mealybug (<i>Nipaecoccus viridis</i>) in Florida citrus
20-018C	Davis, Christine (UCD) NIFA Subaward	UC Davis	Collaborative approach between academics, growers and agrochemical industry to discover, develop and commercialize therapies for citrus huanglongbing (HLB)
20-020C	Batuman, Ozgur (UF) NIFA Subaward	University of Florida	Collaborative approach between academics, growers and agrochemical industry to discover, develop and commercialize therapies for citrus huanglongbing (HLB)
21-002C	Irey, Mike	Southern Gardens	Continuing Support for the Southern Gardens Diagnostic Laboratory
21-007	Alferez, Fernando	University of Florida	Reducing fruit drop by altering hormonal responses within the tree through nutritional and hormonal therapies: a mechanistic affordable approach
21-008	Bowman, Kim D.	USDA-ARS	Development of Next-Generation SuperSour rootstocks with tolerance to HLB
21-012	Dewdney, Megan	University of Florida	Evaluating the role of greasy spot and peel disorders in the greasy green defect on citrus fruit
21-013	Duncan, Larry	University of Florida	Integrated management of sting nematode in newly planted citrus trees.
21-014	El Mohtar, Chooa	University of Florida	CTV-T36 vectors as a tool to induce efficient flowering in citrus seedlings
21-025	Mattia, Matt	USDA-ARS	Transgenic capable field site to assess HLB-resistant and other improved citrus
21-028	Wang, Nian	University of Florida	Generation of non-transgenic HLB-resistant sweet orange varieties using CRISPR-Cas technology
21-032	Albrecht, Ute	University of Florida	Assist with CRDF Phase 3 Rootstock Field Trials
22-002	Santra, Swadeshmakul	University of Central Florida	Management of tree health and huanglongbing disease pressure using advanced Zn formulations
22-003	Alferez, Fernando	University of Florida	Determining best timing for Brassinosteroid (Brs) application to achieve maximum beneficial effects on citrus tree health and fruit yield and quality
22-007	Alico, Inc.	Alico, Inc.	Grower Cooperator - CRDF Rootstock Trials
22-013	Diepenbrock, Lauren	University of Florida	Getting to the root of the problem: Managing Diaprepes root weevil on trees with HLB
22-014	Diepenbrock, Lauren	University of Florida	Developing management for Bulimulus bonariensis snails in Florida citrus
22-017	Levy, Amit	University of Florida	Improving the Systemic Uptake of Therapeutic Compounds by Trunk Injections
22-019	Dutt, Manjul	University of Florida	Understanding the HLB tolerance and reduced fruit drop in Parson Brown and evaluation of other early season sweet oranges
22-020	Turgeon, Robert	Cornell University	Protecting citrus trees from citrus greening with anchored, single-chain antibodies
23-001	Stelinski, Kirsten	University of Florida	Effects of trunk-injected oxytetracycline on tree infection and health, psyllid pathogenicity, and vector population
23-002	Albrecht, Ute	University of Florida	OTC Directed Research Solicitation: Use of CRDF Rootstock Trial Locations for Testing Bactericides Inserted into Trees Through Systemic Delivery Devices
23-003	Ritenour, Mark	University of Florida	Evaluation of Potential HLB Tolerant Grapefruit Rootstock/Scion Combinations in Florida
23-005	Albrecht, Ute	University of Florida	Bac. Trial 1: Use of CRDF Rootstock Trial Locations for Testing Bactericides Inserted into Trees Through Systemic Delivery Devices
23-014	Batuman, Ozgur	University of Florida	Determining the effect of oxytetracycline when rotated with additional crop antimicrobials on citrus phytotoxicity and CLas reduction
23-018	Mandadi, Kranthi	TAMU AgriLife	Truck injection-based evaluation of novel anti-CLas chemistries and OTC combinations for Florida citrus and HLB disease management
23-020	Black, Larry	Peace River Packing Company	Grower Cooperator-Participation in CRDF Rootstock Trials
23-021	Brlansky, Ron	University of Florida	Improved Diagnostics and Determination of Triggers for Citrus Blight
23-027	Wang, Yu	University of Florida	Exploring the efficacy of natural antibacterial agents for CLas control via trunk injection
23-029	Chater, John	University of Florida	Consolidation of citrus breeding plant material to vacate space for Stage I and Stage II field trials and to exploit tolerant germplasm for gene editing strategies.
