



LOUISIANA DEPARTMENT of
AGRICULTURE & FORESTRY

MIKE STRAIN, DVM
Commissioner

PEST: Asian Citrus Psyllid (*Diaphorina citri* Kuwayama)

BASIC PROFILE: ACP is a small insect resembling a tiny cicada that feeds on the sap of citrus and related species, including orange jasmine. It is a known vector that transmits citrus greening disease. ACP eggs are laid on flush growth citrus leaves; there are five nymphal stages that feed on the plant sap and remain fairly stationary; adults are very small (~3mm, 1/8 inch) and can jump and fly but tend to move only short distances (1/4 mile) and may live two months or more. Physical damage to citrus trees is minimal but the real concern is the citrus greening disease the insect transmits. ACP is widespread in Florida and Texas and is known from a number of counties throughout the southeastern U.S. and in CA. It has been found in several South Louisiana parishes.

LDAF ACTIVITY: We continue to conduct survey jointly with USDA for ACP in residential areas, citrus groves and nurseries. We also look for ACP during routine marketplace inspections and at nursery grower / NSD locations. Louisiana citrus nurseries are under compliance agreements and must treat plants prior to movement according to federal quarantine protocols. Shipments cannot go to non-infested portions of citrus-producing states. Areas infested with both ACP and citrus greening are not be allowed to ship citrus nursery stock outside of those disease-infested areas. ACP finds in nurseries or at NSD sites result in stop sales, treatment and re-inspection.

Psyllid Immature



M.E. Rogers



Natalie Hummel

Citrus Greening Disease



Univ FL



CAES - Taiwan

Psyllid Adults



FDACS DPI



David Hall



Natalie Hummel