

## SCHEDULE I

[See section 2 (b)]

### Parasites

Sl. No.	Name.	Host.	Common name or disease.
1.	<i>Helminthosporium oryzae</i>	.. Rice	Leaf spot, seedling blight.
2.	<i>Sclerotium oryzae</i> ..	.. Do.	Sterm/Stem-rot.
3.	<i>Piricularia oryzae</i> ..	.. Do.	Blast.
4.	<i>Fusarium oniliforme</i> ..	.. Do.	Bakanae or Foot/Root-rot.
5.	<i>Ditylenchus angustus (Nematode)</i>	Do.	Ufra, Dak/g Pora.
6.	<i>Radopholus oryzae (Nematode)</i>	.. Do.	Mentak.
7.	{ <i>Colletotrichum falcatum</i> <i>Physalospora tucumanenses</i> }	Sugarcane	Red-rot
8.	<i>Ceratostomella paradoxa</i>	.. Do.	Sett rot.
9.	<i>Hendersonina sacchari</i>	.. Do.	Collar-rot.
10.	<i>Leptosphaeria sacchari</i>	.. Do.	Ring spot.
11.	<i>Helminthosporium sacchari</i>	.. Do.	Eye spot.
12.	<i>Carcospora longipes</i> ..	.. Do.	Brown leaf spot.
13.	<i>Macrophomina phaseoli</i>	Jute	Stem-rot.
14.	<i>Diplodia corchori</i> ..	.. Do.	Black band.
15.	<i>Meloidogyne javanicum</i>	.. Do.	Root-knot.
16.	<i>Phytophthora infestans</i>	Potato	Late Blight.
17.	<i>Alternaria Solani</i> ..	Potato	Early blight.
18.	<i>Leaf roll virus</i> ..	.. Do.	Leaf roll.
19.	<i>Sclerotium reifsii</i> ..	.. Do.	Stem-rot.
20.	<i>Pseudomonas salanaceraum</i>	Tomato	Wilt.
21.	<i>Phytophthora infestans</i>	.. Do.	Late blight.

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Sl. No.	Name.	Host.	Common name or disease.
22.	<i>Alternaria salani</i> ..	.. Do.	Early blight.
23.	Leaf roll virus ..	.. Do.	Leaf roll.
24.	<i>Ceroospora nicotianae</i>	.. Tobacco	Leaf spot.
25.	<i>Tobacco mosaic virus</i>	.. Do.	Mosaic.
26.	<i>Orobanche</i> (Phanerogamic parasite)	.. Do.	Orobanche.
27.	<i>Phythium sp.</i> ..	.. Do.	Damping offb.
28.	<i>Phytophthora parasitea</i>	.. Betal vine	Leaf rot.
29.	<i>Sclerotium rolfsii</i> ..	.. Do.	Root-rot.
30.	<i>Colletotrichum capsici</i>	.. Do.	Anthracnose.
31.	<i>Thielaviopsis paradoxa</i>	.. Betelnut	Wilt.
32.	(a) <i>Cercospora personata</i> (b) <i>Cercospora arachidicola</i>	.. Groundnut	Tikka.
33.	<i>Sclerotium rolfsii</i> ..	.. Do.	Stem-rot.
34.	<i>Macrophomina phaseoli</i>	.. Do.	Root-rot.
35.	<i>Vermicularia capsici</i> ..	.. Chilli	Die-back.
36.	<i>Choanephora cucurbitarum</i>	.. Do.	Soft-rot.
37.	<i>Glomerella cingulata</i> ..	.. Do.	Ripe-rot.
38.	<i>Puccinia graminis tritici</i>	Wheat	Black stem rust.
39.	<i>Puccinia triticina</i> ..	.. Do.	Orange rust.
40.	<i>Puccinia glumarum</i> ..	.. Do.	Yellow rust.
41.	<i>Uatilago tritici</i> ..	.. Do.	Loose smut.
42.	<i>Gomerella gossypii</i> ..	.. Cotton	Anthracnose.
43.	<i>Cersospora gossypina</i> ..	.. Do.	Leaf spot.
44.	<i>Fusarium oxysporum f. vasinfection</i>	Do.	Wilt.
45.	<i>Rhizoctonia sp.</i> ..	.. Do.	Root rot.
46.	<i>Xanthomonas malvacearum</i>	.. Do.	Angular leaf spot.

