

Pest Profile



Photo credit: Bob Dransfield, Influentialpoints.com

Common Name: Filbert aphid; Hazel Aphid

Scientific Name: *Myzocallis coryli*

Order and Family: Hemiptera, Aphididae

Size and Appearance:

	Length (mm)	Appearance
Egg	0.48mm	Elongated oval shape, color begins yellow but turns black with age
Larva/Nymph	0.55-1.8mm	Similar coloring as the adults
Adult	1.3-2.2mm	Pale yellow to white in color.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Piercing/sucking mouthparts for feeding on plant juices.

Host plant/s: These aphids live and feed on Hazel, *Corylus spp.*

Description of Damage (larvae and adults): *Myzocallis coryli* live on the underside of hazel leaves. They feed primarily on the leaves, young buds, and developing nuts. Infestations can cause a decrease in the size and quality of the developing nuts. Damage tends to be cumulative with consecutive years experiencing higher levels of damage. As with most aphids, honeydew excretion is always an issue.

References:

Dransfield, B., & Brightwell, B. (N.D.). *Myzocallis coryli*- Hazel aphid, Filbert aphid. Influentialpoints.com. http://influentialpoints.com/Gallery/Myzocallis_coryli_Hazel_aphid.htm

El-Haidari, H. (1959). The biology of the filbert aphid, *Myzocallis coryli* (Goetze), in the central Willamette valley.

Hazelnut Aphid. Pacific Northwest Pest Management Handbooks. <https://pnwhandbooks.org/insect/nut/hazelnut/hazelnut-aphid>