



## Pacific Pests and Pathogens - Mini Fact Sheet Edition

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### Citrus orange spiny whitefly (244)

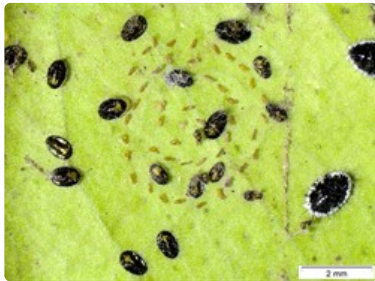


Photo 1. Spirals of eggs and larvae of orange spiny whitefly, *Aleurocanthus spiniferus*.



Photo 2. Underside of citrus leaf infested by orange spiny whitefly, *Aleurocanthus spiniferus*.



Photo 3. Pupa of the orange spiny whitefly, *Aleurocanthus spiniferus*. Note the white fringe of wax on the margin.



Photo 4. Pupae and newly hatched adults of the orange spiny whitefly, *Aleurocanthus spiniferus*.

#### Summary

- Widespread distribution. Tropical Asia, Africa, Oceania. On citrus, but also tea and roses. An important pest.
- Eggs laid in spirals on under surface; “crawlers” at first, and then flattened dark legless larvae; pupae with fringe of cottony wax.
- Damage is done by sucking sap, and blackening leaves as fungi grow on honeydew excreta.
- Natural enemies: parasitoid wasps.
- Cultural control: prune infested branches; apply nutrients to assist growth; use hot water to destroy ants (ants protect whitefly from biocontrol agents).
- Chemical control: use soap, white or horticultural oils. Use synthetic pyrethroids to kill ants.

#### Common Name

Orange spiny whitefly

#### Scientific Name

*Aleurocanthus spiniferus*

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Information from Gyeltshen J, Hodges A, Hodges GS (2010) Orange spiny whitefly. University of Florida; FDACS-Division of Plant Industry; and from CABI (2015) *Aleurocanthus spiniferus* (orange spiny whitefly) Crop Protection Compendium. (<http://www.cabi.org/cpe/>).

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This mini fact sheet is a part of the app *Pacific Pests and Pathogens*  
The mobile application is available from the Google Play Store and Apple iTunes.

