



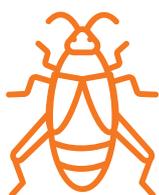
# CITRUS WATCH

## A national citrus biosecurity program

The Australian citrus industry is a large and vibrant horticultural industry, with production regions located in most states and territories.

The growing and harvesting of oranges, mandarins, lemons, limes, grapefruit and tangelos makes up an annual national crop worth over \$900 million.

In recognition of global biosecurity threats to citrus, the Australian citrus industry invests in a national program: CitrusWatch (2021 - 2026).



### A changing, global biosecurity context.

The global spread of crop pests is increasing the risk to Australian production industries. Key threats to citrus include insect pests, such as exotic citrus psyllids, the glassy-winged sharpshooter, and diseases, such as huánglóngbīng, citrus variegated chlorosis, and citrus canker.

### Program overview

CitrusWatch is a collaborative, national program aimed at protecting Australian citrus by improving industry preparedness for key exotic pest threats.

From commercial citrus production zones to high-density urban landscapes, the program links government agencies, research programs, community groups, and citrus businesses through surveillance, research, training and education.

20-40%

global crop  
production lost to  
pests each year

\$220b

annual cost of plant  
diseases to the global  
economy

\$70b

annual cost of plant  
insect pests to the  
global economy

>30K

pests interceptions at  
Australian ports of  
entry in 2021



The Asian citrus psyllid  
*Diaphorina citri*



Huánglóngbīng disease  
*Candidatus liberibacter  
asiaticus / africanus*



Citrus canker disease  
*Xanthomonas citri*

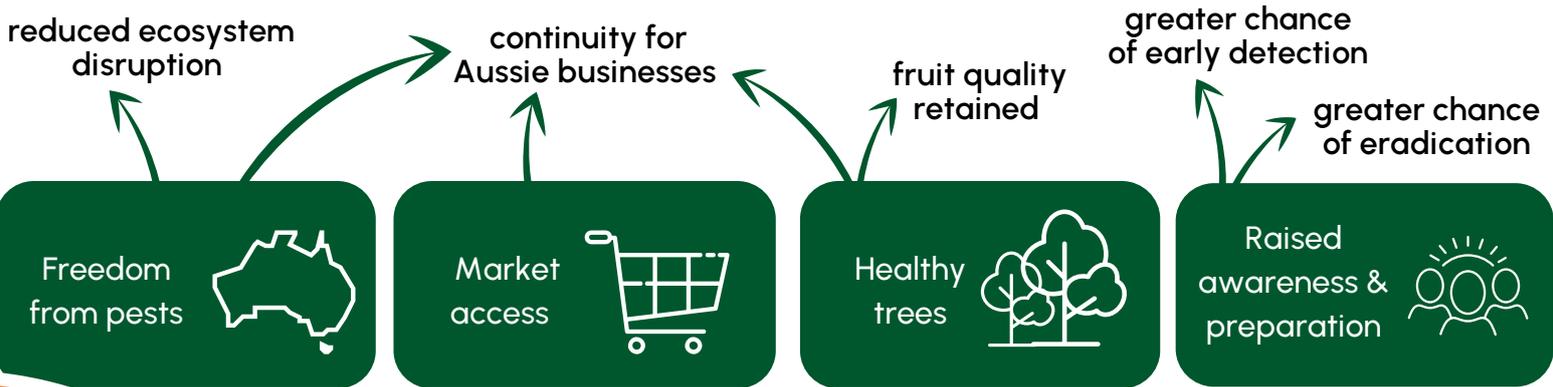


Glassy-winged sharpshooter  
*Homalodisca vitripennis*

## Program activities

The program includes activities in both commercial citrus production areas and in residential urban areas, where citrus trees are a common addition to a home garden. The program team provide access to training on the topics of biosecurity, exotic pest surveillance and pest identification for

citrus growers and the wider public, and undertake preparedness work, such as pest risk assessments and incursion planning. Central to the program is a volunteer-based, exotic citrus pest early detector network, which involves deployment of 1000 psyllid sticky traps each year across Australia.



### Surveillance

- Targeted surveys in urban areas and growing regions
- National sticky trapping
- Data capture and storage
- Investigation of trapping technologies

### Education & training

- Overseas study tours
- Identification and surveillance guidebooks
- Biosecurity workshops
- Webinars and video resources
- Online training

### Preparedness

- Pest reviews
- Pest risk analyses
- Incursion preparation
- Technology and process improvements for surveillance and control

### Learn more

Visit [citrusaustralia.com.au](http://citrusaustralia.com.au) or contact program personnel:  
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