



HLB MAC Funded Projects FY2017-2018

Project Title	Principle Investigator	State(s)	Affiliation	Total Amount	Producer Benefits
Canine detection of citrus HLB: rapid, sensitive, and reliable early detection for optimum disease suppression in California	Gottwald, Tim	FL	Agricultural Research Service	\$ 703,957	Development of an EDT for growers to use as a management tool.
Establishing a baseline for healthy citrus for HLB early detection technologies in California: CA-1 phase 2	McRoberts, Neil	CA	University of California Davis	\$ 281,688	Development of an EDT for growers to use as a management tool.
Supplemental Funding: Mitigation of Citrus HLB by Integrating Thermotherapy and Antimicrobial Treatments in Texas	Ancona, Veronica	TX, FL	Texas A&M Kingsville	\$ 20,000	Development of a therapeutic for trees infected with HLB.
Development and implementation of 'attract & kill' strategies for integrated and sustainable control of Asian citrus psyllid along interfaces between residential citrus and productive groves	Setemou, Mamoudou	TX	Texas A&M Kingsville	\$ 247,558	Development of better vector control in residential areas.
Upgrades to California Citrus Clonal Protection Program	Vidalakis, Georgios	CA	University of California Riverside	\$ 99,360	Development of tolerant or resistant root stock of scions.
Regulatory Summit to Address the Interstate Movement of Citrus Plant Materials for Huanglongbing Research	Klein, Melinda	CA	Citrus Research Board	\$ 64,000	Meeting to address barriers to the advancement of citrus breeding research into HLB tolerant or resistant citrus.
Synergistic Chemical Treatment Combinations to Control HLB	Strauss, Tina	FL	Premier Citrus, LLC.	\$ 224,094	Field testing of treatments that showed promise in the lab.
Field-Scale Hydro-solar Thermotherapy to Treat HLB-Diseased Citrus Trees	Applied Research Associates, Inc.	NM	Administered by DHS.	\$ 149,985	Continuation of a two year project to develop and commercialize equipment to use solar heated water as a therapy for HLB infected trees.
Widespread Field Testing of New HLB-Tolerant Citrus Scions & Rootstocks: Young Tree Evaluation in Field Trials Established by 3 Major MAC-Funded Projects	Albrecht, Ute	FL	MAC Program, USDA APHIS Plant Protection and Quarantine, UF and USDA/ARS	\$ 952,966	Field trials of potentially HLB tolerant root stock and scions.

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Grower Evaluation of Potential HLB Tolerant Grapefruit Rootstock/Scion Combinations in the Indian River District of Florida	Ferrarezi, Rhuaito	FL	Indian River Citrus League, ARS, University of Florida-Citrus Research and Education Center	\$ 1,828,971	Field trials of some of the newest experimental grapefruit scion/rootstock combinations that may have tolerance to HLB.
Development of a Systems Approach to Funding HLB Research	Schulz, Gary	CA	Citrus Research Board	\$ 30,000	Establishing better coordination between citrus funding agencies to achieve maximum results with available resources.
Modeling activities associated with summarizing the biocontrol program for Asian Citrus Psyllid funded by the Citrus Health Response Program	McRoberts, Neil	CA	UC Davis	\$ 64,965	Evaluating the investment in biocontrol work for ACP to determine where and when to use the strategy in the future.
Strengthening Asian citrus psyllid biological control through evaluation of resident predators using biological and molecular techniques to identify promising candidates for augmentative releases	Setamou, Mamoudou	TX, FL	Texas A&M Kingsville	\$ 155,911	Establishing better vector control by development of additional biocontrol agents.
Development of a viral vector platform based on a novel citrus virus-like RNA (Citrus yellow vein associated virus, CYVaV) to Combat Huanglongbing (HLB) and its psyllid vector	Simon, Anne	MD	University of Maryland	\$ 427,348	Development of a new delivery mechanism for introducing bioengineered components to citrus plants as therapy for HLB.
				\$ 5,250,803	