**INSECT PEST OF CASHEW- *Anacardium occidentale***

**(a) Mirids** - ***Helopeltis* spp** - The feeding injury of these piercing and sucking insects cause leaves to become spotted and curl downward. Fruits become spotted and do not develop properly.

**(b) Red-banded Thrips** - ***Selenothrips rubrocinctus* (Giard)** – Cause leaves drying and discolouration.

**© Fruit piercing moths -*Achaea lienardi* (Boisd)** **-** Moth puncture ripening fruits enhancing the entry of rot organism causing fruit drop.

**(d) Flower beetle - *Pachnoda* spp.** Beetles feed on buds, blossoms, leaves and fruits. A large robust beetle is about 23cm long. Their larva is a white grub. Eggs are laid in the soil and larvae or grubs feed on decaying vegetable matter and plant roots.

**J. INSECT OF KOLA - COLA SPP.**

(i) **Brown Cocoa Mirids - *Sahlbergella singularis* (Hagl) -** The piercing and sucking feeding injury of this insect causes yellow and die back of new growth and distort pod growth.

(ii) **Cocoa mosquitoes *- Helopeltis bergrothi* (Reut)** - Their piercing and sucking feeding injury cause yellowing and die black of new growth.

(iii) **Green Shield Bugs - *Nezara viridula* (L)** - They feed on the developing new growth causing yellowing and witting of plant parts.

**(iv) Red-Banded Thrips *- Selenothrips rubrocinctus* (Giard) -** Their feeding injury cause leaves to wilt and drop.

**(v)Mealy bugs** - ***Planococcoides njalensis* (Laing).** The piercing and sucking injury of large colonies of mealy bugs causes yellowing of plants and reduce yield.

**(vi)** **Kola Pod Borers - *Bolanogastris kolae* (Desbr) and *Sophrorhinus insperatus***(Faust). Female weevils insert their eggs singly in the pods causing them to crack. They are field to store insect pest

**(vii) Kola Stem Borer - *Phosphorus virescens* (Olivier) and *P. gabonator* (Thomson)**

Adults are long horn beetle, 20-35mm long. Eggs are deposited in shoot. The beetles are found on leaves, shoots chupon and young branches.

**(viii) Defoliator – *Anaphe venata*** **(Btlr).** Moths are large with a wing spread of 55- 65 mm. Eggs are deposited on leaves of the host plant and hatch in about 1 month. Pupation takes place in large communal cocoons about mid-August. Other insect pest of kola are:

 ***Oecophylla*** spp,

 **Tailor ants**

 ***Zonocerus variegatus*** **(Variegated Locust)**

 **Termites**

 ***Characoma stictograpta*. (Pod Husk Miner)**

 ***Anomis leona*** **- Defoliators e.t.c.**