INSECT PESTS OF JUTE AND THEIR MANAGEMENT
JUTE SEMILOOPER
Anomis sabulifera
Noctuidae: Lepidoptera

APPEARANCE
✓ Moth is a medium sized, brownish in colour with dark spots and many lines on forewings
✓ Caterpillar is slender, green with dark green stripes and black spots on the body

LIFE HISTORY
• About 150-200 eggs are laid singly on the lower surface of leaf.
• Egg hatches in 2-3 days.
• Pupation takes place in the soil in rough cocoons, Some times on leaves, suspended by means of curved hooks of pupa
SYMPTOMS OF DAMAGE

• In the beginning caterpillar feeds on leaves, as they grow they attack apical buds and top shoots.

MANAGEMENT

• Larval parasite *Tricholiga sorbilans* suppresses the pest naturally.
• Foliar spary with carbaryl 3 g/l or monocrotophos 1.6 ml/l
JUTE STEM WEEVIL

Apion corchori
Curculionidae: Coleoptera

APPEARANCE
✓ Adult is a small dull black weevil with a long curved snout
✓ Grub is light yellowish in colour with brown head and measures 3 mm in length when full grown.

LIFE HISTORY
• Eggs are laid singly on the stem near the base of the petiole and on seed pods.
• Eggs hatch in 3-5 days into grubs.
• Larval period lasts for 8-18 days.
• Pupation takes place in a pupal chamber and lasts for 4 days.
SYMPTOMS OF DAMAGE
• Grubs feed inside the bark and damage the fiber. As a result of injury knots are formed on the stem and branching takes place.

MANAGEMENT
• Destruction of infested plants.
• Dusting methyl parathion 10 – 12 kg/ac as foliar spray @ 2 ml/l
JUTE STEM GIRDLER

*Nupserha bicolor*

Cerambycidae: Coleoptera

- Adult female girdles stem at two levels as a pre ovipositional operation results the stem withering, drooping and finally dying above the level of the lower girdle.
- Dusting methyl parathion 2D 10 – 12 kg/ac keeps the pest under control.
BIHAR HAIRY CATERPILLAR (Jute)

Spilosoma (Diacrisia) obliqua
Arctiidae: Lepidoptera

• It is a polyphagous pest. Feeds on the tender portion of jute plants and defoliates.
• Management for jute semi looper is also recommended against this.