

PESTS OF FRUIT CROPS



Pests of Mango
Pests of Sapota
Pests of Banana
Pests of Guava
Pests of Papaya

Pests of Citrus
Pests of Grapes
Pests of Wood Apple
Pests of Pomegranate
Pests of Pine apple
Pests of Aonla
Pests of Apple
Pests of Plum
Pests of Pear
Pests of Peach

Pests of Mango



Mango stem borer: *Batocera rufomaculata*



Bark borer: *Indarbela tetraonis*





Mango hoppers: *Idioscopus niveoparsus*



Mango Inflorescence midge



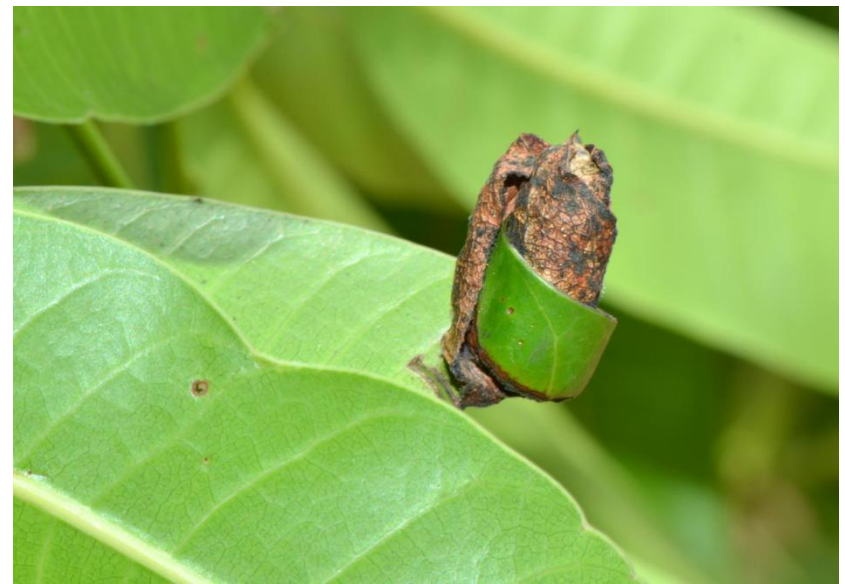
Aphid: *Toxoptera odinae*



Flower webber: *Eublemma versicolor*



Leaf twisting weevil: *Apoderus tranquebaricus*



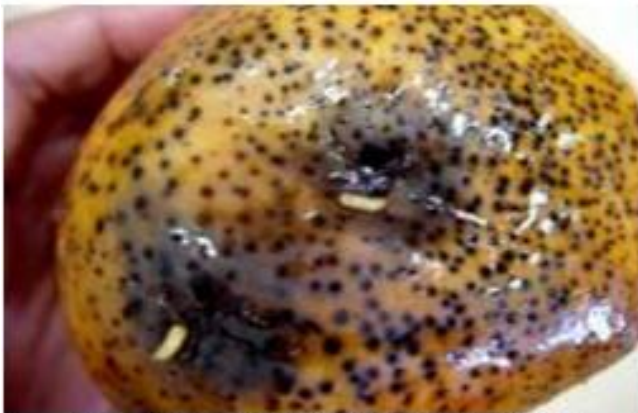
Loopers: *Thalassodes quadraria*



Bud mite: *Aceria mangiferae*



Fruit fly: *Bactrocera (Dacus) dorsalis*



Maggots of fruit fly dropping out of mango fruit



Mango fruit fly



Maggot



Adult

Mango nut weevil: *Sternochaetus mangiferae*



Symptom



Grub on mango



Grub



Adult on Mango

Shoot webber: *Orthaga exvinacea*



Tip dry



Inflorescence entangled



Nest of dried leaves

Hairy caterpillars: *Euproctis fraterna*



Scales



Gaint mealybug: *Drosicha mangiferae*



Red ant: *Oecophylla smaradina*



Pests of Sapota



Bud worm: *Anarsia epotias*



Stem borer: *Plocaederus ferrugineus*



Leaf webber or Chichoo moth: *Nephotyxa eugraphella*



Hairy caterpillar: *Metanastria hytaca*



Striped mealy bug: *Ferrisia virgata*



Green Scale: *Coccus viridis*



Pests of Guava



**Fruit Borers: *Congethes (=Dichocrocis)*
*punctiferalis***



Fruit borers: *Deudorix (Virachola) isocrates*



Fruit borer: *Rapala varuna*



Guava fruit fly: *Bactrocera diversus*



Bark eating caterpillars: Indarbella sp



Tea mosquito bug: *Helopeltis antonii*



Tailed mealy bug: *Ferrisa virgata*



Spiraling whitefly: *Aleurodicus dispersus*



Rhizome weevil: *Cosmopolites sordidus*



Larva



Pupa



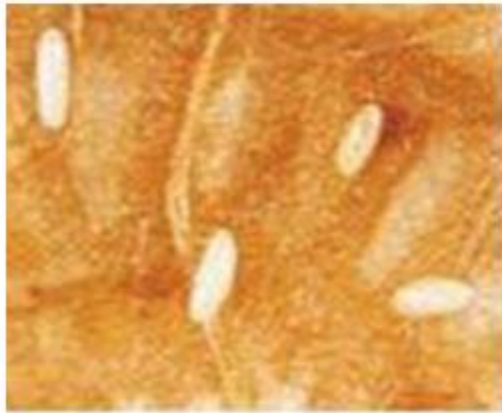
Adult



Pests of Banana



Pseudostem borer: *Odoiporus longicollis*



Egg



Larva



