

Lecture No. 22 & 23

PESTS OF GREEN MANURE CROPS AND FORAGE CROPS

SESBANIA

BORERS

1. Sesbania stem borer, *Azygophleps scalaris*, Cossidae, Lepidoptera

Symptom of damage: Drying of sesbania plants.

Nature of damage: Stoutly built larva bores into the stem and feeds, the faecal matter getting accumulated at the entrance hole.

Egg: Laid in masses attached to the leaflets.

Larva: Robust larva of 7 cm length, light brown with a reddish brown head.

Pupa: Pupa has spines anteriorly with the help of which it moves up and down inside the tunnel in the stem.

Adult: Sluggish yellowish brown moth.

2. Stem weevil, *Alcidodes bubo*, Curculionidae, Coleoptera

Symptom of damage: Drying of the terminal branches or whole plant, lodging of the plants during monsoon seasons; affected stem with numerous bore holes and swelling symptoms. Presence of apodous grub inside the stem.

Nature of damage: Grubs riddle into stem and cause thickenings on stem. The growth and vigour of the plants are impaired to a great extent.

Egg: Laid on the stem.

Grub: Apodous whitish grub.

Adult: Reddish brown weevil with white transverse markings on the elytra.

LEAF FEEDERS

3. Green semilooper, *Pericyma glaucinans*, Noctuidae, Lepidoptera

Symptom of damage: Defoliation of plants preceding with leaflets damage.

Nature of damage: Caterpillar feeds on the leaflets remaining along the ribs of leaves.

Larva: Pale green, semilooper with broad yellow lateral stripes.

Adult: Dark brown with black lines

4. Green looper, *Semiothisa perovulgata*, *Semiothisa emersaria*, Geometridae, Lepidoptera

Symptom of damage: Defoliation of plants preceding with leaflets damage.

Nature of damage: Larvae feed on the leaves.

Egg: Oval greenish eggs laid singly on leaves.

Larva: Pale green looper with white lines and when full grown becomes pink with horizontal bands of violet patches dorsally on the abdominal segments.

Pupa: Pupates in the soil.

Adult: White colour with three dark lines and spots on the wings.

5. Brown looper, *Hyposidra succesaria*, Geometridae, Lepidoptera

Symptom of damage: Defoliation of plants preceding with leaflets damage.

Nature of damage: Larvae feed on the leaves.

Egg: Deposited in clusters.

Larva: Reddish brown in colour with spots.