

## Mu e Kiukamipa (Cucumber moth) (033)

### Fakama'opo'opo

- 'Oku mafola fakamamani lahi 'i he feitu'u mokomoko mo mafana. Koe 'insekite maumau ni 'oku mahu'inga ki he fa'ahinga 'o e meleni, koe famili angamaheni 'o e meleni, kiukamupa, meleni, hina pea moe famili 'o e pulukaukau.
- 'Oku fakato fua fakapupunga iiki 'i he fanga ki'i muka pe koe matala. 'Oku fofoa e fanga ki'i 'unufe 'o nau kai he lau fo'ou 'o nau vilohi e lau pea fakama'u'aki 'a e fanga ki'i silika. 'Oku nau kai 'i he vaha'a la'i'akau pea moe fanga ki'l fua kei iiki.
- **Ngaahi fili fakanatulá:** fanga ki'i hone moe pi 'oku nau kainikavea, kapakau leisi, fanga fonu, moe fanga ki'i 'unufe 'o e kalasi e lango.
- **Founga malu'i angamaheni:** Toutou vakai'i 'ene maumau hange koe (vilovilo e lai' lau mo 'enau fakaveve) pea sisina 'a e 'unufe koe 'oku 'asi tautefito ki he kongka ki lalo 'a e la'i'aku mo e ngaahi la'i'akau 'oku vilovilo ke ngaue'aki e fo'i tuhu' motu'a'l tuhu.
- **Founga malu'i 'aki e kemikale:** faito'o 'oku to'o mei he 'akau: polo fifisi, kava 'aukava, famili 'o e teisi, pe niimi; faka'aonga'i 'a e Bt (*Bacillus thuringiensis*), pe spinosad, koe taimi lelei hono ngaue'aki e faito'o 'l he taimi kei iiki ai e fanga ki'i 'unufe, 'oua e ngaue'aki e kemikale 'oku ngaohi 'okapau e malava ke ta'ofi.

**Common Name:** Cucumber moth (Mu e Kiukamipa). Other common names are, melon moth (Mu e Meleni), pumpkin caterpillar (Unufe 'o e hina), cucurbit caterpillar and watermelon worm.

**Scientific Name:** *Diaphania indica*. A moth of the Crambidae.



Photo 1. Severe damage on cucumber by *Diaphania indica*. This is the damage done by the early larval stages.



Photo 2. Caterpillar of *Diaphania indica* exposed on a watermelon leaf that it has rolled.



Photo 4. Pupa of *Diaphania indica*. (This pupa has been parasitised.)



Photo 3. Caterpillar of *Diaphania indica* showing the characteristic double white lines along its back.

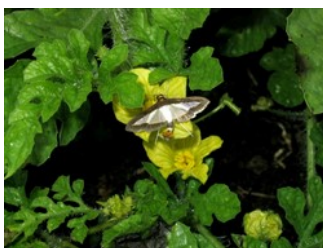


Photo 5. Adult *Diaphania indica*. Note the black border to the wings.



Photo 6. A lacewing. The larvae of this insect attack the young caterpillars of *Diaphania* (see Photo 7).



Photo 7. Larvae of green lacewing.



Photo 8. Larvae of predatory ladybird beetle.



Photo 9. Larvae of hoverflies; hoverflies are also called syrphid flies.



Photo 10. Unknown parasitoid wasp emerged from pupa shown in Photo 4.

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