

Kataplia we i kakae top blong kabis (Bele (Abelmoschus) shoot borer) (023)

Samari

- Oli faenem olbaot long wol. Long kabis (aibika, sliperi kabis, kabis, aelan kabis, *Abelmoschus Manihot*), okra, haebiskis we oli planem olsem dekoresen mo tomato.
- Olgeta eg oli stap wan wan, taem lava (*Larvae*) i bon, hemi kakae olgeta yang stem mo mekem se plant hemi stat blong slak. Olgeta naturol enemi: *lacewings*, bitel, *parasitoid wasps*.
- **Kontrolem wetem fasin blong plan:** planem olgeta krop long taem blong ren (*wet season*) taem we olgeta populesen oli lo. Katemaot olgeta stem be mekem sua se yu katem sam sentamita daon long olgeta ples we katapila i stat blong kakae. Afta long las havest, pulumaot mo bonem olgeta plant.
- **Kontrolem wetem kemikol:** PDPs (Plant Derived Pesticides) (wetem sop): pima, deris (*derris*), paerithram (*pyrethrum*) o nim (*neem*), yusum baeopestisaed eksampol *Bt* (*Bacillus thuringiensis*) o *Spinosad*, be hemi moa gud blong spre i long lava (*Larvae*). Yusum *synthetic pyrethroids* be bambae hemi save kilim olgeta naturol enemi.

Komon nem: Bele shoot borer, spotted bollworm, spiny bollworm

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



Photo 4. Wilt of *bele* caused by *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 bele shoot borer, *Earias vittella*.

Copyright © 2023. All rights reserved.



Australian Government
Australian Centre for
International Agricultural Research