Sl. No.	Name.	Host.	Common name or disease.
47.	<i>Helminthosporium turicicum</i>	.. Maize	Leaf blight.
48.	<i>Gibberella spp.</i> ..	Do.	Ear rot.
49.	<i>Colletotrichum graminicolum</i>	Jowar	Red leaf spot.
50.	<i>Sphaecelotheca soigni</i>	Do.	Smut.
51.	<i>Phyllachora sorghi</i>	Do.	Black spot.
52.	<i>Fusarium oxysporum f. cubense</i>	Banana	Panama disease (wilt).
53.	<i>Gloeosporium musarum</i>	Do.	Finger end rot.
54.	Banana virus ..	Do.	Bunchy top.

## SCHEDULE II

[See Section 2(b)]

### Insects

Sl. No.	Scientific name.	Family and order.	Common name (in English).	Host Plants.
1.	<i>Pseudaletia unipuncta</i> Raw.	Notuidae, Lepidoptera.	Rice Ear-cutting caterpillar.	Rice.
2.	<i>Spodoptera mauritia</i> Boisd.	Noctuidae, Lepidoptera.	Rice Swarming caterpillar.	Do.
3.	(a) <i>Schoenobius</i> <i>biquinctifera</i> Walk.	Pyralidae, Lepidoptera.	Rice Stemborer	Rice.
	(b) <i>Chilotroea</i> <i>auricilia</i> Dugd.	Pyralidae. Lepidoptera.	Rice Stemborer	Do.
	(c) <i>Chilotroea</i> <i>polychrysa</i> Mey.	Pyralidae, Lepidoptera.	Rice Stemborer	Do.
4.	<i>Hispa Br Mifera</i> Oly ..	Noctuidae, Lepidoptera.	Rice Hispa	Do.
5.	(a) <i>Nephrotettix</i> <i>bipunctatus</i> Fab.	Jassidae, Remiptera	Rice Leaf Hopper.	Do.
	(b) <i>N. Apicalis</i> <i>Motasen.</i>	Cic dellidae, Hemiptera.	Rice Leaf Hopper.	Do.

Sl. No.	Scientific name.	Family and order.	Common name (in English).	Host Plants.
	(c) <i>Selenocephalus vire-scens</i> Dist.	Jassidae, Hemiptera	Rice Leaf Hopper.	Do.
	(d) <i>Sogata distincta</i> - Dist.	Delphacidae, Hemiptera.	Rice Leaf Hopper.	Do.
6.	<i>Leptocoris acutus</i> <i>Thun bg.</i>	Coreidae, Hemiptera	Rice bug	Do.
7.	<i>Ripersia oryzae</i> <i>Green</i>	Coccidae, Hemiptera	Rice mealy bug	Do.
8.	<i>Nymphula depunctalis</i> <i>Guen.</i>	Pyralidae, Lepidoptera.	Rice case worm	Do.
9.	<i>Cnaphslocroci</i> <i>medinalis Guen.</i>	Pyralidae, Lepidoptera.	Rice Leaf roller	Do.
10.	<i>Oxvaya sp.</i> ..	Acrididae, Orthoptera	Rice grass hopper	Do.
11.	<i>Oscinella frit L.</i> ..	Chbropidae, Diptera	Paddy leaf-gall fly	Do.
12.	<i>Polppidas agna</i> <i>Moore</i>	Hesperiidae, Lepidoptera.	Rice skipper	Do.
13.	Scirpophaga (probably exeeriptalis) Walk.	Pyralidae, Lepidoptera.	Sugarcane top borer	Sugar- cane.
14.	<i>Chilo tumidicostalis</i> Hamps.	Pyralidae, Lepidoptera.	Sugarcane Stemborer.	Do.
15.	<i>Tanymechus sciurus</i> <i>Oliv</i>	Curculionidae; Coleobterta.	Sugarcane leaf eater.	Do.
16.	<i>Pyrilla perpusilla</i> <i>Walk ..</i>	Lophophidae, Hemiptera.	Sugarcane leaf hopper.	Do.
17.	Pyrilla pusana Dist ..	Lophophidae, Hemiptera.	Sugarcane leaf hopper.	Sugar- can.
18.	<i>Asamangulia</i> <i>cuspideata Walk.</i>	Hispidae, coleoptera.	Sugarcane Hispa	Do.
19.	<i>Diaorisia obliqua</i> <i>Walk ..</i>	Arctiidae, Lepidoptera.	Maily caterpillar	Jute.
20.	<i>Cosmophila</i> <i>subulifera Guen.</i>	Noctuidae, lepidoptera.	Semilooper	Do.

