

## Bean pod-sucking bug (018)

### Samari

- Hem spred long staka ples lo wol finis: Hem impoten insek wea save lukim lo olketa bean plants.
- Lokol Nem: Insek nilam frut blo bean
- Saentifik Nem: Riptortus species; tufala types, *Riptortus serripes* an *Riptortus linearis*
- Eggs – Insek leim egg wan bae wan antap lo lifs
  - Taem eggs hem hatch, smol insek luk olsem smol anis bae kam aot an senisi go lo black brown insek wea saes hem 16 -18mm long.
  - Smol an bik insek usim nila lo mouth fo sakim juice from fruts an kosim olketa fo tane brown, rinkel an dae.

### Lokol Kontrol:

- No plantim niu bean kolsap lo olo plants wea insek stap. Plantim Bixa (lip stick tree) saed lo gaden bean, hem olsem trap plant wea insek save kam lo hem.
- Pikim insek wetem han lo eli mone, kolektim an bonem left ova plant bihaen havest.

### Kemikol Kontrol:

- Sprei wetim lokol kemikol olsem derris, pyrethrum or chilli; synthetic pyrethroids o malathion.

**Lokol nem:** Pod-sucking bug

**Saentifik nem:** *Riptortus* species



Photo 1. *Riptortus* nymphs. Note that the nymphs are ant mimics - they have evolved to appear as ants - presumably this makes potential predators cautious about attacking them.



Photo 2. *Riptortus* adults and nymphs.



Photo 3. Adult *Riptortus* pod-sucking bug.



Photo 4. *Riptortus* adult feeding on the seeds of long bean.



Photo 5. Bean pods shrivel and die when attacked by *Riptortus*, and losses can be high.



Photo 6. Fruit of *Bixa*, the lipstick tree. Observations on Malaita, Solomon Islands, suggest that *Riptortus* is

attracted to the seeds of this shrub. If proven, it could be used as a companion plant.

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