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About leafhoppers

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Potato leafhopper (PLH) can be differentiated from white apple leafhopper by color and by observing movement and feeding habits. PLH are more active on the leaf and can move side-ways. WALH does not move sideways. PLH nymphs run quickly to the other side of the leaf as the leaf is examined. PLH also prefer young leaves and feed near leaf edges, causing the leaf to curl downward. WALH prefer mature leaves and do not tend to feed at the leaf edge. WALH cause a whitish stippling effect on leaves and they drop a hard to remove excrement on fruit, mostly in the second generation. There are two generations of WALH, three to four of PLH. Both are present from spring through harvest.

Learn more about these leafhoppers

- [Potato leafhopper](#) - *Empoasca fabae* (Harris)
- [White apple leafhopper](#) - *Typhlocyba pomaria* (McAtee)

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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