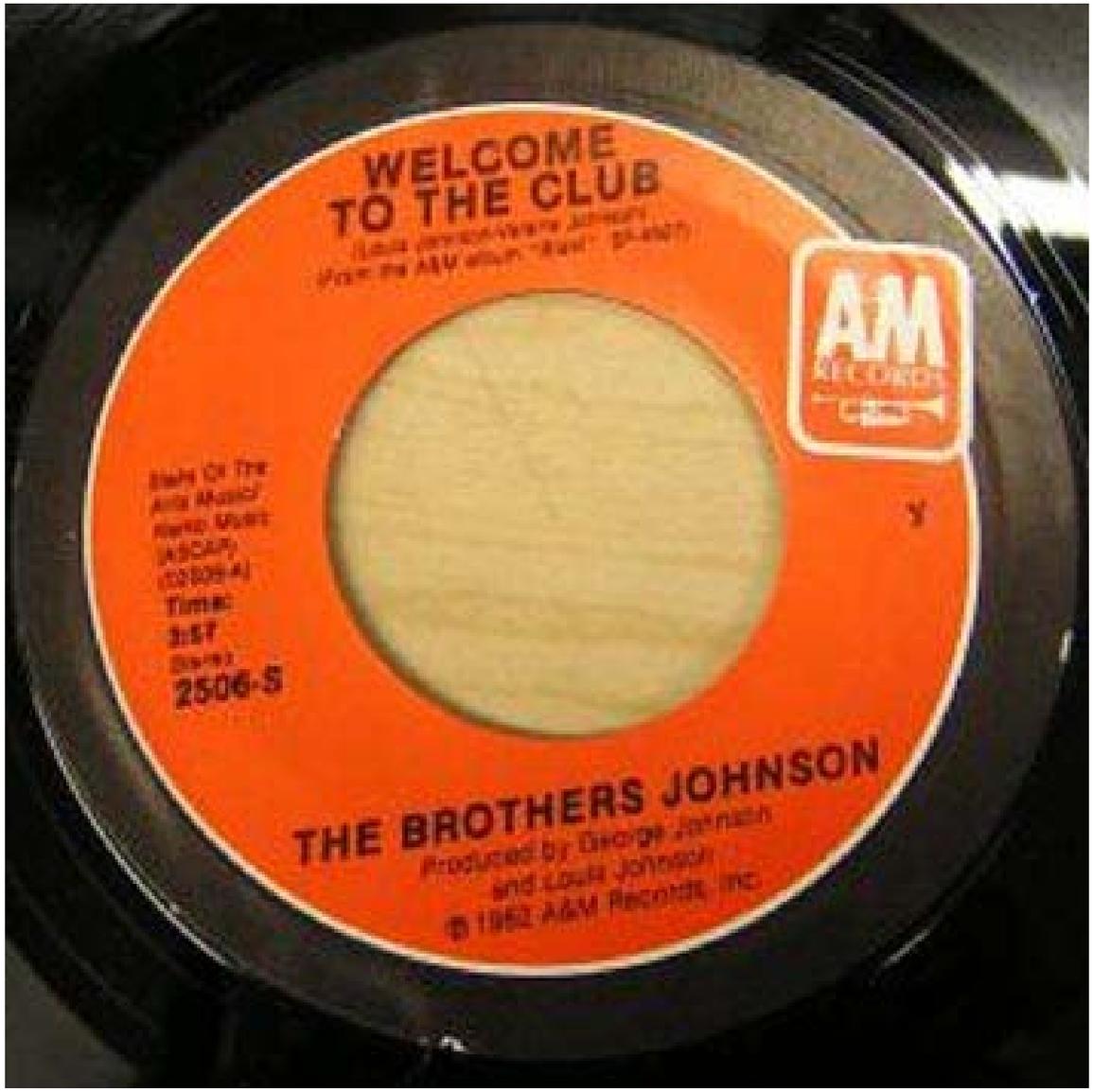




ACP and HLB status in Arizona and nearby Mexico

Glenn C Wright, PhD., University of Arizona
Yuma Agriculture Center

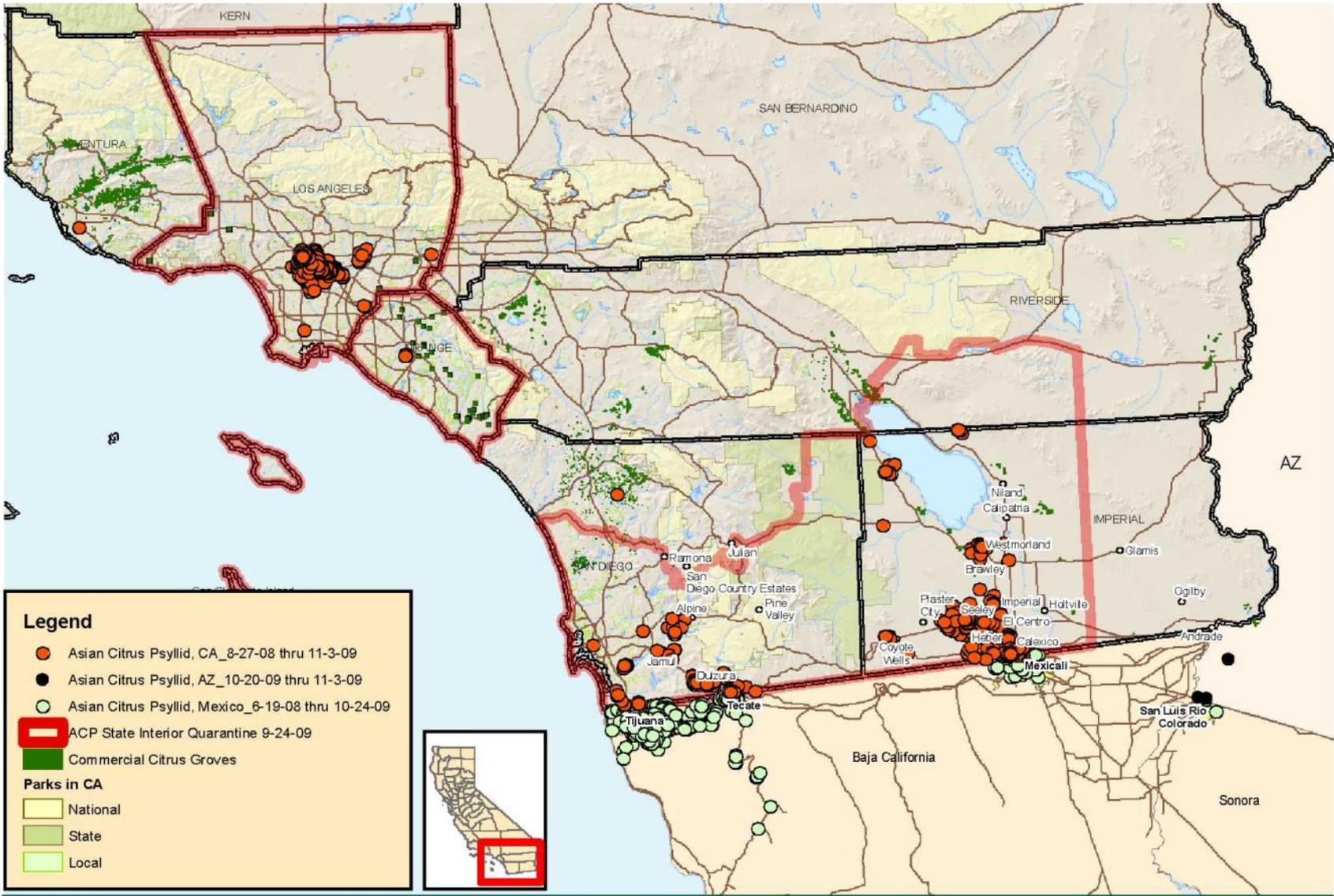


ACP in Yuma area

- ▶ First ACP finds (2) in the city of San Luis AZ on 10/20/09
- ▶ Next positive find 10 miles north, in Somerton, AZ on 11/2/09.
- ▶ Interior quarantine implemented on 11/5/09.
- ▶ Fourth ACP found in the city of Yuma on 11/9/09.
- ▶ All four have been males.
- ▶ Additional ACP have been found on the original trees in San Luis, AZ
- ▶ All psyllids have been tested for HLB. **No HLB has been found in Arizona.**



