
Homeowners Involvement in the Management of Asian Citrus Psyllid (*Diaphorina citri*) in Residential Areas

Researchers: Romain Exilien,
Xavier Martini

Contact: Xavier Martini
xmartini@ufl.edu

UF/IFAS NFREC



Asian citrus psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae), the vector of the bacteria that causes huanglongbing (HLB), was first introduced in the Florida citrus belt and subsequently spread throughout the state. Since its detection, the expansion of *D. citri* was limited to southern and central regions of Florida. However, recent research on the phenology and distribution of this pest has

documented its northward spread through residential areas, thus posing a major risk to the emerging cold-hardy citrus industry in north Florida and south Georgia. To investigate homeowners' knowledge of *D. citri* and HLB, and their willingness and ability to control ACP in their backyards, a survey will be conducted in residential areas in summer 2022. We will ask homeowners

what control strategies will be acceptable to implement in their garden, the cost, and the time they are willing to spend on it, and if they will remove a tree diagnosed for HLB. The outcomes of this work will provide a baseline for implementing Extension strategies for Asian citrus psyllid and HLB control in urban habitats.

Funding

