

Pest Profile



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Common Name: Khapra Beetle

Scientific Name: *Trogoderma granarium* Everts

Order and Family: Coleoptera: Dermestidae

Size and Appearance: Adults are about 2-3 mm long, with females being slightly longer. They are oval-shaped with a brown mottled coloration. They are covered in body hairs rather than having a smooth appearance. Not known to fly despite having wings. Larvae are yellowish-brown and also covered in hairs.

Size and Appearance:

	Length (mm)	Appearance
Egg	1 mm in length	Females lay 35 yellow-white eggs on grain products.
Larva/Nymph	1 mm- 5 mm long	Larva molt 15 times and are yellowish-brown in appearance with thin “tufts” of yellow hair
Adult	2-4-mm long	Dark brown with red hue and have distinct narrow “waist”
Pupa (if applicable)	4 mm long	Made of last larval skin and is found within the stored grain product.

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

Host food product/s: *Trogoderma granarium* feed on dried vegetables, oil seeds, cocoa, barley, and rice. Also known to feed on blood, fishmeal, and dairy.

Description of Damage (larvae and adults): Young larvae feed on damaged grains while the older larvae feed on whole seeds. They can completely hollow out a kernel, reducing quality of grain and making it unsellable. Adult Khapra beetles rarely feed.

References:

Smith, E.H. and Whitman, R.C. (2007). Stored Product Pests- Khapra Beetle. In *NPMA Field Guide of Structural Pests*. (9.6.2). National Pest Management Association International.

Harris, D.L. (2015). Khapra Beetle. University of Florida, Department of Entomology and Nematology. Retrieved July 18th, 2016 from http://entnemdept.ufl.edu/creatures/urban/beetles/khapra_beetle.htm