LIST OF INSECT AND MITE PESTS OF COTTON IN INDIA

Name of the pest	Species	Order	Family
Cotton Seedlings			
Large brown cricket	*Brachytrypes portentosus Licht.*	Ortho:	Gryllidae
Cricket tid	*Gryllus viator Kirby*	Ortho:	Gryllidae
Black-headed cricket tid	*Gryllulus domesticus Linn.*	Ortho:	Gryllidae
Surface grasshopper or	*Chrotogonus sp.*	Ortho:	Acridiidae
Dusky groundhopper	*Chrotogonus saussurei Boll.*	Ortho:	Acridiidae
	C. brachypterus (Blanch.)	Ortho:	Acridiidae
	C. oxypterus (Blench.)	Ortho:	Acridiidae
Surface grasshopper	*Ailopus tamulus Fb.*	Ortho:	Acridiidae
Surface grasshopper or Tobacco grasshopper	*Atractomorpha cremulata F.*	Ortho:	Acridiidae
Desert locusts	*Shistocerca gregaria Fst.*	Ortho:	Acridiidae
Dark brown weevil	*Atactogaster finitimus Fst.*	Coleo:	Curculionidae
Grey weevil	*Myllocerus blandus Fst.*	Coleo:	Curculionidae
Greasy surface caterpillar or Cutworm	*Agrotis flammatra Schiff.*	Lepido:	Noctuidae
Leaf worm	*Prodenia litura F. (littoralis Boisd.)*	Lepido:	Noctuidae
Cutworm	*Euxoa segetum Schiff.*	Lepido:	Noctuidae
	E. spinifera Kb.	Lepido:	Noctuidae
Lesser leaf worm	*Laphygma exigua kb.*	Lepido:	Noctuidae
Red hiary caterpillar	*Amsacta moorei Butler*	Lepido:	Arctiidae
	Cerococcus hibisci Green	Hemip:	Coccidae
Leaves			
(i) Bitting			
Leaf ant	*Solenopsis geminata Fb.*	Hymeno:	Formicidae
Leaf roller	*Sylepta derogata Fb.*	Lepido:	Pyralidae
	Phycita infusella Meyr.	Lepido:	Pyralidae
Green semilooper	*Anomis flava Fb. (Cosmophila indica Gn.)*	Lepido:	Noctuidae
Semilooper	*A. fulvida Guen.*	Lepido:	Noctuidae
	Acontia graellsi Fstsh.	Lepido:	Noctuidae
	A. intersepta Guen.	Lepido:	Noctuidae
	A. malvae Esper	Lepido:	Noctuidae
Cotton semilooper	*Tarache notabilis Wlk.*	Lepido:	Noctuidae
Semilooper	*T. nitidula Fb.*	Lepido:	Noctuidae
	T. opalinoides Guen.	Lepido:	Noctuidae
	T. marmoralis Feb.	Lepido:	Noctuidae
	T. basifera Wlk.	Lepido:	Noctuidae
	Spodoptera pecten Gn.	Lepido:	Noctuidae
Leaf worm	*Prodenia Litura Fb.*	Lepido:	Noctuidae
	Laphygma exigua Hb.	Lepido:	Noctuidae
	Mocis (Pelamia) undata Fb.	Lepido:	Noctuidae
Bihar hairy caterpillar	*Diacrisia obliqua Wlk.*	Lepido:	Arctiidae
	Amsacta albistriga Wlk.	Lepido:	Arctiidae
	A. moorei Swinh.	Lepido:	Arctiidae
Black hairy caterpillar	*Aloa (Esigme) lactinea Gram.*	Lepido:	Arctiidae
	Pericallia ricini F.	Lepido:	Arctiidae
Hairy caterpillar	*Euproctis fraterna Moore*	Lepido:	Lymantriidae

	E. lunata Wlk.	Lepido:	Lymantriidae
	E. varians Wlk.	Lepido:	Lymantriidae
	Porthesia xanthorrhoea Koll.	Lepido:	Lymantriidae
	Nygmia fraterna Moore	Lepido:	Lymantriidae
	N. varians Wlk.	Lepido:	Lymantriidae
	N. xanthorrhoea Koll.	Lepido:	Lymantriidae
Leaf miner	*Lithocolletis triarcha Meyr.*	Lepido:	Oracilariidae
Leaf perforator	*Bucculatrix loxophila Meyr.*	Lepido:	Lyonectide
White weevil	*Myllocerus maculosus Desbr. (undecimpustulatus Fst., var. maculosus Desbr.)*	Coleo:	Curculionidae
Weevil	*M. discolor var. variegata Boheman.*	Coleo:	Curculionidae
