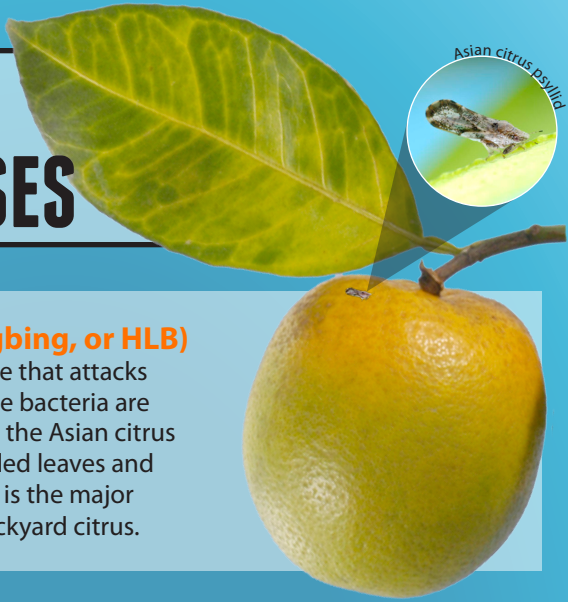


RECOGNIZING CITRUS DISEASES



Asian citrus psyllid

Citrus greening (huanglongbing, or HLB)

Citrus greening is a bacterial disease that attacks the vascular system of the plant. The bacteria are transmitted by a small insect called the Asian citrus psyllid. The disease can cause mottled leaves and misshapen, bitter fruit. This disease is the major reason for the decline in Florida backyard citrus.

Citrus black spot

Citrus black spot is a fungal disease marked by dark spots of dead tissue or blotches on the rinds of fruit. It produces early fruit drop, reduces crop yields and, if not controlled, renders the highly-blemished fruit unmarketable. The disease spreads when spores are released during a rain event and moved by the accompanying winds of the storm. It can also spread through the movement of leaf litter, infected fruit, debris, and people and equipment, if not decontaminated when moving within and between locations.



Citrus canker

Citrus canker is a bacterial disease that causes lesions on leaves, stems and fruit along with premature leaf and fruit drop and will eventually render trees unproductive. Citrus canker can spread rapidly by wind and rain, landscaping equipment, people's hands or clothing and moving infected plants or plant parts.



Fruit infected with these diseases is safe to eat, but usually does not meet quality standards to be sold in a fresh fruit market.



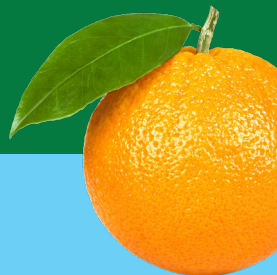
FDACS.gov
DPI Helpline: 1-888-397-1517



UNDERSTANDING THREATS TO YOUR FLORIDA CITRUS

Citrus helps make Florida a special place, and the citrus industry is a source of pride to Floridians. We can all help protect our citrus from plant diseases, if:

- NURSERIES AND RETAILERS** — watch for and report symptoms
- LANDSCAPERS AND ARBORISTS** — educate their employees to detect symptoms of disease



HOW CAN BACKYARD GARDENERS HELP?

BE VIGILANT.

If you see signs of disease or an unusual pest, contact the FDACS/DPI helpline to request an inspection.

DON'T PACK A PEST.

When traveling to and from Florida don't bring plants, fruits, vegetables, firewood or illegal animals.

PURCHASE PLANTS FROM REGISTERED NURSERIES.

Search for a registered nurseries and stock dealers at [FDACS.gov/NurseryDirectory](https://www.fhdacs.gov/NurseryDirectory).

CONSIDER PLANTING NON-CITRUS FRUIT TREES.

Plant hardy fruit trees that will grow well in your area.

KNOW CITRUS MOVEMENT RULES.

Citrus trees and their parts may not move into or out of Florida without a special permit. Backyard citrus fruit may move unrestricted within Florida, but may not move out of the state without a federal certificate.



To prevent the spread of pests and diseases, **do not move citrus fruit or trees without an inspection** by FDACS/DPI.



The **Citrus Health Response Program (CHRP)** is designed to detect and mitigate the impact of serious citrus pests and diseases by involving citrus nurseries, growers, packers, shippers, wholesalers, retailers and consumers in a collective effort.

