



Confused and red flour beetle
Saw toothed grain beetle
Indian meal moth
Drug store and cigarette beetle
Rice Weevil

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STORED PRODUCT PEST - Varied

Stored product pests live and feed on a variety of dried goods, which include cereals, flour, nuts, pasta, rice, oats, spices, dried fruits, dog food, and many other similar products. These insects include many species of beetles, weevils, and moths. They can be found anywhere food is stored, produced, or prepared including homes, grocery stores, and processing plants. Confused and red flour beetle, saw toothed grain beetle, Indian meal moth, drug store, cigarette beetle, and the rice weevil are some of the most common stored product pests.

Confused and red flour beetles are similar in color (reddish brown) and size (4 – 8 mm long). Their antenna distinguishes them. The red flour beetle's antenna abruptly enlarges to three clubs while the confused flour beetle antennae gradually increases in size to form four clubs.

The saw toothed grain beetle adult is about 3 mm long, slender, and dark brown in color. The thorax has six saw like projections on each side. The yellowish white larvae are 3-4 mm long when fully developed and have a brown head. It can readily penetrate tightly sealed packages.

The adult Indian meal moth adult is 8 – 10 mm in length, with a wingspan of 16 – 20 mm. The wings are bronze on the lower half and grayish white on the upper half. The adult moths are usually night fliers. Larvae are approximately 12 mm in length, have brown heads, and are creamy white in color.

Drugstore and cigarette beetles are brown to reddish brown, cylindrical in shape and 2 – 3.5 mm in length. Drugstore beetles antennae end in a three-segmented club. Cigarette beetle antennae are serrated. Cigarette beetle larvae are 3 – 4 mm long, fuzzy, c-shaped, cream colored with brown head and legs. Drugstore beetle larvae are similar but do not have a fuzzy appearance.

Rice weevil adults are 2 – 3.5 mm and dark reddish brown. These insects have a characteristic elongated snout and pitted pronotum with round, deep depressions. Their white larvae are legless and grub like in appearance.

Pre and post treatment instructions

1. Remove all food and dishes from cupboards and pantry. Remove drawers from cupboards.
2. Where possible, make baseboards in all rooms available for treatment.
3. Dry goods, including those previously listed, should be inspected for insects and discarded if contaminated.
4. Dry goods not infested should be stored in tightly sealed plastic containers.
5. When purchasing these products be sure to inspect for insects prior to purchase.
6. People and pets must remain out for at least 4-6 hours to allow adequate drying time. Ventilate treated areas before re-entry. If you are pregnant or have asthma, you should leave for at least 8 hours or overnight.
7. Following Treatment, allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff, or other items.