Sl. No.	Scientific name.	Family and order.	Common name (in English).	Host Plants.
21.	<i>Apion corchori</i> Marsh ..	Curculionidae, coleoptera.	Jute apion	Do.
22.	<i>Labhgma exigua</i> Guen	Noctuidae, lepidoptera.	Indigo caterpillar.	Do.
23.	<i>Prodenia litura</i> FB ..	Ditto	Jute Prodenia	Do.
24.	<i>Trachys pacifica</i> Kerr ..	Buprestidae, coleoptera.	Jute Buprestid	Do.
25.	<i>Ferrisia virgata</i> ckll ..	Coccidae, Heiptera	Mealy bug	Do.
26.	<i>Agrotis ypsilon</i> Hfn ..	Noctuidae, lepidoptera.	Cutworm	Do.
27.	<i>Brachytr pes portentosus</i> licht.	Gryollidae Orthoptera.	Cricket	Do.
28.	<i>Scopula emmasaria</i> Walk.	Geometridae, lepidoptera.	Jute scopula	Do.
29.	<i>Tersonemus latus</i> Bank	Tetranychidae, Acarina.	White mite	Do.
30.	<i>Tetranychus bioculatus</i> W-M.	Ditto.	Red mite	Do.
31.	<i>Prodenia litura</i> F. ..	Noctuidae, Lepidoptera.	Tobacco Caterpillar.	Tobacco.
32.	<i>Agrotis ypsilon</i> Hfn. ..	Ditto.	Cutworm	Do.
33.	<i>Nesidiocoris tenius</i> Rent	Miridae Hemiptera	Leaf hopper	Do.
34.	<i>Oregma</i> sp. ..	Aphididae, Hemiptera.	Aphis	Do.
35.	<i>Gonocephalum tuberculatum</i> Hope.	Tenebrionidae, coleoptera.	Surface beetle	Do.
36.	<i>Heliothis assuota</i> Guen	Noctuidae, Lepidoptera.	Leaf eating caterpillar.	Do.
37.	<i>Plusia signata</i> F	Ditto.	Semilooper	Do.

