

PLANT PESTS AND DISEASES

**SECTION 2 (2)-THE PLANT PESTS AND DISEASES  
(PESTS AND ALTERNATE HOSTS) ORDER  
Order by the Minister**

*Federal  
Government  
Notices  
325 of 1958  
87 of 1962  
198 of 1963*

1. This Order may be cited as the Plant Pests and Diseases (Pests and Title  
Alternate Hosts) Order.

2. The following injurious organisms are declared to be pests with a view to their  
control and the prevention of their spread:

Declaration  
of pests

Anthraenose of tobacco	<i>Colletotrichum tabacum</i> Bšning
Bacterial blight of grapes	<i>Erwinia vitivora</i> (Baccarini) Du Plessis
Bacterial blight of peas	<i>Pseudomonas syringae pr pisi</i>
Bacterial canker of tomato <i>sub sp.</i>	<i>Corynebacterium michiganense</i> (E.F.S.) Jensen <i>michinganensis</i>
Bacterial ring-rot of potato <i>sepedonicum</i> (Spieck & Kotth.) Slaptason & Burkholder	<i>Corynebacterium michinganensis</i> sp.
Bacterial streak of sugar cane	<i>Xanthomonas albilineans</i> (Ashby) Downson
Blister blight of tea	<i>Exobasidium vexans</i> Masee
Blue mould of tobacco	<i>Peronospora hyoscyamia</i> Adam
Cercospora leaf spot of banana	<i>Mycosphaerella figiansis</i> Leach
Cereal foot rots	<i>Helminthosporium</i> spp.
Chestnut canker Anderson	<i>Cryphonectria parasitica</i> (Murr.) Anderson &
Chlorotic streak virus of sugar cane	
Citrus black fly	<i>Aleurocanthus woglumi</i> Ashby
Citrus black spot	<i>Guignardia citricarpa</i> Kiely
Citrus canker	<i>Xanthomonas campestris pr citri</i> (Hasse) Dowson

Crown gall Conn.	<i>Agrobacterium tumefaciens</i> (Smith & Townsend)
Crown wart of lucerne	<i>Urophlyctis alfalfae</i> (Lagerh.) Magnus
Dodder	<i>Cuscuta</i> spp.
Dutch elm disease	<i>Ceratocystis ulmi</i> (Buism.) C. Moreau
Ergot of rye	<i>Claviceps purpurea</i> Fr. (Tul.)
Fiji disease virus of sugar cane	<i>Sugar cane fiji disease-fiji virus 2</i> . Smith
Fireblight	<i>Erwinia amylovora</i> (Burrill) Winslow et al.
Internal cork virus disease of sweet potato	
Lucerne wilt (McCulloch)	<i>Clavibacter muchiga nensis sp. insidirsum</i>  Jensen
Onion smut	<i>Urocystis cepulae</i> Frost
Banana panama disease & Hansen	<i>Fusarium oxysporum f. cubense</i> (E.F.S.) Synder
Pierce's disease of the grape virus)	<i>Xylella fastidiosa virus 3</i> . Smith (lucerne dwarf
Rose mosaic virus	<i>Rosa virus 1</i> . Smith
Rose streak virus	<i>Rosa virus 4</i> . Smith
Rose wilt	Rose wilt disease 3. Smith
Stewart's disease of maize	<i>Erwinia stewartii</i> (E.F.S.) Dowson
Strawberry red core	<i>Phytophthora vas fragariae</i> Hickman
Tomato spotted wilt virus (kromnek)	<i>Lycopersicum virus 3</i> . Smith
Wart disease of potato	<i>Synchytrium endobioticum</i> (Schilb.) Percival
Potato root eelworm (golden nematode)	<i>Globodera rostochiensis</i> Wollenw.
Root knot eelworm	<i>Meloidogyne</i> spp.
Stem and bulb eelworm	<i>Ditylenchus dipsaci</i> (K hn)
American bollworm	<i>Helico verpa armigera</i> Hÿbn.
Apple codling moth	<i>Cydia pomonella</i> (L.)
Cereal midges	<i>Contarinia</i> spp. and <i>Sitodiplosis</i> spp.
Cherry fruit-fly	<i>Rhagoletis cerasi</i> (L.)
Chrysanthemum midge	<i>Diarthronomyia chrysanthemi</i> Ahlb.
Coffee berry borer	<i>Hypothenemus hampei</i> Ferr.

