

# Major Insect Pest On Long Bean : Aphid

BARC

PLANT PEST UNIT  
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Common Name : Aphid

Scientific Name : *Aphis craccivora* Koch

## Biology of Pest

Adult stage : This pest is polyphagous insect which can infest various types of vegetable such as beans, chili and cucurbits.

Adult stage : Black and had no wings. Able to produce as many as five to six nymph per day.

NymphStage : Greenish grey and moult four times before reaching the adult stage.



## Symptom

The adult and nymph cause damage by sucking the plant sap. The affected plant with its leaves and fruits will wilt and die. Honey sap secreted by the pest act as a medium for the fungi. Affected fruits become sooty and can prevent normal process of photosynthesis. The affected growing area can become source of virus vectors.

## Control

Avoid planting the same crop at the same area continuously. Spray with recommended insecticides at the early stages of infestation especially at the nursery.

## Recommended Insecticides

TYPE OF INSECTICIDES	SPRAYING INTERVAL/POST HARVEST INTERVAL	RATE PER LITRE OF WATER
Dipterex 95% SP	7-10 days / 7 days	2 - 3 ml
Sevin 85% WP	7 days / 10 days	5.5 - 7.0 ml
White Oil 72 EC	7 days / 7 days	15.0 ml