Sl. No.	Scientific name.	Family and order.	Common name (in English).	Host Plants.
38.	<i>Threps</i> sp. ..	Thripidae, Thysanoptera.	Thrips	Do.
39.	<i>Sylepta derogata</i> F ..	Pyralidae, lepidoptera	Leaf roller	Cotton.
40.	<i>Dysercus cingulatus</i> Fb	Pyrrh coridae, Hemiptera.	Red cotton bug	Do.
41.	<i>Earias fabia</i> Oran ..	Agrotidae, lepidoptera	Spotted Ballworm	Do.
42.	<i>Platyedra gossyprella</i> Saund.	Gelechiidae, lepidoptera.	Pink Ballworm	Do.
43.	<i>Kolla mimica</i> Dist ..	Jassidae, Hemiptera (Cicadellidae).	Leaf hopper	Cotton.
44.	<i>Telingana curvispina</i> Stall	Membracidae, Hemiptera.	Hooded Hopper	Do.
45.	<i>Myllocerus discolor</i> Boh	Curculionidae coleoptera.	Leaf eating bettle	Do.
46.	<i>Chrotogonus</i> Sp ..	Acrididae, Orthoptera.	Grass hopper	Do.
47.	<i>Cerococcus hibici</i> Green	Coccidae, Hemidiptera	Scale insect	Do.
48.	<i>Ferrusum virgata</i> Ckll.	Ditto	Mealybug	Do.
49.	<i>Nipaecoccus vestato</i> Mask	Ditto	Scale	Do.
50.	<i>Sphenoptera gossy pii</i> Kerr.	Buprestidae, coleoptera.	Cotton Stembores/r	Do.
51.	<i>Pheidole</i> sp.	Formicidae, Hymenoptera.	Brown ants	Do.
52.	<i>Camponotus compressus</i> Fb.	Formidide Hymenoptera.	Black ants	Do.
53.	<i>Aphis gossypii</i> Gloner	Aphididae, Hemiptera.	Aphis	Do.

Sl. No.	Scientific name.	Family and order.	Common name (in English).	Host Plants.
54.	<i>Lipahis pseidphrassocae</i> (Davis).	Aphididae, Hemiptera.	Aphis	Mustard . .
55.	<i>Crodidolomia binotalis</i> Zell.	Pyralidae, Lepidoptera.	Mustard caterpillar	Do.
56.	<i>Athalia lugens proxima</i> Klug.	Tenthredinidae, Hymenoptera.	Saw fly	Do.

### SCHEDULE III

[See section 2(b)]

#### **Heeds**

Sl. No.	Scientific name.	Family.	Common name.	Host.
1.	<i>Eichornia crassipes</i> Solms.	Potenderiaceae	Water hyacinth	Paddy.
	..			
2.	<i>Celosia argentea</i> L. ..	Amarantacea	Thanthane	Do.
3.	<i>Mimosa pudica</i> L. ..	Leguminosae	Leggabati	Do.
4.	<i>Leersia hexandra</i> Sw. ..	Gramineae	Floating grass	Do.
5.	<i>Cynodon dactylon</i> Pers	Ditto	Doub	Do.
6.	<i>Oryza sativa</i> var <i>fatur</i> L.	Ditto	Jhora dhan	Do.
7.	<i>Cyperus rotundus</i> L. ..	Cyperacea-c	Mutha	Do.
8.	<i>Amarantus spiiomosus</i> L.	Amarantaceae	Kata nate	Do.
9.	<i>Oldenlandia conymbosa</i> L.	Rubiaceae	Khetpaprea	Do.
10.	<i>Panicum crusgallii</i> L.	Gramineae	Ghuma, Bareshama.	Do.

**SCHEDULE IV**

[See section 2(b)]

**Name of pests which attack Silk Worms.***Diseases of Silk Worms.*

Sl. No.	Name of diseases.	Organism causing the diseases.
1.	Pebrine ..	Nosema bombscis Naegali.
2.	Muscardine (or Red Muscardine). ..	(a) Beauvoria Bassiana (Ral some) (b) Beauveria densa (LK) (=B. Tanella Del).
3.	Flacheria ..	Bacillus bomycis auctt.
4.	Serratia infection ..	Serratia narcaecens Bizio.
5.	Coocobacillus infection ..	Diplococcus bomycis paillct.
6.	Streptocococcus infection ..	Streptococcus bomycis auctt (Micrcoccus bomycis cohn).
7.	Green Muscardine ..	Metarrhizium anisopliae (Metch).
8.	Jaundice of silk worm ..	Borreliina bomycis paillot.

*Diseases of Mulberry.*

1.	Powdery Mildow ..	Phyllactinia corylea.
2.	Violet Root Rot ..	Helicobasidium Mompa.
3.	White Root Rot ..	Rosellinia necatrix.
4.	Megare ..	Gibberella noricola.

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