Pupa



Adult



Banana aphid: *Pentalonia nigronervosa* f. *typica*



Nymph



Adult

Tingid or Lace wing bug: *Stephanitis typicus*



Yellowish spots on leaves



Adult



Leaf Spot

Hard scale: *Aspidiotus destructor*

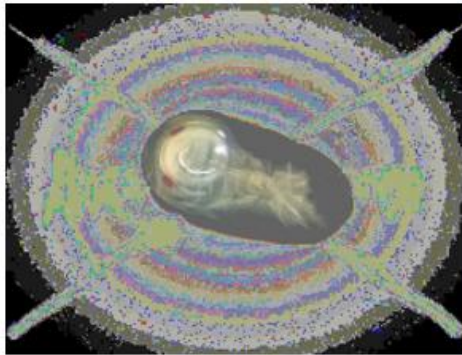


Banana scale



Adult and crawlers

Fruit rust thrips: *Chaetanaphothrips signipennis*



Egg



Larva



Pupa



Thrips



Red rusty streaks on fruit skin



Fruit cracking



Yellowing of leaves

Castor hairy caterpillar: *Pericallia ricini*



Pericallia ricini

Cut worm: *Spodoptera litura*



Scrabbing of larvae



Larva



Adult

Pests of Papaya



White fly: *Bemisia tabaci*



Ash weevils: *Myloccerus* spp



Green peach aphid: *Myzus persicae*



Pests of Citrus



Black aphid: *Toxoptera aurantii*
Brown aphid: *Toxoptera citricida*



Crinkling of leaves



Adult wingless forms (apterae)



Adult winged forms (alatae)

Citrus Black fly: *Aleurocanthus woglumi*



Black flies on leaf



Close-up of Black flies



Black fly on leaves

Citrus psyllid: *Diaphorina citri*



**Psyllid infested
plants**



**Sooty mould on
leaves**



Egg



Nymphs



Adult

Fruit sucking moth: *Otheris materna*, *O. ancilla*, *O. fullonica*





Female



Male



Affected fruit

Cottony cushion scale: *Icerya purchasi*



Cottony cushion scale

Citrus leaf miner: *Phyllocnistis citrella*



Serpentine larva



Crinkled leaves

Citrus butterfly: *Papilio demolious*, *P. Polytes*, *P.helenus*



Defoliation



Larva feeding



First instar



Second instar



Third instar



Fourth instar with osmotoria



Adult

Pests of Grapes



Sthenias grisator



Cane girdler injury



Adult

Grape vein beetle: *Sinoxylon anale*



Flea beetle: *Scelodonta strigicollis*



Shot holes



Larva



Adult

Leaf roller: *Sylepta lunalis*



Skeletonization



Scrabbing of leaves



Sphingid: *Hippotion celerio*



Larva



Pupa and adult

Berry plume moth: *Oxyptilus regulus*



Larva attack grape bunch



Affected berries (stung berries)



