

Sr. #	Insect Pest	Scientific name	Family	Order	Stud. Sr. #
1	Sugarcane Stem Borer	<i>Chilo infuscatellus</i>	Pyalidae	Lepidoptera	1
2	Citrus Mealy Bug	<i>Planococcus citri</i>	Pseudococcidae	Homoptera	
3	Sugarcane Gurdaspur Borer	<i>Acigona steniella</i>	Pyalidae	Lepidoptera	
4	Ber Beetle	<i>Adoretus pallens</i>	Scarabaeidae	Coleoptera	2
5*	Til Hawk Moth	<i>Agrius convolvuli/ Acherontia atropos</i>	Sphingidae	Lepidoptera	
6	Gram Cutworm	<i>Agrotis flammatra</i>	Noctuidae	Lepidoptera	
7	Gram Greasy Cutworm	<i>Agrotis ipsilon</i>	Noctuidae	Lepidoptera	3
8	Cotton Jassid	<i>Amrasca biguttula</i>	Cicadellidae	Homoptera	
9*	Mango Leaf-hopper	<i>Amritodus atkinsoni</i>	Cicadellidae	Homoptera	
10	Kutra Moth	<i>Amsacta moorei</i>	Arctiidae	Lepidoptera	4
11	Citrus Red Scale	<i>Aonidiella aurantii</i>	Diaspididae	Homoptera	
12	Cotton Aphid	<i>Aphis gossypii</i>	Aphididae	Homoptera	
13	Mustard Sawfly	<i>Athalia proxima</i>	Tenthredinidae	Hymenoptera	5
14*	Sorghum Shoot Fly	<i>Atherigona soccata</i>	Muscidae	Diptera	
15	Red Pumpkin Beetle	<i>Aulacophora foveicollis</i>	Chrysomelidae	Coleoptera	
16	Melon Fruit Fly	<i>Bactocera cucurbitae</i>	Tephritidae	Diptera	6
17	Guava Fruit Fly	<i>Bactocera dorsalis</i>	Tephritidae	Diptera	
18*	Citrus Fruit Fly	<i>Bactocera minax</i>	Tephritidae	Diptera	
19	Peach Fruit Fly	<i>Bactocera zonata</i>	Tephritidae	Diptera	7
20	Painted/Mooli Bug	<i>Bagrada hilaris</i>	Pentatomidae	Hemiptera	
21	Fig Stem Borer	<i>Batocera rufomaculata</i>	Cerambycidae	Coleoptera	
22	Cotton Whitefly (CLCV Vector)	<i>Bemisia argentifolli</i>	Aleyrodidae	Homoptera	8
23*	Cotton Whitefly	<i>Bemisia tabaci</i>	Aleyrodidae	Homoptera	
24	Ber Fruit Fly	<i>Carpomyia vesuviana</i>	Tephritidae	Diptera	
25*	Maize/Sorghum Stem Borer	<i>Chilo partellus</i>	Pyalidae	Lepidoptera	9
26	Rice Stripped Stem Borer	<i>Chilo suppressalis</i>	Noctuidae	Lepidoptera	
27	Surface Grasshopper	<i>Chrotogonus trachypterus</i>	Acrididae	Orthoptera	
28	Rice Leaf Folder	<i>Cnaphalocrocis medinalis</i>	Pyalidae	Lepidoptera	10
29*	Codling Moth	<i>Cydia pomonella</i>	Eucosmidae	Lepidoptera	
30	Jute Hairy Caterpillar	<i>Diacrisia obliqua</i>	Arctiidae	Lepidoptera	
31	Citrus whitefly	<i>Dialeurodes citri</i>	Aleyrodidae	Homoptera	11
32*	Citrus Psylla	<i>Diaphornia citri</i>	Psyllidae	Homoptera	
33	Rice Hispa	<i>Dicladispa armigera</i>	Chrysomelidae	Coleoptera	
34*	Mango Mealy Bug	<i>Drosicha stebbingi</i>	Margarodidae	Homoptera	12
35	Cotton Spotted Bollworm	<i>Earias insulana</i>	Noctuidae	Lepidoptera	
36	Sugarcane Root Borer	<i>Emmalocera depressella</i>	Pyalidae	Lepidoptera	
37	Apple Woolly Aphid	<i>Eriosoma lanigerum</i>	Aphididae	Homoptera	13
38*	Brinjal Stem Borer	<i>Euzophera perticella</i>	Pyalidae	Lepidoptera	
39	Potato Tuber Moth	<i>Gnorimoschema operculella</i>	Gelechiidae	Lepidoptera	
40	Black-headed Field Cricket	<i>Gryllus bimaculatus</i>	Gryllidae	Orthoptera	14
41*	Cotton American Bollwrom	<i>Helicoverpa armigera</i>	Noctuidae	Lepidoptera	
42	Gram Pod Borer	<i>Helicoverpa armigera</i>	Noctuidae	Lepidoptera	
