

## PEST OF VEGETABLE

### (a) OKRA - *Hibiscus esculentus* (*Abelmoschus esculentum*)

Insect pest of okra are:

- ***Podagrica* spp- Flea Beetles** - Larva feed on the roots and the beetles eat numerous small holes in the leaves causing defoliation.
- ***Cyagrus calcaratus* – Leaf Beetles** – Larva feed on the roots and the beetles eat numerous small holes in the leaves causing defoliation.
- ***Earias biplaga* – Spiny Bud Worms** – Larvae bore into buds destroying them and reducing fruit set.

Other insect pest of Okra are:

- ***Empoasca fasciallis* – Cotton Jassids**
- ***Aphis gossypii* – Cotton Aphids**
- ***Bemisia tabaci***
- ***Dysdercus superstitionis* – Cotton Stainer**
- ***Sylepta derogata* - Cotton Leaf Roller**
- ***Pectinophora gossypiella* – Pink Bollworms**
- ***Anoplocnemis curvipes* – Pod Sucking Bug.**

### (b) GARDEN EGG - *Solanum melongena*

(i) ***Nezara viridula* – Green Shield Bug** – the bugs feed on the developing flowers, fruits, stem and foliage.

(ii) ***Pachnoda* spp - Flower beetles** – Adults feed on leaves, flowers and fruits

(iii) ***Spodoptera littoralis* – Leaf Worms** Larvae or caterpillar feed on foliage and may bore into fruits.

(iv) ***Podagrica* spp – Flea beetles.** Larvae feed on plant roots and beetles eat numerous small holes in the leaves.

(v) ***Sylepta derogata* – Leaf roller-** larvae or caterpillars feed on and roll leaves.

© **TOMATOES** – *Lycopersicon esculentum*

(i) ***Dysdercus superstitionis* - Cotton stainer** – These piercing and sucking insect feed on plant stems and flower reducing plant vigour.

(ii) ***Bemisia tabaci* – white flies** – Nymphs and adults feed on the underside of leaves. Adults transmit virus disease.

(iii) ***Heliothis zea* – Bud worms** – Larvae bore into buds and fruits enhancing the entry of rot organism.

(iv) ***Ophideres fullonia* – Fruit piercing moths** – Adults pierces fruits during the raining season. This allows entry of rot organism and fruits are destroyed. Other insect pest of tomatoes are:

- ***Nezara viridula* – Green Shied Bug**
- ***Spodoptera littoralis* – Leaf worm**
- ***S. derogata* – Leaf roller**
- ***Nesidiocoris tenhis* - Mirids.**