

Pest Profile



Photo credit: By Jim Kalisch, University of Nebraska

Common Name: Cowpea Weevil

Scientific Name: *Callosobruchus maculatus*

Order and Family: Coleoptera: Bruchidae

Size and Appearance: Adult weevils are roughly 3 mm in length, feature an oval shape, and a head that is not visible from above. They are generally brown in color and often have white and black markings on their elytra. A snout, a typical feature of a weevil, is quite short and the antennae are serrate (notched). Larva are 4 mm in length, c-shaped, and cream-colored.

	Length (mm)	Appearance
Egg	< 0.05 mm in length	White, round, laid in groups of 1-3 eggs on developing cowpea pod.
Larva/Nymph	0.5-4 mm in length depending on instar	4 mm long, c-shaped, no legs, setate, yellowish-white
Adult	2.5-4 mm in length	3 mm in length, oval shape, head not visible from above, brown coloration, black and white markings on elytra. Serrate antennae.
Pupa (if applicable)	4-6 mm long	Pupal cased formed from the last larval skin and takes place within the seed.

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

Host /stored food products: *Callosobruchus maculatus* consume their namesake, cowpeas, as well as soybeans.

Description of Damage (larvae and adults): The species bores into cowpeas and eat the developing endosperm reducing value, weight, and making it not fit for consumption.

References:

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