43	Hadda Beetle	<i>Henosepilachna chrysomelina</i>	Coccinellidae	Coleoptera	15
44	Brinjal Fruit Borer	<i>Leucinodes orbonalis</i>	Pyalidae	Lepidoptera	
45	Rose Aphid	<i>Macrosiphum rosaeiformis</i>	Aphididae	Homoptera	
46	Potato Green Bug	<i>Nezara viridula</i>	Pentatomidae	Hemiptera	16
47	Sugarcane termites	<i>Odontotermes obesus, Microtermes obesi</i>	Termitidae	Isoptera	
48	Citrus Caterpillar (Lemon Butterfly)	<i>Papilio demoleus</i>	Papilionidae	Lepidoptera	
49*	Cotton Pink Bollworm	<i>Pectinophora gossypiella</i>	Gelechiidae	Lepidoptera	17
50	Citrus Leaf-miner	<i>Phyllocnistis citrella</i>	Gracillariidae	Lepidoptera	
51	Pea Leaf-miner	<i>Phytomyza atricornis</i>	Agromyzidae	Diptera	
52*	Cabbage Butterfly	<i>Pieris Brassicae</i>	Pieridae	Lepidoptera	18
53	Diamond Backed Moth	<i>Plutella xylostella</i>	Plutellidae	Lepidoptera	
54	Sugarcane Leafhopper (Pyrilla)	<i>Pyrilla perpusilla</i>	Lophopidae	Homoptera	
55	Grape Vine Thrips	<i>Rhipiphorothrips cruentatus</i>	Panchaetothripidae	Thysanoptera	19
56	Date Palm Weevil	<i>Rhynchophorus ferrugineus</i>	Curculionidae	Coleoptera	
57	Desert Locust	<i>Schistocerca gregaria</i>	Acrididae	Orthoptera	
58*	Rice Yellow Stem Borer	<i>Scirpophaga incertulus</i>	Pyalidae	Lepidoptera	20
59	Rice White Stem Borer	<i>Scirpophaga innotata</i>	Pyalidae	Lepidoptera	
60	Sugarcane Top Borer	<i>Scirpophaga nivella</i>	Pyalidae	Lepidoptera	
61	Rice Pink Gramineous Borer	<i>Sesamia inferens</i>	Noctuidae	Lepidoptera	21
62	Rice White-backed Plant-hopper	<i>Sogatella furcifera</i>	Delphacidae	Homoptera	
63	Lucerne Caterpillar	<i>Spodoptera exigua</i>	Noctuidae	Lepidoptera	
64	Armyworms	<i>Spodoptera litura</i>	Noctuidae	Lepidoptera	22
65	Ground Nut Leaf Miner	<i>Stomopteryx nertaria</i>	Gelechiidae	Lepidoptera	
66	Red Spider Mites	<i>Tetranychus urticae</i>	Tetranychidae	Trombidiformes	
67*	Cotton Thrips	<i>Thrips tabaci</i>	Thripidae	Thysanoptera	23
68	Brinjal Lace-wing Bug	<i>Urentius sentis</i>	Tingidae	Hemiptera	
69	Anar Butterfly	<i>Virachola isocrates</i>	Lycaenidae	Lepidoptera	

What to do: **Last date of assignment submission: 15 April 2014 till 4:00 PM**

Enlist Pesticides (Name (brand and chemical names), recommended dose, time and frequency of application) separately for each assigned insect pest

Search for and download high-quality images (egg/nymph/larva/pupa/adult) of each insect pest with reference of web-page from where it has been downloaded

Search for and download only one scientific paper (abstract or whole pdf) about IPM of each assigned insect pest

Make a ppt file with name of file (Ent-506_Student Name_Serial No.) and arrange all your material in it for electronic submission (paper pdf as separate file)

Each student must have common & technical names and families & orders of all these insect pests on his/her finger-tips.

Each student has to draw on blank drawing papers the labelled life-cycle and mode of damage for insect pests marked with " * " symbol (total 15 insect pests)

Due date for drawing assignment's submission: 28 May 2014 till 4:00 PM