

## Katapila we i spolem flaoa mo kakae blong bin (Bean pod borer) (037)

### Samari

- Oli faenem olbaot long wol. Long olgeta toprik. Hemi stap long bin, hemia i inkludum dwaf bin (*French bean*), pijin pis (*pigeon peas*) mo long grin bin (*yard long beans*). Hemi wan rabis bebet.
- I gat tu row blong blak dot long bak blong olgeta katapila.
- Festaem, katapila i kakae flaoa mo mekem net, afta hemi muv i go insaed long olgeta pod blong kakae olgeta sid. Faenem fras – toti we i kamaot – long ples we katapila i stat blong kakae.
- **Kontrolem tru long fasin blong plan:** no plan klosap long olgeta olfala plant, karemaot olgeta flaoa we oli gat net long olgeta, growem kon/*sorghum* bitwin olgeta row blong bin; kolektem olgeta pis toti mo distroyem; jekem AVRDC (Asian vegetable Reaseach and Development Centre now known as World vegetable centre) from olgeta toleren varaeti (hemia olgeta krop we bebet i save stap long hem be bambae i no afektem tumas)
- **Kontrolem wetem kemikol:** eim i blong kilim olgeta katapila insaed long olgeta flaoa from we hemi had blong kemikol i go insaed long olgeta pod. PDPs (Plant Derived Pesticide): nim (*neem*), deris (*derris*), paerithram (*pyrethrum*) o pima; yusum *Spinosad* o Bt (*Bacillus thuringiensis*).

Narafala wei i blong yusum *synthetic pyrethrum* be hemi save kilim olgeta naturol enemi.

**Komon nem:** *Bean pod borer*

**Saentifik nem:** *Maruca vitrata*; bifo oli singaotem *Maruca testulalis*.



Photo 1. Caterpillar of bean pod borer, *Maruca vitrata*. Note, the two rows of dark dots on its back.



Photo 2. Caterpillar of bean pod borer, *Maruca vitrata*, feeding on a cowpea bean.



Photo 3. Adult bean pod borer, *Maruca vitrata*.



Photo 4. Adult bean pod borer, *Maruca vitrata*.

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