

## Manumanu Meca Ni Kaveti (020)

### Kena I Vakamacala

- E kune e vuravura taucoko. E kune ena vuvale vakakaveti me vaka na kaveti olo, kaveti ni jaina, radish, cauliflower, kei na broccoli ka vaka kina na otakarisi (watercress). E okati me dua na manumanu meca bibi toka o koya.
- E dromodromo na roka ni kena yaloka (ka ra dau vuki me banuve) ka dau davu yadua. Na banuve era buli vale e loma ni draunikau ia ko ira na ka lelevu cake era dau kilai ena lamulamu se qaraqara ni veidraunikau era kania. Ke ra tarai na banuve oqo, era dau lutu sobu ka lili no ena so na virilawalawa lalai.
- **Manumanu Yaga (Natural enemies):** Na kedra meca eso na kadi lalai ka vakatokai na "wasp".
- **Tataqomaki Taumada (Cultural control):** Mo dau dikeva vakawasoma na nomu i tei, vakawabokotaka na banuve lalai se vakayagataka na i tei bacani (trap crops). Oqo eso na itei ka rawa ni bacani ira me vaka na mosita (mustard) kei na kaveti ni jaina (chinese cabbage) ia me cavuraki tani tale nai tei bacani ni bera ni diridiri na yaloka ni manumanu meca oqo.
- **Wainimate ni Tatarovi (Chemical control):** Ena i teitei lalai e rawa ni vakayagataki eso nai tei me vaka na rokete, neem, kei na duva me i sasabai. Ke teitei lelevu e rawa ni vakayagataki na vale ni bucibucini (nursery) me qai sui ena wainimate na "*Bacillus thuringiensis*" (Bt) me vakawabokotaka na banuve lalai ia me tovolei me kakua ni vakayagataki na wainimate e rawa ni vakamatea ruarua na manumanu yaga kei na manumanu meca (pyrethroids kei na organophosphates).

**Common name:** Diamond back moth

**Scientific name:** *Plutella xylostella*



Photo 1. Young caterpillars of diamondback moth, *Plutella xylostella*, eat from the underside of the leaf to the top layer of wax.



Photo 2. Holes in a cabbage leaf caused by larvae of diamondback moth, *Plutella xylostella*.



Photo 3. Holes in the leaves of cabbage seedlings caused by larvae of diamondback moth, *Plutella xylostella*.

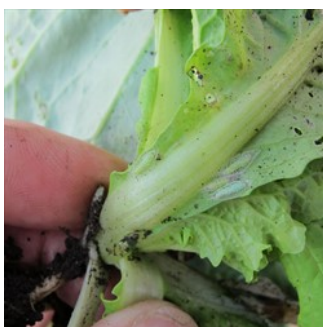


Photo 4. Pupae of diamondback moth, *Plutella xylostella*, surrounded by their net-like cocoons on the underside of a Chinese cabbage leaf.



Photo 5. Adult diamondback moth, *Plutella xylostella*, showing the characteristic wing patterns.



Photo 6. Adult diamondback moth, *Plutella xylostella*.

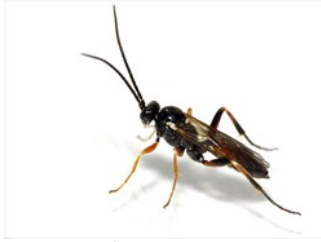


Photo 7. Adult *Cotesia vestalis*.



Photo 8. *Cotesia vestalis* inside its silken cocoon, close to the remains of a dead diamondback moth larva.



Photo 9. Adult *Diadegma semiclausum* laying egg in larva of diamondback moth, *Plutella xylostella*.



Photo 10. Pupa of diamondback moth, *Plutella xylostella*, parasitised by *Diadegma semiclausum*.

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