

Pest Profile



Photo Credit: Jeffrey W. Lotz, Florida Department of Agriculture and Consumer Services, Bugwood.org

Common Name: Strawberry Aphid

Scientific Name: *Chaetosiphon fragaefolli*

Order and Family: Hemiptera; Aphididae

Size and Appearance:

	Adult	Egg	Nymph	Pupae (if applicable)
Length (mm)	1.3 – 1.5 mm	0.3 – 0.5 mm	0.8 – 1.1 mm	
Appearance	<ul style="list-style-type: none"> -Pale green to yellowish in color. - Adults can be winged or wingless. -Transverse abdominal striations. -Knobbed hairs cover the body. -Antennae are as long as or longer than the body. 	<ul style="list-style-type: none"> -White to yellowish in color when first laid and then turn black and shiny. -Eggs can be laid in masses or clumps. 	<ul style="list-style-type: none"> -Light green to pale yellow in color. Similar to adults. -Transverse abdominal striations. -Knobbed hairs cover the body. 	

Type of feeder (Chewing, sucking, etc.): Piercing, sucking for adults and nymphs.

Host plants: Wild strawberry and cultivated strawberries.

Description of Damage (nymphs and adults): Both nymphs and adults are sap feeders and cause damage. Damaged leaves will look curled and have yellow spots. Look for the presence of sticky honeydew on the leaves to indicate presence of the aphids. Black sooty mold can grow on the honeydew secretions on the leaves and other plant parts, which affects photosynthesis and reduces plant yield.

References:

- Bernardi, D., Garcia, M. S., Botton, M., & Nava, D. E. (2012). Biology and fertility life table of the green aphid *Chaetosiphon fragaefolli* on strawberry cultivars. *Journal of Insect Science*. 12(1), 28. Retrieved from <http://jinsectscience.oxfordjournals.org/content/jis/12/1/28.full.pdf>.
- Dransfield, D., & Brightwell, B., (n.d.) *Chaetosiphon fragaefolii*, *Strawberry aphid*. Retrieved from http://influentialpoints.com/Gallery/Chaetosiphon_fragaefolii_strawberry_aphid.htm.
- Dixon, A. F. G. (1985). Structure of aphid populations. *Annual Review of Entomology*, 30(1), 155-174. Retrieved from <http://0-www.annualreviews.org.library.unl.edu/doi/pdf/10.1146/annurev.en.30.010185.001103>.
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