



Save Your Community's Citrus

Asian Citrus Psyllid & Huanglongbing



The Issue

- The Asian citrus psyllid has been found throughout California.
- The pest can transmit a disease called Huanglongbing (HLB) that kills citrus trees and has no cure.
- Local citrus trees, the commercial citrus industry and the thousands of jobs it supports are at risk.
- It's estimated that 60% of California residences have a citrus tree on their property.



\$3.4 billion in sales



\$7 billion in
economic revenue



22,000 jobs



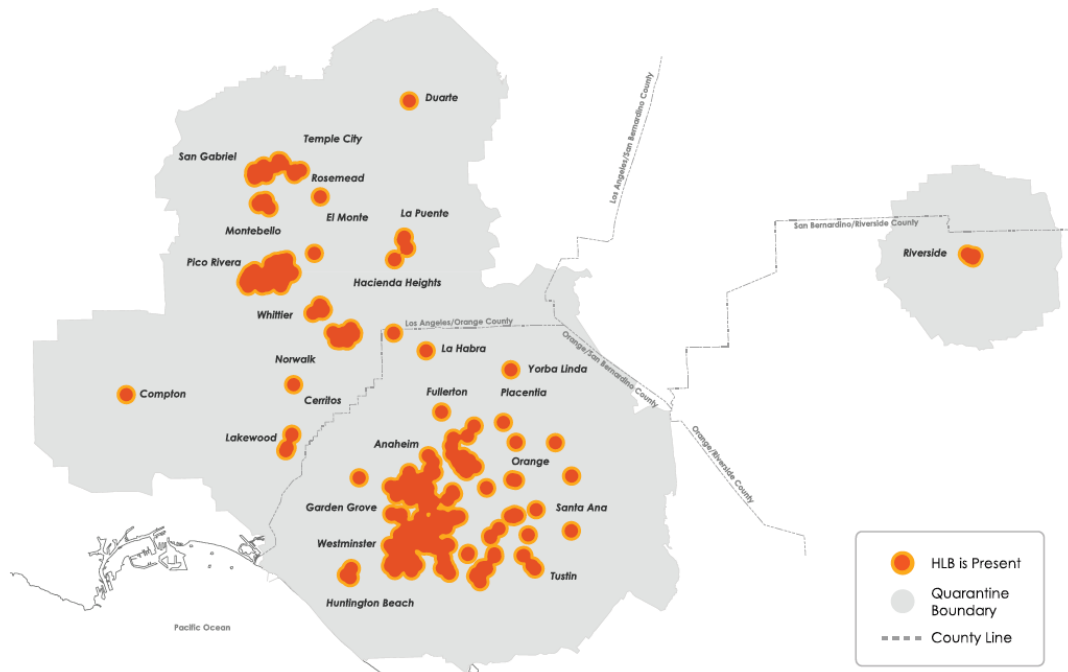
3,900 farmers



292,000 acres of
citrus production

HLB in Southern California

PRESENCE OF HUANGLONGBING IN SOUTHERN CALIFORNIA



CALIFORNIACITRUSTHREAT.ORG

- HLB has been detected in more than 1,660 trees in Los Angeles, Orange, and Riverside counties.*
- 1,016 sq. mile quarantine*

* As of November 1, 2019

The Asian Citrus Psyllid

- Tiny insect that feeds on citrus plants
- Spreads a deadly plant disease called Huanglongbing (HLB)
- The best way to prevent HLB is to protect citrus trees from the Asian citrus psyllid



Actual size is 1/8th of an inch



The Disease

Huanglongbing (HLB)

- Kills citrus trees
- No cure
- NOT harmful to humans or animals
- Can take 2-5 years to show symptoms

Symptoms

- Asymmetrical yellow leaves
- Corky veins
- Small and bitter fruit
- Premature, excessive fruit drop



Suspicious symptoms on your tree?

Contact CDFA:
(800) 491-1899

Best Practices

- Don't move citrus plant materials or fruit off of your property
- Inspect citrus trees monthly, or whenever watering or pruning trees
- Cooperate with agriculture officials conducting detection and eradication efforts
- Treat for Asian citrus psyllid or remove tree if you can't take proper care of it
- Only purchase plants from reputable, licensed, local nurseries
- Report potential HLB sightings to the CDFA hotline: **800-491-1899**

HLB Detection and Testing

- Before surveying, CDFA staff will contact homeowners to access the property.
- If HLB is suspected, samples of leaves and plant material are collected, bagged and sent to the CDFA laboratory for testing.
- If a sample is confirmed positive for HLB, the resident will be informed and CDFA staff will remove the infected tree at no cost.



Biological Control

- Reduces population of the pests by using a natural predator.
- Trained teams of entomologists are releasing a tiny wasp called *Tamarixia* throughout Southern California.
- The wasp does not harm humans or pets.
- Cooperative efforts of UC Riverside, USDA, CDFA and Citrus Research Board.
- Lowers population of Asian citrus psyllid, but not a stand alone solution.



Does your citrus tree have HLB?

Contact the California Department of Food and Agriculture hotline for a free inspection at:

(800) 491-1899

or

Contact the Orange County Agricultural Commissioner at:

(714) 955-0100

Visit our website or the California Department of Food and Agriculture website at:

CaliforniaCitrusThreat.org

or

CDFA.CA.gov/plant/acp

Save Your Community's Citrus

- [Request informational materials](#) to distribute at community events or other occasions
- Stay informed – follow us on Facebook and Twitter:
 - [Facebook.com/CaliforniaCitrusThreat](https://www.facebook.com/CaliforniaCitrusThreat)
 - [Twitter.com/CitrusThreat](https://twitter.com/CitrusThreat)
- Visit our website for pest and disease photos and information: [CaliforniaCitrusThreat.org](https://www.CaliforniaCitrusThreat.org)

Role of Agricultural Commissioner

County Agricultural Commissioner

Protects consumers, home gardeners and agricultural producers by enforcing laws and regulations, including quarantines, to prevent entry of pests and plant diseases.

Perform inspection at:

- Shipping centers
- Airports
- Nurseries
- Certified Farmers' Markets



Questions?

SAVE



CITRUS

californiacitrusthreat.org