

CRDF RFP 2018 Approved Proposals

RMC-2018 PROPOSAL #	PI	INSTITUTION	TITLE
18-004	Bowman, Kim D.	USDA-ARS	Development of SuperSour and other outstanding rootstocks with tolerance to HLB
18-006	Dewdney, M.M.	Univ. of Florida	Understanding the underlying biology of citrus black spot for improved disease management
18-007	Dutt, Manjul	Univ. of Florida	Investigating the role of transgenic rootstock-mediated protection of non-transgenic scion.
18-010	Gmitter, Fred	Univ. of Florida	Upgrading Citrus Genome Sequence Resources: Providing the Most Complete Tools Necessary for Genome Editing Strategies to Create HLB Resistant Cultivars
18-013	Jones, Jeffrey B.	Univ. of Florida	Using a Multipronged Approach to Engineer Citrus for Canker Resistance
18-016	McNellis, Tim	Penn State Univ.	Testing grapefruit trees expressing an anti-NodT antibody for resistance to HLB
18-017	Mou, Zhonglin	Univ. of Florida	Establish early-stage field trials for new HLB-tolerant canker-resistant transgenic scions
18-018	Pelz-Stelinski, Kirsten	Univ. of Florida	Disrupting transmission of <i>Candidatus Liberbacter asiaticus</i> with antimicrobial therapy
18-019	Rogers, Elizabeth E.	USDA-ARS	Phloem specific responses to CLAs for the identification of novel HLB Resistance Genes
18-020	Santra, Swadeshmakul	Univ. of Central Florida	Novel multi-metal systemic bactericide for HLB control
18-022	Stover, Ed	USDA-ARS	Delivery of Verified HLB-Resistant Transgenic Citrus Cultivars
18-024	Triplett, Eric W.	Univ. of Florida	Foliar phosphate fertilization: a simple, inexpensive, and unregulated approach to control HLB
18-025	Wang, Nian	Univ. of Florida	Optimization of the CRISPR technology for citrus genome editing
18-026	Wang, Nian	Univ. of Florida	Control citrus Huanglongbing by exploiting the interactions between <i>Candidatus Liberibacter asiaticus</i> and citrus
CPDC-2018 PROPOSAL #	PI	INSTITUTION	TITLE
18-028C	Albrecht, Ute	Univ. of Florida	Comparison of field performance of citrus trees on rootstocks propagated by seedlings, cuttings, and tissue culture
18-029C	Albrecht, Ute	Univ. of Florida	Evaluation of citrus rootstock response to HLB in large-scale existing field trials using conventional and automated procedures
18-032C	Alferez, Fernando	Univ. of Florida	Preventing young trees from psyllids and infection with CLAs through use of protective netting
18-033C	Ampatzidis, Yiannis	Univ. of Florida	Automated root mapping to enhance field trial evaluation of citrus rootstocks in the HLB era
18-034C	Dewdney, M.	Univ. of Florida	Improved postbloom fruit drop management and exploring PFD spread in Florida
18-036C	Duncan, Larry	Univ. of Florida	Cover crops and nematicides: comprehensive nematode IPM across the grove landscape
18-039C	Grosser, Jude W.	Univ. of Florida	Part B - The UF/CREC Citrus Improvement Program's Field Trial Evaluations (Complementary to Part A - The UF/CREC Core Citrus Improvement Program, being submitted as an RMC proposal).
18-040C	He, Zhenli	Univ. of Florida	Evaluation of the spatiotemporal dynamics of bactericides within the citrus tree via different application methods
18-041C	Johnson, Evan	Univ. of Florida	Characterizing HLB-pH interaction to improve management of root function and tree health
18-042C	Kadyampakeni, Davie	Univ. of Florida	Development of Root Nutrient and Fertilization Guidelines for Huanglongbing (HLB)-Affected Orange and Grapefruit
18-050C	Niedz, Randall P.	USDA-ARS	The effect of the ionization state of iron and citric acid on the health of HLB-infected trees.
18-051C	Pelz-Stelinski, Kirsten	Univ. of Florida	Improving bactericide therapy for young tree protection and inoculum reduction
18-052C	Qureshi, Jawwad	Univ. of Florida	Sustainable Management of Asian citrus psyllid (ACP) and Citrus Production
18-055C	Qureshi, Jawwad	Univ. of Florida	Optimizing Benefits of UV Reflective Mulch in Solid Block Citrus Plantings
18-056C	Stelinski, Lukasz	Univ. of Florida	Functional IPM for Asian citrus psyllid under circumstances of chronic HLB
18-059C	Strauss, Sarah	Univ. of Florida	Citrus row middle management to improve soil and root health
18-061C	Vashisth, Tripti	Univ. of Florida	Evaluating sustainability of yield and fruit quality of sweet oranges with use of controlled release fertilizer and micronutrients
18-064C	Wang, Nian	Univ. of Florida	Evaluation of the control effect of bactericides against citrus Huanglongbing via trunk injection