	M. laetivirens Mshl.	Coleo:	Curculionidae
	M. transmarinus Hbst.	Coleo:	Curculionidae
	M. sabulosus Mshll.	Coleo:	Curculionidae
Black weevil	*Tanymecus indicus Fst.*	Coleo:	Curculionidae
	T. princeps Fst.	Coleo:	Curculionidae
	T. hispidus Mshll.	Coleo:	Curculionidae
	T.sciurus Dliv.	Coleo:	Curculionidae
	Lepropus lateralis fb.	Coleo:	Curculionidae
Green weevil	*Astycus lateralis Fb.*	Coleo:	Curculionidae
Desert locust	*Schistocera gregaria Forsk.*	Ortho:	Acridiidae
	Acrida exallata Wlk.	Ortho:	Acridiidae
	Catantops annexus Bol.	Ortho:	Acridiidae
Large brown cricket	*Brachytrypes potentosus Licht.*	Ortho:	Gryllidae
	Gryllulus domesticus L.	Ortho:	Gryllidae
	G. viator Kby.	Ortho:	Gryllidae
	Poecilocerus pictus F.	Ortho:	Acrididae
	Oxya velox F.	Ortho:	Acrididae
	Chrotogonus saussurei Bol.	Ortho:	Acrididae
	Cyrtacanthracis ranacea Stoll. (tatarica L.)	Ortho:	Acrididae
	C. rosea Deg.	Ortho:	Acrididae
	Acrida exaltata Wlk.	Ortho:	Acrididae
	Colasposoma auripenne Motsch.	Coleo:	Eumolpidae
(ii) Sucking			
Cotton Aphis	*Aphis gossypii Glover*	Hemip:	Aphididae
Cotton white-fly	*Bemisia tabaci Gen. (gossypiperda M. & L.)*	Hemip:	Aleurodidae
Jassid or Leaf hopper	*Empoasca devastans Dist.*	Hemip:	Jassidae
	E. formosana Paoli	Hemip:	Jassidae
	E. punjabenis Pruthi	Hemip:	Jassidae
	E. kerri var. motti Pruthi	Hemip:	Jassidae
	E. minor Pruthi	Hemip:	Jassidae
	E. notata Mell.	Hemip:	Jassidae
	Empoasca melongena Pruthi	Hemip:	Jassidae
	E. gossypii Banks	Hemip:	Jassidae
	Ricania fenestrata Fab.	Hemip:	Fulgoridae
	Eurybrachys tomentosa Fb.	Hemip:	Fulgoridae
	Otinotus oneratus Walk.	Homop:	Membracidae
Mealy bug	*Ferrisiana virgata (Gkll.)*	Hemip:	Coccidae
	P. corymbatus Green	Hemip:	Coccidae

	Phenacoccus hirsutus Green	Hemip:	Coccidae
	P. iceryoides Green	Hemip:	Coccidae
Neem (Melia) scale	*Pulvinaria maxima Green*	Hemip:	Coccidae
Black scale or black bug	*Saissetia nigra Nietn.*	Hemip:	Coccidae
Yellow scale of cotton	*Cerococcus hibisci Green*	Hemip:	Coccidae
Cotton scale	*Chionaspis sp.*	Hemip:	Coccidae
Tube-making cercopid	*Machaerota planitiae Dist.*	Hemip:	Cercopidae
Capsid bug	*Ragmus importuniatus D.*	Hemip:	Capsidae
Thrip	*Scirtothrips dorsalis Hd.*	Hemip:	Thysanoptera
	Thrips tabaci L.	Hemip:	Thysanoptera
Mites	*Eriopheys gossypii Banks*	Acari	
	E. telarius L.	Acari	
	Hemitarsonemus laetus Banks	Acari	
	Tetranychus bioculatus Wood-Mason	Acari	
Stems and Branches			
Large brown cricket	*Brachytrypes portentosus Licht.*	Ortho:	Gryllidae
Stem borer	*Sphenoptera gossypii Cotes*	Coleo:	Burprestidae
	Sinoxylon sudanicum Lesne	Coleo:	Burprestidae
Stem weevil	*Pempheres affinis Fst.*	Coleo:	Circulionidae
	Episomus lacerta F.	Coleo:	Circulionidae
	Alcides affaber Auriv.	Coleo:	Circulionidae
	A. leopardus Oliv.	Coleo:	Circulionidae
	A. fabrici Fb.	Coleo:	Circulionidae
	Alcidodes (Alcides) mysticus Faust.	Coleo:	Circulionidae
Red coffee borer	*Zeuzera coffeae Nietn.*	Lepido:	Cassidae
