

## Pest Profile



**Photo credit:** Scott Justis, Bugguide.net

**Common Name:** Eastern grape leafhopper

**Scientific Name:** *Erythroneura comes* (Say)

**Order and Family:** Hemiptera, Cicadellidae

### Size and Appearance:

|                             | Length (mm) | Appearance   |
|-----------------------------|-------------|--|
| <b>Egg</b>                  | 0.8mm       | The eggs are crescent-shaped and are laid inside the foliage of plants; eggs are colorless; hatch in 1-2 weeks.  |
| <b>Larva/Nymph</b>          |             | When hatched, they appear semi-transparent with red eyes; they go through five instars; color changes to white with yellow patches at 5 <sup>th</sup> instar; look like adults with no wings.                                    |
| <b>Adult</b>                | 3mm         | Appear orange-yellow with a few dark spots and yellow lines observed on the wings; wedge shaped body with widest part at head tapering toward end; have large compound eyes; triangular head; wings held roof-like over abdomen. |
| <b>Pupa (if applicable)</b> |             |  |

**Type of feeder (Chewing, sucking, etc.):** Both adult and nymph have piercing sucking mouthparts.

**Host plant/s:** Grape vines, strawberries, various berry bushes, catnip, Virginia creeper, burdock, beech, and sugar maple.

**Description of Damage (larvae and adults):** Both nymphs and adults do damage to foliage by puncturing leaf cells and sucking out the content. Small populations of leafhoppers on a leaf will not show significant damage, but if an infestation occurs, then heavy damage and leaf loss will occur. Feeding results in white or yellow stippling on the leaves. Fruits and foliage can become covered in sticky honeydew, which can also attract sooty mold growth.

**References:**

Grape leafhopper. (n.d.). Michigan State University. Retrieved March 4, 2016, from [http://www.ipm.msu.edu/grape\\_insects/grape\\_leafhopper](http://www.ipm.msu.edu/grape_insects/grape_leafhopper)

Maier, B., Hubble, H., Sutherland, C. (2013, March). Managing Grape Leafhoppers on New Mexico Grape Vines. Retrieved March 4, 2016, from [http://aces.nmsu.edu/pubs/\\_h/H332.pdf](http://aces.nmsu.edu/pubs/_h/H332.pdf)

Van, K. J., Riedl, H., Taschenberg, E. F. (1984). Grape leafhopper. Cornell University. Retrieved March 4, 2016, from <https://ecommons.cornell.edu/bitstream/handle/1813/43102/grape-leafhopper-FS-NYSIPM.pdf?sequence=1&isAllowed=y>