Colorado beetle	<i>Leptinotarsa decemlineata</i> (Say)
Dry wood termite	<i>Cryptotermes brevis</i> (Wlk.)
European house-borer	<i>Hylotrupes bajulus</i> (L.)
Japanese beetle	<i>Popillia japonica</i> Newm.
Oriental fruit-fly	<i>Bactrocera dorsalis</i>
Oriental fruit-moth	<i>Cydia molesta</i> Busck.
Pink bollworm	<i>Pectinophora gossypiella</i> (Saund.)
Red scale	<i>Aonidiella aurantii</i> Mask.
San José Scale	<i>Quadraspidotus perniciosus</i> (Comst.)
Tobacco moth	<i>Ephestia elutella</i> Walk.
Tobacco vein-browning virus and Schmelz	<i>Marmor upsilon</i> Holmes var. <i>costaenecans</i> Klink.
Woolly aphis (American blight)	<i>Eriosoma lanigerum</i> (Hsm.)
African migratory locust	<i>Locusta migratoria migratorioides</i> Rch. & Frm.
Red locust	<i>Nomadacris septemfasciata</i> (Serv.)

(As amended by F.G.N. No. 87 of 1962 and F.G.N. No. 198 of 1963)

- 3.** The following injurious organisms are declared to be pests in respect of living tobacco with a view to their control and the prevention of their spread: Declaration of pests of living tobacco
- |                   |                                 |
|-------------------|---------------------------------|
| Tobacco leaf curl | Tobacco streak virus            |
| Tobacco rosette   |                                 |
| Tobacco white fly | <i>Bemisia tabaci</i> Gennadius |
- 4.** The following injurious organisms are declared to be pests in respect of cured tobacco with a view to their control and the prevention of their spread: Declaration of pests of cured tobacco
- |                  |                                   |
|------------------|-----------------------------------|
| Cigarette beetle | <i>Lasioderma serricorne</i> (F.) |
| Tobacco moth     | <i>Ephestia elutella</i> Walk.    |
- 5.** The following injurious organisms are declared to be pests in respect of cotton with a view to their control and the prevention of their spread: Declaration of pests of cotton
- |                 |  |
|-----------------|--|
| Cotton jassid   | <i>Jacobiasea lybica</i> (de Besgerin) |
| Cotton stainers | <i>Dysdercus faciliocetus</i>          |
| Red bollworm    | <i>Diparopsis castanea</i> Hmps.       |

<b>6.</b> The following injurious organisms are declared to be pests of nursery stock with a view to their control and the prevention of their spread:		Declaration of pests of nursery stock
Circular purple scale	<i>Chrysomphalus ficus</i> Ashm.	
Egyptian black scale	<i>Chrysomphalus aonidum</i> (L.)	
False circular purple scale	<i>Chrysomphalus pinnulifera diversicolor</i> Green	
False red scale (Spanish red scale)	<i>Chrysomphalus dictyospermi</i> Morg.	
Large red scale	<i>Selenaspidus silvaticus</i> Lind.	
Long scale	<i>Lepidosaphes gloverii</i> (Pack.) Kirk.	
Oleander scale	<i>Aspidiotus hederæ</i> (Nal.) Sign.	
Purple scale (mussel scale)	<i>Lepidosaphes beckii</i> (Pack.) Kirk.	
Ross's black scale	<i>Chrysomphalus rossi</i> Mask.	
White peach scale	<i>Aulacaspis pentagona</i> (Targ.)	
Woolly aphid (American blight)	<i>Erisoma pemphigidae</i> (Hsm.)	

<b>7.</b> The following injurious organisms are declared to be pests of coffee with a view to their control and the prevention of their spread:		Declaration of pests of coffee
Coffee berry borer	<i>Hypothenemus hampei</i> Ferr.	
Coffee bug	<i>Antestiopsis orbitalis</i> Stal	
Kenya mealy bug	<i>Planococcus kenyæ</i> le Pelley	

<b>8.</b> The following injurious organisms are declared to be pests of unmanufactured plant products with a view to their control and the prevention of their spread:		Declaration of pests of unmanufactured plant products
Firebrat	<i>Thermobia domestica</i> (Packard)	
Silverfish	<i>Lepisma saccharina</i> L.	
American cockroach	<i>Periplaneta americana</i> (L.)	
Common cockroach	<i>Blatta orientalis</i> L.	
German cockroach	<i>Blatella germanica</i> (L.)	
Angoumois grain moth	<i>Sitotroga cerealella</i> (01.)	
Brown house moth	<i>Hofmannophila pseudospretella</i> (Stnt.)	
Carpet moth	<i>Trichophaga tapetzella</i> (L.)	
Case-making clothes moth Woche	<i>Tinea pellionella</i> (L.) <i>Tinea columbariella</i>	
Clothes moth	<i>Tineola bisselliella</i> (Humm.)	

