



Quarterly Report

July – September 2019

Completed reports are published online at www.DATOC.us.

CPDPP Disease Management Evaluation

In September, the DATOC expert panel gathered for two days of data-driven discussions in Denver, CO. The meeting covered a variety of analyses, including an extensive discussion of an evaluation of CPDPP's activities in Southern California. This led to a decision to use the Agent-Based Model developed at the U.S. Department of Agriculture - Agricultural Research Service U.S. Horticultural Research Laboratory in Fort Pierce, FL, to evaluate how huanglongbing (HLB) would have been expected to develop in San Gabriel in the absence of intervention. This project is currently underway, and will be completed by March 2020.

Structuring Survey Activities

Residential areas sampled for HLB detection are largely selected by a model and referred to as the "Residential Risk-Based Survey". A similar model exists for commercial areas and the interface between residences and commercial groves. DATOC presented output from the latter, the "Commercial Risk-Based Survey", alongside the Residential Risk-Based Survey to the CPDPP Operations Subcommittee. This displayed the proposed activity for the next sampling cycle in the quarantine zone within LA and Orange Counties, especially as it compared to Ventura. Considerations of selected sample locations as they relate to overall program strategy are ongoing.

Data Sharing Coordination

The third quarter of 2019 saw an increase in the need for coordination between parties nationwide. DATOC provided data and mapping services for USDA scientists, the QBE lab at UC Davis, ACP-HLB task forces, and various CRB-funded projects.

Canine Deployment Protocol

After detector canines alerted on trees in several groves in Ventura County, it became apparent that an established protocol was needed to help guide growers in preparing and responding to visits by the dogs. DATOC has coordinated the drafting of such a protocol with input from the Ventura County Task Force, local PCAs, F1K9, and scientists who were involved in the canine training program. Final considerations are now being addressed and the protocol is nearly complete.

Situational Monitoring

DATOC has provided ongoing monitoring of disease progress in CA, including regular updates to maps and graphs of CLas+ trees and Asian citrus psyllids on DATOC.us.