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Woolly apple aphid - *Eriosoma lanigerum* (Hausmann)

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Woolly apple aphid (WAA) typically cluster in wounds on the trunk and branches of apple trees, as well as on root knots and underground parts of the trunk. Leaf axils on terminal shoots are preferred summer feeding sites. Injury includes gall formations that increase in size from year to year as the aphids feed. There are typically 3 to 4 generation of WAA on apple in Michigan. Subterranean WAA may be present year round and can serve as a source of aerial infestation starting in the spring.

WAA adults are about 3 mm in length. Females are reddish-brown to purple and typically enclose themselves in white cotton-like fibers. Males are half the size of females and are olive-yellow.



Additional information

- For more monitoring information and evaluation of available pesticides:
[Michigan Fruit Management Guide](#)
- [A Practical Guide to Scouting Apple Orchards](#) – a DVD showing how to scout apple orchards.
- [MSU Diagnostic Services](#) for assistance in pest identification.
- [MSU Fruit Crop Advisory Team Alert](#) newsletters for current pest/crop conditions.

This information was developed from [A Pocket Guide for IPM Scouting in Michigan Apples](#) by David Epstein, Larry J. Gut and George W. Sundin. Purchase this in a pocket-sized guide for reference in the orchard from [MSU Extension](#) (publication E-2720).

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