

Pest Profile

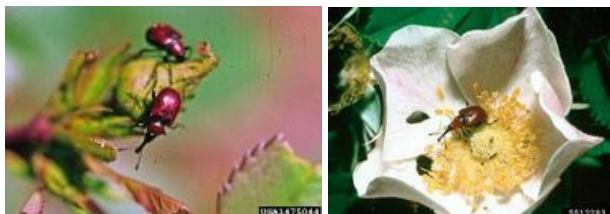


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Common Name: Rose Curculio

Scientific Name: *Merhynchites bicolor*

Order and Family: Coleoptera: Curculionidae

Size and Appearance:

	Length (mm)	Appearance
Egg	1.25mm	Pearly white in color.
Larva/Nymph	2mm - 6.5mm	Legless, small, and whitish.
Adult	5.25mm	Bright red to all black weevil with long snout.
Pupa (if applicable)	5mm – 6mm	White, becoming darker brown, eye spots, mandibles and tarsi (leg segments) visible.

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

Host plant/s: Domestic and wild rose, blackberries, raspberries, thimbleberries.

Description of Damage (larvae and adults): Both the adult and larval stages feed on plant blossoms causing distinct holes. Later stage larvae also feed on rosehips; adults may also feed on new shoots or stems, causing bud wilt and eventual death.

References:

Crenshaw, W. (2004). *Garden Insects of North America: The Ultimate Guide to Backyard Bugs*. Princeton University Press.

Hoerner, J. (1936). *Western Rose Curculio*. Colorado State College Colorado Experiment Station Fort Collins.

Villegas, B. (2002). Rose Weevils (Curculios). Retrieved from <http://www.sactorose.org/ipm/84rosecurculios.htm>