	Acrocercops zygonoma Meyr.	Lepido:	Tineidae
	Phycita infusella Meyr.	Lepido:	Pyralidae
Black scale	*Saissetia nigra Nietn.*	Hemip:	Coccidae
Yellow scale of cotton	*Cerococcus hibisci Green*	Hemip:	Coccidae
	Eurybrachys tomentosa F.	Hemip:	Fulgoridae
	Machaerota ensifera Burn.	Hemip:	Cercopidae
	Otinotus oneratus Walk.	Homop:	Membracidae
Buds and Shoots			
Bud moth	*Phycita infusella Meyr.*	Lepido:	Pyralidae
Spotted bollworm	*Earias fabia Stoll.*	Lepido:	Noctuidae
Spotted or spiny bollworm	*E. insulana Boisd.*	Lepido:	Pyralidae
Pink bollworm	*Platyedra gossypiella Saund.*	Lepido:	Gelechiidae
	Nezara viridula L., and var.	Hemip:	Pentatomidae
	Ricania fenestrata Fab.	Hemip:	Fulgoridae
Floral Buds (Squares) and Flowers			
Floral bud maggot	*Dasyeura (contarinia) gossypii Felt.*	Diptera:	Cecidomyiidae
Spotted bollworm	*Earias fabia Stoll.*	Lepido:	Noctuidae
Spotted or spiny bollworm	*E. insulana Boisd.*	Lepido:	Noctuidae
Gram caterpillar or American bollworm	*Heliothis (Chloridea) armigera Hubner*	Lepido:	Noctuidae
Pink bollworm	*Platyedra gossypiella Saund.*	Lepido:	Gelechiidae
Blister beetle	*Zonabris pustulata Thnb.*	Coleo:	Meloidae
Thrip	*Anaphothrips oligochaetus Karny*	Coleo:	Thysanoptera
White ants	*Microtermes obsi Holmgren*	Isop:	Termitidae

	Odontotermes (Terms) obsus (Ramb.)	Isop:	Termitidae
Green Bolls			
(i) Bitting			
Pink bollworm	*Platyedra gossypiella Saund.*	Lepido:	Gelechiidae
	Dichocrocis punctiferalis Gn.	Lepido:	Pyralidae
Spotted or spiny bollworm	*E. insulana Boisd.*	Lepido:	Noctuidae
	E. fabia stoll.	Lepido:	Noctuidae
Gram caterpillar or American bollworm	*Heliothis armigera Hubner*	Lepido:	Noctuidae
Red bollworm	*Rabila frontalis Wlk.*	Lepido:	Noctuidae
Grasshopper	*Catantops sp.*	Ortho:	Acridiidae
Black weevil	*Amorphoidea arcuata M.*	Coleo:	Curculionidae
	Monolepta signata Ol.	Coleo:	Galeracidae
(ii) Sucking			
Red cotton bug	*Dysdercus cingulatus Fb.*	Hemip:	Pyrrhocoridae
	D. olivaceus Fb.	Hemip:	Pyrrhocoridae
Green bug	*Nezara viridula L.*	Hemip:	Pentatomidae
	Helopeltis antonii Signoret	Hemip:	Capsidae
Capsid bug	*Ragmus morosus Ball.*	Hemip:	Capsidae
	R. flavomaculatus Ball.	Hemip:	Capsidae
	Serinatha augur Fb.	Hemip:	Coreidae
	Leptocoris augur F. (Serinatha)	Hemip:	Coreidae
	Clavigralla horrens Dohrn.	Hemip:	Coreidae
	Lygaeus pandurus Scop.	Hemip:	Coreidae
	L. hospes Fb.	Hemip:	Coreidae
Open Bolls			
Dusky cotton bug	*Oxycarenus laetus Kby.*	Hemip:	Lygaeidae
	Pyroderces gossypiella Sn.	Lepido:	Tineidae
	Dysdercus cingulatus F.	Lepido:	Pyrrhocoridae
	D. olivaceus F.	Lepido:	Pyrrhocoridae
Roots			
White ants	*Termites*	Isoptera	
While weevil	*Myllocerus maculosus Desh.*	Coleo:	Curculionidae
	Araecerus fasciculatus Deg.	Coleo:	Anthribidae
Seeds			
Dusky cotton bug	*Oxycarenus laetus Kby.*	Hemip:	Lygaeidae
	Alphitobius laevigatus F. (piceus Ol.)	Coleo:	Tenebrionidae
Rice mealworm	*Corcyra cephalonica Staint.*	Lepido:	Pyralidae