23-030	Mou, Zhonglin	University of Florida	Evaluate new transgenic rootstocks for HLB tolerance
23-031	Johnson, Weston	The Coca Cola Company	Accelerate Establishment of Stage 2 Citrus Trials to Combat Citrus Greening Disease
23-034	Messina, Charles	University of Florida	Taking aim at Citrus Greening: Activating the IFAS Crop Transformation Center (ICTC) to implement an idea to product framework
23-036	Albrecht, Ute	University of Florida	RFP 2: Testing the Injection of Oxytetracycline (OTC) in a pH Neutral Solution
23-038	Schirard, Pat	Patrick Fruit Company	Grower Cooperator - field trials of molecules for their ability to mitigate the effects of HLB on citrus trees
23-039	Womack, Art		Grower Cooperator - field trials of molecules for their ability to mitigate the effects of HLB on citrus trees
23-040	Bonning, Bryony C.	University of Florida	Optimal combination of Bt toxins and gene silencing RNAs for management of citrus root weevil
23-041	Duncan, Larry	University of Florida	Breaking the Diaprepes Life Cycle with Physical Barriers

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23-043	Scott, Daniel	Westwood Groves, LL	Grower Cooperator - field trials of molecules for their ability to mitigate the effects of HLB on citrus trees
23-044	Pang, Zhiquan	Silvec Biologics	A combined approach to reduce CLas and reverse symptoms in orchard trees
23-045	Adair, Robert C.	The Florida Research Center for Agricultural Sustainability, Inc.	Grower Cooperator - field trials of molecules for their ability to mitigate the effects of HLB on citrus trees
23-046	McKenna Assoc	McKenna Assoc	Grower Cooperator - field trials of molecules for their ability to mitigate the effects of HLB on citrus trees
23-048	Yonce, Henry	Yonce Agricultural Research, Inc.	Yr 2 of Bac.Trial.8: Yield Comparison Between Bactericide and Non-treated Control Blocks on Yield and Tree Health
23-049	Sutton, Daniel - Assigned to Jarred B. Eddy	Alico, Inc. - Assigned to Central Florida Ag Service, Inc.	Grower cooperator - Scion trial
23-050	Machata, Matthew	Rolling Meadows Ranch	Grower cooperator - Scion trial
23-051	Yonce, Henry	Yonce Agricultural Research, Inc.	RFP: Field Trial Potential Year-Three HLB Treatments for OTC Treated Trees
24-001	Alferez, Fernando	University of Florida	Integrating novel copper formulations with brassinosteroids for citrus canker management
24-003	Batuman, Ozgur	University of Florida	Exploring plant defense inducers as complementary strategies to copper application for controlling citrus canker and enhancing citrus greening mgmt in FL citrus groves
24-004	Batuman, Ozgur	University of Florida	Evaluation of the breakdown curve of OTC in the plant for control of HLB in the field.
24-005	Santra, Swadeshmakul	University of Central Florida	Protecting trees using nano-GRAS IPM strategy
24-009	Vincent, Christopher	University of Florida	Injury-Free Root Delivery Device for Therapeutics in Young Trees
24-010	Bock, Clive	USDA-ARS	Citrus black spot – what is the risk of dispersal of inoculum in FL in relation to current quarantine measures?
24-011	Chater, John	University of Florida	The bright future of citrus breeding: a transformational three-year grand plan for commercial variety development focused on HLB tolerance.
24-014	Mattia, Matt	USDA-ARS	The bright future of citrus breeding: a transformational three-year grand plan for commercial variety development focused on HLB tolerance.
24-015	Dutt, Manjul	University of Florida	Rapid production of non-transgenic genome edited citrus plants
24-017	Edenfield, Mike	Florida Agco	Extension of final USDA NIFA CAP trials, Plant Defense Inducers to support OTC injections for healthy citrus and alternative mode of action
24-018	Stelinski, Lukasz	University of Florida	Development of Bt-transformed citrus varieties for simultaneous control of psyllids and root weevils
24-019	Chaparro, Jose X.	University of Florida	Generation and Evaluation of Citrus Hybrids for Processing
24-020	Johnson, Weston	The Coca-Cola Company	Trial of 30: The Next Stage 2 Citrus Trials to Combat Citrus Greening Disease
25-001	Stelinski, Lukasz	University of Florida	Assessing Susceptibility to Insecticides and Candidatus Liberibacter asiaticus Prevalence in Asian Citrus Psyllid Field Populations in Florida
25-004	Arrant, Cole	Florida Citrus Threat	Evaluation of Commercially Available Chemicals for Use in Truck Injection of Citrus