

## Pest Profile



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**Common Name:** Rose leafhopper

**Scientific Name:** *Edwardsiana rosae* (Linnaeus 1758)

**Order and Family:** Hemiptera; Cicadellidae

**Size and Appearance:**

|                             | Length (mm) | Appearance   |
|-----------------------------|-------------|--|
| <b>Egg</b>                  |             | - Laid in young stems on plants  |
| <b>Larva/Nymph</b>          |             | -Have rows of dark spots at the bases of strong setae, on the back of the thorax, and the wingpads.<br>- Spots are less distinct in the early instars but are clearly visible in the older nymphs. |
| <b>Adult</b>                | 3.5-4 mm    | - Pale yellow or whitish<br>- Only <i>Edwardsiana</i> species to occur commonly on roses<br>- Closely resemble white apple leafhoppers   |
| <b>Pupa (if applicable)</b> |             |  |

**Type of feeder (Chewing, sucking, etc.):** Sucking

**Host plant/s:** Rose, Apple, Pear, Plum, Cherry, Strawberry, Hawthorn, Oak, and Hazel.

**Description of Damage (larvae and adults):** Rose leafhopper eggs are laid in young stems, causing pimple-like swelling of the bark. Leafhoppers damage leaves by sucking on leaf tissue and removing green chloroplasts from cells, thus preventing the proper functioning of leaves. Heavily infested leaves are speckled with white markings. They also bear cast skins and tiny specks of black excrement. Leafhoppers do not feed on fruit but can contaminate it with black specks of excrement.

**References:**

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[http://www.britishbugs.org.uk/homoptera/Cicadellidae/Edwardsiana\\_rosae.html](http://www.britishbugs.org.uk/homoptera/Cicadellidae/Edwardsiana_rosae.html)

Beers, E. H., & Elsner, E. A. (n.d.). *Rose leafhopper*. Retrieved February 28, 2016, from Washington State University Tree Fruit Research & Extension Center:  
<http://jenny.tfrec.wsu.edu/opm/displayspecies.php?pn=370>

Schneider, K., Moisset, B., & Belov, V. (2013, April 9). Species *Edwardsiana rosae* - Rose Leafhopper. Retrieved October 20, 2017, from <http://bugguide.net/node/view/287043>

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