

Manumanu Meca Ni Bele (023)

Kena I Vakamacala

- E kune e vuravura taucoko. E vakacacana na bele, okra, senitoa kei na tomata.
- E davo yadua na kena yaloka (ka ra dau vuki me banuve), e kania na tolo ni kau gone ka vakavuna sara me malai.
- **Manumanu Yaga (Natural Enemies):** Lacewings, lady beetle, parasitoids wasps.
- **Tataqomaki Taumada (Cultural control):** teitei ena draki suasua, baleta e dau lailai kina na kedra i wiliwili : musuka na taba ni kau, ka tiko kina na vakacaca se qara. Ni oti na tatamusuki me caturaki ka vakamai.
- **Wainimate ni Tatarovi (Chemical control):** E rawa ni vakayagataki eso nai tei me vaka na rokete, neem, kei na duva me waki vata kei na sovu. E rawa talega ni vakayagataki na Bio pesticides me vaka na Bt se Spinosad, ka daumaka me suivi ni se banuve lalai; me kakua ni vakayagataki na wainimate (pyrethroids) rawa ni vakamatea ruarua na manumanu yaga kei na manumanu meca.

Common name: *Bele* shoot borer

Scientific name: *Earias vittella*



Photo 1. Caterpillar of *Earias vittella* in the stem of *bele*. Note it is brown with orange spots.



Photo 2. Stem of *bele* split open to show a caterpillar of *Earias vittella*, and the frass that it pushes out through the entrance hole.



Photo 4. Wilt of *bele* caused by *Earias vittella*.



Photo 3. Damage to okra (*Abelmoschus esculentus*) by the bele shoot borer, *Earias vittella*.



Photo 5. Wilt of *bele* caused by *Earias vittella*.



Photo 6. Hole in the stem of *bele* made by *Earias vittella* (beneath the thumb).



Photo 7. Adult beetle shoot borer, *Erias vitella*.

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