Asian Citrus Psyllid Cooperative Project California and Baja California



Legend

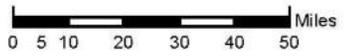
- Asian Citrus Psyllid, CA_8-27-08 thru 11-3-09
- Asian Citrus Psyllid, AZ_10-20-09 thru 11-3-09
- Asian Citrus Psyllid, Mexico_6-19-08 thru 10-24-09
- ACP State Interior Quarantine 9-24-09
- Commercial Citrus Groves
- Parks in CA**
- National
- State
- Local



USDA, APHIS, PPO
Western Region GIS Specialist
650 Capitol Mall, Suite 6-400
Sacramento, CA 95814

Coordinate System:
CA Teale Albers, NAD83
Date Created: November 6, 2009

Data Source:
CA Dept of Food & Agric.
USDA, APHIS, IS
TeleAtlas Dynamap, Counties



The U.S. Department of Agriculture's Animal and Plant Health Inspection Service collected the data displayed for internal agency purposes only. These data may be used by others, however, they must be used for their original intended purpose.



ASIAN CITRUS PSYLLID QUARANTINE AREA

Arizona Administrative Order: DAO 09-06
Portions of Yuma County



Legend:

- Quarantine Boundary. (Green line)
- Interstate (Blue line)
- Highway (Red line)
- Arizona ACP locations (Green star)
- Mexico ACP locations (Red star)

Current Quarantine Order: **DAO 09-6**

Number of AZ ACP Finds as of: **11/5/09: 3**

Provisions of the Interior Quarantine

- ▶ Nursery stock, plants, plant parts, including green waste, and plant products capable of propagation, except seed extracted from fruit of Citrus, citrus relatives and other members of the *Rutaceae* family are declared to be hosts, and possible carriers of *Diaphorina citri*.
- ▶ All other articles which are infested or exposed to infestation by *Diaphorina citri* are covered under the quarantine
- ▶ All appliances used in the growing, harvesting, processing and hauling of the host plants and plant parts and any green waste residues are covered under the quarantine.



Exemptions from the interior quarantine

- ▶ Host fruit commercially cleaned and packed within the quarantined area may move within or from the area
- ▶ Defoliated, dormant, bare-rooted nursery stock,
- ▶ Defoliated, dormant nursery stock in containers where all leaf litter and any weeds have been removed
- ▶ Dying or dead plant material (green waste) that has been processed or processed or handled or treated in a manner approved by the director to eliminate live stages of the *D. citri* and is moved directly to a city or county sanitary landfill within the quarantine area.



Restrictions imposed by the quarantine

- ▶ Nursery stock, plants, plant parts, etc. are prohibited movement from the quarantine zone, but may move within the zone if accompanied by a certificate stating that they have been treated and are free of all life stages of *D. citri*.
- ▶ They may be moved into the quarantine area by direct route and without delay if in vehicles or containers which prevent exposure to *D. citri* while en route for delivery.
- ▶ All appliances used in the growing, harvesting, processing and hauling of the host plants and plant parts and any green waste residues may not move from the quarantine area unless cleaned or treated in a manner to eliminate all live *D. citri* to the satisfaction of the ADA.



Additional practical effects

- ▶ Shipments of fruit to Korea and Australia were suspended for several days – Now resumed.
- ▶ Nurseries in the Yuma area cannot ship outside of the quarantine zone.
- ▶ 31 new employees of the Arizona Department of Agriculture have been hired for scouting and trap reading.
- ▶ Sites treated with imidacloprid.