Corn moth	<i>Tinea granella</i> (L.)
Dried-current moth	<i>Cadra cautella</i> (Wlk.)
Indian meal moth	<i>Plodia interpunctella</i> (Hb.)
Lesser wax moth	<i>Achroia grisella</i> (F.)
Mediterranean flour moth	<i>Anagasta kuehniella</i> (Zell.)
Raisin moth	<i>Cadra figulilella</i> (Gregson)
Rice moth	<i>Corcyra cephalonica</i> (Stnt.)
Tapestry moth	<i>Trichophaga tapetzella</i> (L.)
Wax moth	<i>Galleria mellonella</i> (L.)
African spider beetle <i>affine</i> Boield.	<i>Stethomezium squamosum</i> Hinton <i>Mesium</i>
American seed beetle	<i>Acanthoscelides obtectus</i> (Say)
Australian carpet beetle	<i>Anthrenocerus australis</i> (Hope)
Australian spider beetle Panz.	<i>Ptinus tectus</i> Boield. <i>Ptinus sexpunctatus</i>
Bacon beetle	<i>Dermestes lardarius</i> (L.)
Biscuit beetle <i>bibliophagum</i> Magalh.	<i>Stegobium paniceum</i> (L.) <i>Dorcatoma</i>
Black carpet beetle	<i>Attagenus megatoma</i> (F.)
Black fungus beetle	<i>Alphitobius laevigatus</i> (F.)
Broad-horned flour beetle <i>maxillosus</i> (F.)	<i>Gnathocerus cornutus</i> (F.) <i>Gnathocerus</i>
Cadelle	<i>Tenebroides mauritanicus</i> (L.)
Confused flour beetle	<i>Tribolium confusum</i> Duv.
Copra beetle	<i>Necrobia rufipes</i> (Deg.)
Corn sap beetle <i>ligneus</i> Murray	<i>Carpophilus dimidiatus</i> (F.) <i>Carpophilus</i>
Cowpea beetle <i>Callosobruchus analis</i> (F.)	<i>Callosobruchus chinensis</i> (L.)
Dark flour beetle	<i>Tribolium destructor</i> Uytt.
Dark mealworm	<i>Tenebrio obscurus</i> (F.)
Depressed flour beetle	<i>Palorus subdepressus</i> (Woll.)
Dried fruit beetle	<i>Carpophilus hemipterus</i> (L.)
Flat grain beetle	<i>Cryptolestes pusillus</i> (01.)

Foreign grain beetle	<i>Ahasverus advena</i> (Waltl.)
Fur beetle	<i>Attagenus pellio</i> (L.)
Furniture carpet beetle	<i>Anthrenus vorax</i> Waterh.
Globular spider beetle	<i>Trigonogenius globulus</i> Sol.
Golden spider beetle	<i>Niptus hololeucus</i> (Fald.)
Groundnut beetle	<i>Caryedon fuscus</i> (Goeze)
Hide beetle	<i>Dermestes frischii</i> Kug.
Hump spider beetle	<i>Gibbium psylloides</i> (Czenp.)
Japanese spider beetle	<i>Pseudeurostus hilleri</i> (Rter.)
Khapra beetle	<i>Trogoderma granarium</i> Everts
Larger cabinet beetle	<i>Trogoderma versicolor</i> (Creutz.)
Leather beetle	<i>Dermestes maculatus</i> Deg.
Lesser grain borer	<i>Rhizopertha dominica</i> (F.)
Lesser mealworm	<i>Alphitobius diaperinus</i> (Panz.)
Long-headed flour beetle	<i>Latheticus oryzae</i> Waterh.
Merchant grain beetle	<i>Oryzaephilus mercator</i> (Fauv.)
Red rust grain beetle	<i>Cryptolestes ferrugineus</i> (Steph.)
	<i>Cryptolestes pusilloides</i> (Steel & Howe)
	<i>Cryptolestes turcicus</i> (Grouv.)
Rust-red flour beetle	<i>Tribolium castaneum</i> (Hbst.)
Saw-toothed grain beetle	<i>Oryzaephilus surinamensis</i> (L.)
Small-eyed flour beetle	<i>Palorus ratzeburgi</i> (Wizzm.)
Varied carpet beetle	<i>Anthrenus verbasci</i> (L.)
White-marked spider beetle	<i>Ptinus fur</i> (L.)
Yellow mealworm	<i>Tenebrio molitor</i> L.
Broad-nosed grain weevil	<i>Caulophilus latinasus</i> (Say)
Cacao weevil	<i>Araecerus fasciculatus</i> (Deg.)
Grain weevil	<i>Sitophilus granarius</i> (L.)
Rice weevil	<i>Sitophilus oryzae</i> (L.)

(F.G.N. No. 87 of 1962)

**9.** The plants specified in the first column of the Schedule are declared to be alternate hosts of the pests specified opposite thereto in the second column. Declaration of alternate hosts

column of the Schedule.  
(*F.G.N. No. 87 of 1962*)

## SCHEDULE

(Paragraph 9)

### ALTERNATE HOSTS

#### *Plants*

*Abelmoschus esculentus*  
(L.) Moench

*Dahlia* spp.

*Hibiscus dongolensis* Del.  
(F.G.N. No. 87 of 1962)

#### *Pests*

Pink bollworm

Kromnek  
(*lycopersicum* virus 3. Smith)

Pink bollworm