Adult

Pests of Wood Apple



Anar butterfly: *Deudorix (Virachola) isocrates*



Adult

Pests of Pomegranate



Fruit borer: *Conogethes punctiferalis*



Adult

Pests of Pine apple



Rhinoceros beetle: *Oryctes rhinoceros*



Grubs



Adult

Pests of Aonla



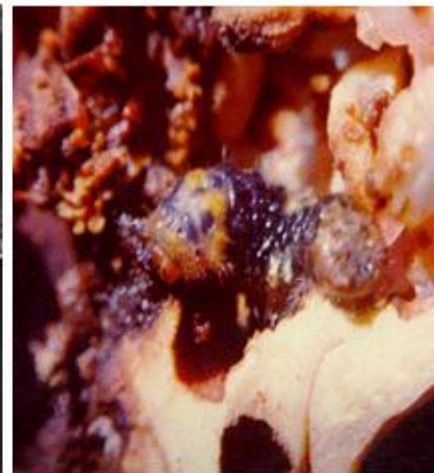
Leaf roller: *Caloptilia (=Gracillaria) acidula*



Fruit Borer: *Deudorix isocrates*



Bore holes



Feeding injury



Egg laid on the stem and fruits



Pupae

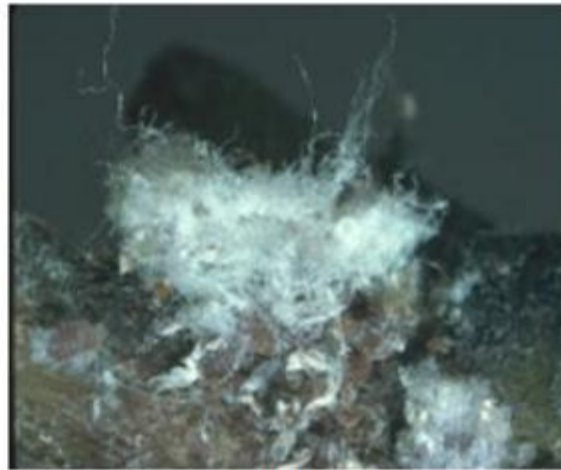
Pests of Apple



Woolly aphid: *Eriosoma lanigerum*



Wolly aphids on twig



Cottony mat

San Jose scale: *Quadraspidiotus perniciosus*



San Jose scale on apple



Red colour
discoloration



Adult - San jose scale

Codling moth: *Cydia (=Carpocapsa) pomonella*



Codling moth damage to apple



Codling moth feeding site



Larva



Adult

Cottony cushion scale: *Icerya purchasi*



Cottony cushion scale on stem

Stem borer: *Apriona cinera*



Pests of Plum



Plum weevil: *Amblyrrhinus oricollis*



Plum weevil - larva



Plum weevil - Adult

Plum beetle: *Anomala lineatipennis*



San jose scale: *Quadraspidiotus perniciosus*



Purple discolouration - fruits



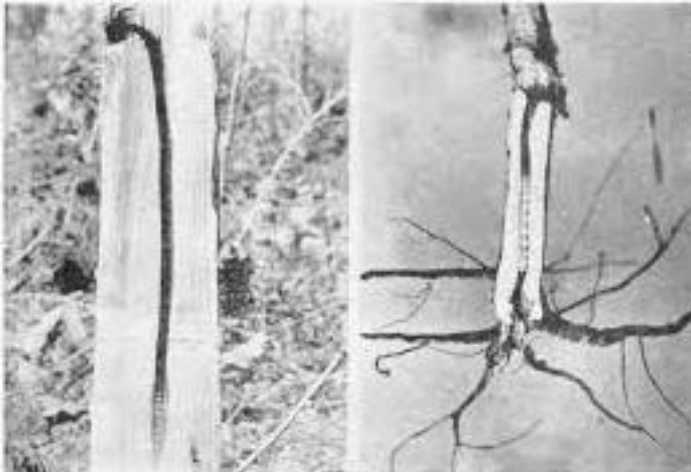
Purple discolouration - stems



Pests of Pear



Stem borer: *Sahydrassus* (=Phassus) malabaricus



Hairy caterpillar: *Euproctis fraterna*



Pests of Peach



Peach leaf curl aphid: *Brachycaudus helichrysi*



Adult

Green peach aphid: *Myzus persicae*



Plum pox virus



Nymphs



Adults

Peach twig borer: *Anarsia lineatella*



Damaged fruit



Larva



Adult

Thank you