Pest Profile



Photo credit: E. Beers, WSU - Tree Fruit Research & Extension Center Orchard Pest Management Online

Common Name: Brown Mite

Scientific Name: *Bryobia rubrioculus*

Order and Family: Trombidiformes: Tetranchidae

Size and Appearance:

	Length (mm)	Appearance
Egg	< 1mm	Small, round, smooth, and dark red.
Larva/Nymph	< 1mm	Larvae are red with six legs; later stages are brown with eight legs.
Adult	< 1mm	Dark reddish-brown with red eyes, flattened body, front legs are nearly twice as long as the other three pair of legs. Females have dark orange markings.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Sucking

Host plant/s: Hosts include all deciduous fruit trees and particularly almonds.

Description of Damage (larvae and adults): The adults feed on the leaves, removing chlorophyll, causing whitish gray mottling to appear on leaves. Leaf drop rarely occurs, but when foliage is badly damaged it is often smaller than normal and covered with frass.

References:

Brown mite—Bryobia rubrioculus. (2014). Agriculture and Natural Resources, University of California Retrieved from: http://www.ipm.ucdavis.edu/PMG/GARDEN/FRUIT/PESTS/avbrownmite.html.

Beers, E. (2007). *Brown Mite*. Tree Fruit Research & Extension Center Orchard Pest Management Online. Retrieved from: http://jenny.tfrec.wsu.edu/opm/displaySpecies.php?pn=293

Cranshaw, W. (2004). *Garden insects of North America: The ultimate guide to backyard bugs*. Princeton, NJ: Princeton University Press.

Williams, D & Adem, H. (2010). *The Bryobia Mite and the Pear-leaf Blister Mite*. Retrieved from: http://agriculture.vic.gov.au/agriculture/pests-diseases-and-weeds/pest-insects-and-mites/the-bryobia-mite-and-the-pear-leaf-blister-mite">http://agriculture.vic.gov.au/agriculture/pests-diseases-and-weeds/pest-insects-and-mites/the-bryobia-mite-and-the-pear-leaf-blister-mite on February 11, 2016.