



Hairy caterpillar



Caterpillar feeding coffee leaves

Damage

1. Collect and kill caterpillars wherever possible
2. Collect and burn pupae from January to May
3. Install light traps in June/July to collect and kill the adults
4. Simple traps can be made using a lantern or electric light
5. Add water with a small quantity of kerosene to these traps helps to kill the trapped adults
6. Traps should be installed at various locations inside the estate and light should be switched on after sunset to maximize attraction.

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MANAGEMENT OF COCKCHAFERS AND HAIRY CATERPILLARS



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COCKCHAFERS OR WHITE GRUBS

Life history

Cockchafers are sometimes serious pests in new clearings and replanted areas. Adults are reddish brown beetles. They feed on leaves of crop plants or forest trees and are attracted to light at night. The adults emerge from March to June after the first summer shower. A single female can lay 60 to 80 eggs in the soil near the root zone. Eggs hatch in 8 to 10 days. Grub feeds on roots after hatching and the grub stage lasts for about six



Cockchafers (Root grubs) - Adult

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months and then it goes deep into the soil for pupation. The pupal period lasts for 3 to 4 months.

Damage and symptoms of attack

The grubs feed on roots of coffee plants. Grown up plants normally withstand the attack. The young plants (1 to 5 years old) attacked by white grubs show yellowing of leaves and stunted growth. Such plants will wilt and die in summer period. Attacked plants can be easily pulled out as they are left with only the tap root.

Management

1. Collect and kill the grubs encountered while taking up digging and other farm operations
2. Install light traps after the first summer showers during March-June to trap and control adults
3. If signs of attack are observed in young plants drench the soil near the root zone Bifenthrin 10 EC @ 3 ml/litre



Root grub

HAIRY CATERPILLARS

The hairy caterpillars are pests of Arabica coffee

Life history

The adult is a brownish-yellow moth with a wing span of about 6 cm. Moths emerge in June/July. Eggs are laid in clusters of 100 to 150 on the undersurface of the leaves of shade trees. Eggs are pale yellow measuring 1.25 mm in diameter. Eggs hatch in about

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