

# CITRUS WARNING

## World-Wide Citrus Threat

A tree-killing disease called Huanglongbing (HLB) threatens citrus trees worldwide. Citrus includes lemons, limes, oranges, tangerines, kumquats, calamansi, jabin, grapefruit and other varieties of the citrus family. While this disease is not harmful to humans, it eventually kills any infected tree. HLB has been in Asia and Africa for decades. Recent outbreaks include Brazil in 2004, Florida in 2005, Texas in 2012, Guam in 2015 and California in 2017. As of this writing, HLB has not been reported in Hawaii.

### Do Not Import Un-Certified Citrus

Citrus fruit, cuttings, seeds, plants and wood have the potential to spread the HLB disease. It is illegal to move uncertified citrus plant materials across state lines. Please help control the spread of HLB so scientists have time to create a cure.



### Watch for Asian Citrus Psyllids

HLB is spread by an insect called the Asian Citrus Psyllid (ACP). ACPs are tiny brown insects that lay eggs on new leaves. The best way to identify ACPs is to look for baby nymphs that excrete white waxy tubules that resemble curly spaghetti:

### Report HLB or ACPs Immediately!

Contact your local citrus authority. They will inspect your tree and recommend control actions:

**HAWAII:** Hawaii Department of Agriculture Plant Quarantine Branch at (808) 973-9560 or CTAHR Agricultural Diagnostic Service Center at (808) 956-6706 or see [ctahr.hawaii.edu](http://ctahr.hawaii.edu).

**CALIFORNIA:** Citrus Clonal Protection Program ([ccpp.ucr.edu](http://ccpp.ucr.edu))

**TEXAS:** Citrus Budwood Certification Program ([aglifesciences.tamu.edu](http://aglifesciences.tamu.edu))

**FLORIDA:** Florida Citrus Budwood Protection Program ([freshfromflorida.com](http://freshfromflorida.com))

**AUSTRALIA:** ([auscitrus.com](http://auscitrus.com))

**BANGLADESH:** Bangladesh Agricultural Research Institution ([bari.gov.bd](http://bari.gov.bd))

**BELIZE:** Belize Citrus Growers Association ([belizecitrus.org](http://belizecitrus.org))

**FRANCE:** Conservatoire des Ressources Biologiques - CRB ([corse.inra.fr](http://corse.inra.fr))

**ITALY:** Centro di ricerca per l'agrumicoltura e le colture mediterranee - ACM ([sito.entecra.it](http://sito.entecra.it))

**SOUTH AFRICA:** Citrus Research International ([citrusres.com](http://citrusres.com))

**VIETNAM:** Southern Horticultural Research Institute - SOFRI ([sofri.org.vn](http://sofri.org.vn))