



## HLB MAC Projects Funded During FY2018

Project Title	Principal Investigator	State(s)	Affiliation	Total Amount	Producer Benefits
Development of a Systems Approach to Funding HLB Research	Schulz, Gary	CA	Citrus Research Board	\$30,000	Development of a cohesive plan for coordinating citrus research in order to move towards solutions for HLB more quickly.
Modeling the impacts of biological control on Asian Citrus Psyllid population dynamics in Texas, Florida, and California	McRoberts, Neil	CA	University of California Davis	\$64,965	Evaluation of impact of biological control programs in Texas, California, and Florida on ACP populations.
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 University Kingsville	\$155,911	Evaluation of alternative biological control agents for suppression of ACP populations.
Care and maintenance of canine detector dogs for HLB		FL	Coast 2 Coast Canines	\$50,000	Development of an EDT for growers to use as a management tool in California
Canine detection of citrus HLB: rapid, sensitive, and reliable early detection for optimum disease suppression in California	Gottwald, Tim	FL	ARS	\$116,000	Development of an EDT for growers to use as a management tool in California
Canine detection of citrus HLB: rapid, sensitive, and reliable early detection for optimum disease suppression in California	Gottwald, Tim	FL	F1K9	\$245,750	Development of an EDT for growers to use as a management tool in California

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Canine detection of citrus HLB: rapid, sensitive, and reliable early detection for optimum disease suppression in California	Gottwald, Tim	FL	Excelsior K9	\$138,700	Development of an EDT for growers to use as a management tool in California
Establishing a baseline for healthy citrus for HLB early detection technologies in California: CA-1 phase 2	McRoberts, Neil	CA	University of California Davis	\$278,810	Development of an EDT for growers to use as a management tool in California
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 University Kingsville	\$247,558	
Regulatory Summit to Address the Interstate Movement of Citrus Plant Materials for Huanglongbing Research	Klein, Melinda	CA	Citrus Research Board	\$64,000	
Coordination of Citrus Breeding Programs	Klein, Melinda	CA	Citrus Research Board	\$60,000	Workshop to identify and eliminate barriers to effective research collaborations on Clas resistant or tolerant citrus rootstocks and scions.
Artificial intelligence apps for smartphones: a modern diagnostic extension tool for citrus growers and home owners to rapidly identify nutrient deficiencies and HLB symptoms in Florida groves	Schumann, Arnold	FL	University of Florida	\$27,000	Producing citrus under high HLB disease pressure