

Pest Profile



Photo credit: Kansas Department of Agriculture, Bugwood.org

Common Name: Apple aphid

Scientific Name: *Aphis pomi*

Order and Family: Hemiptera, Aphididae

Size and Appearance:

	Length (mm)	Appearance
Egg	0.50mm	Shiny, black and oval shaped
Larva/Nymph	1.5mm	Yellow-green to dark-green coloring; oval shaped with black cornicles
Adult	3mm	Wingless form: Bright green with black cornicles and legs; oval shaped Winged form: Black head and thorax with yellow-green abdomen and clear wings.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Piercing-sucking mouth parts; feeds on plant juices

Host plant/s: Apple and Pear trees

Description of Damage (larvae and adults): Nymphs and adults feed on plant juices. This can stunt young trees but established older trees are relatively unharmed. Generally, the aesthetic appearance of the tree is affected more so than the tree itself. However, excessive honeydew from the aphids feeding can build up and cause sooty mold.

References:

Alston, D., Reding, M., & Murray, M. (2010). *Apple aphids*. Utah Pests Facts Sheet. Utah State University Cooperative Extension.

Beers, E. H., Hoyt, S. C., & Willett, M. J. (1993). *Apple aphid and Spirea aphid*. Orchard Pest Management Online. Washington State University Fruit Tree Research and Extension Center.