HAWAII ADMINISTRATIVE RULES

TITLE 4 DEPARTMENT OF AGRICULTURE

SUBTITLE 6 DIVISION OF PLANT INDUSTRY

CHAPTER 69A

PESTS FOR CONTROL OR ERADICATION

§4-69A-1 Scope of rules
§4-69A-2 Definitions
§4-69A-3 Criteria to designate pests for control or eradication
§4-69A-4 Procedure for the designation of pests for control or eradication
§4-69A-5 Control or eradication of noxious weeds; entry of private property

Historical Note: Prior rules relating to pest control were adopted under §141-2, Hawaii Revised Statutes, as chapter 69, Hawaii Administrative Rules, and were repealed on the effective date of this chapter. (Eff. 7/13/81, R 9/4/93)

§4-69A-1 Scope of rules. These rules shall govern the criteria and procedures for designation of pests for control or eradication programs on public or private property other than dwellings in the State. (Eff. 9/4/93; comp JAN 02 2009 ) (Auth: HRS §141-3)

§4-69A-2 Definitions. As used in this chapter:
"Agricultural industry" means agricultural, horticultural, aquacultural, or livestock industry.
"Board" means the board of agriculture.
"Head" means the head of the division of plant industry.
"Livestock" means farm animals kept for use or profit and includes but is not limited to horses, mules, cattle, sheep, goats, swine, and poultry.
"Noxious weeds" means those plant species determined to be or likely to become injurious, harmful, or deleterious to the agricultural industry, forest and recreational areas, and conservation districts of the State and which are designated and listed as noxious weeds in chapter 4-68, Hawaii Administrative Rules.
"Other pests" means any invertebrate or vertebrate pest harmful to the agricultural industry or vegetation of value, as designated by the board.

"Vegetation of value" means vegetation such as desirable trees, plants, and shrubs. (Eff. 9/4/93; am and comp JAN 02 2009) (Auth: HRS §141-3) (Imp: HRS §141-3)

§4-69A-3 Criteria to designate pests for control or eradication. (a) Each insect, mite, other pest or plant disease designated by the department as a pest for control or eradication programs shall meet one or more of the following criteria:

1. There is a record of economic damage in the scientific literature documenting the designated pest's potential for injury to the agricultural industries or vegetation of value in the State.

2. The designated pest is causing or is about to cause economic loss by damage to a crop or agricultural commodity, by adversely affecting marketability, causing a loss in yield, or the like.

3. The designated pest transmits plant diseases which cause economic loss to a crop or agricultural commodity, by adversely affecting marketability, causing a loss in yield, or the like.

4. The designated pest is injurious or deleterious to livestock by virtue of being venomous, parasitic, or a carrier or reservoir of diseases.

(b) All noxious weeds designated pursuant to chapter 4-68, Hawaii Administrative Rules, are pests for control or eradication within the meaning of this chapter. (Eff. 9/4/93; am and comp JAN 02 2009) (Auth: HRS §141-3) (Imp: HRS §141-3)

§4-69A-4 Procedure for the designation of pests for control or eradication. (a) The head shall direct a continuous program of study and evaluation of insects, mites, other pests, or plant diseases for potential designation as pests.

(b) Study and evaluation of an insect, mite, other pest or plant disease for designation as a pest may be initiated by the head or, upon request, by other government agencies or private organizations.
(c) When sufficient data have been accumulated on an insect, mite, other pest, or plant disease to warrant designation, the head may submit to the board a request for designation as a pest for control or eradication.

(d) The insect, mite, other pest, or plant disease shall meet the criteria for designation as a pest, as provided in section 4-69A-3.

(e) An insect, mite, other pest, or plant disease shall be designated as a pest for control or eradication by the department following approval of the designation by the board, pursuant to chapter 91, Hawaii Revised Statutes.

(f) The list of insects, mites, other pests, or plant diseases designated as pests, adopted by the board on December 16, 2008, and located at the end of this chapter, is made a part of this section.

(g) When the head determines that an insect, mite, other pest, or plant disease officially designated as a pest no longer meets the criteria for designation as a pest, the head may submit to the board a request to rescind the official designation for the pest. The request shall include a report with reasons to justify rescission of the designation.

(h) For rescission as submitted as outlined in subsection (g) above, the official designation of an insect, mite, other pest, or plant disease as a pest shall be rescinded following approval by the board, pursuant to chapter 91, Hawaii Revised Statutes. (Eff. 9/4/93; am and comp)
List of Insects, Mites, Other Pests, and Plant Diseases
Designated as Pests
for Control or Eradication Purposes by the
Hawaii Department of Agriculture

December 16, 2008

INSECTS

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adoretus sinicus</td>
<td>Chinese rose beetle</td>
</tr>
<tr>
<td>Anastrepha spp.</td>
<td>an exotic fruit fly species</td>
</tr>
<tr>
<td>Aleurocanthus woglumi</td>
<td>citrus blackfly</td>
</tr>
<tr>
<td>Anoplolepis longipes</td>
<td>longlegged ant</td>
</tr>
<tr>
<td>Aphis gossypii</td>
<td>cotton/melon aphid</td>
</tr>
<tr>
<td>Apis mellifera</td>
<td>honey bee</td>
</tr>
<tr>
<td>Aspidiella hartii</td>
<td>turmeric scale</td>
</tr>
<tr>
<td>Bactrocera correctus</td>
<td>guava fruit fly</td>
</tr>
<tr>
<td>Bactrocera cucurbitae</td>
<td>melon fly</td>
</tr>
<tr>
<td>Bactrocera dorsalis</td>
<td>oriental fruit fly</td>
</tr>
<tr>
<td>Bactrocera latifrons</td>
<td>solanaceous fruit fly</td>
</tr>
<tr>
<td>Bactrocera tryoni</td>
<td>Queensland fruit fly</td>
</tr>
<tr>
<td>Bemisia tabaci</td>
<td>sweetpotato whitefly</td>
</tr>
<tr>
<td>Ceratitis capitata</td>
<td>Mediterranean fruit fly</td>
</tr>
<tr>
<td>Cosmopolites sordidus</td>
<td>banana root borer</td>
</tr>
<tr>
<td>Coccus viridis</td>
<td>green scale</td>
</tr>
<tr>
<td>Cryptophlebia illepida</td>
<td>koa seedworm</td>
</tr>
</tbody>
</table>
Cryptophlebia ombrodelta  
litchi fruit moth

Darna pallivitta  
nettle caterpillar

Delia radicum  
cabbage maggot

Diatraea saccharalis  
sugarcane borer

Dysmicoccus alazon  
a mealybug

Dysmicoccus brevipes  
pineapple mealybug

Elasmpopalpus lignosellus  
lesser cornstalk borer

Frankliniella occidentalis  
western flower thrips

Heteropsylla cubana  
leucaena psyllid

Hypothemenus hampei  
coffee berry borer

Hypothemenus obscurus  
tropical nut borer

Keiferia lycopersicella  
tomato pinworm

Liriomyza spp  
agromyzid leafminers

Metamasius callizona  
bromeliad weevil

Monolepta australis  
redshouldered leaf beetle

Myndus crudus  
American palm cixiid

Myzus persicae  
green peach aphid

Nezara viridula  
southern green stink bug

Oryctes rhinoceros  
coconut rhinoceros beetle

Ostrinia nubilalis  
European corn borer

Pentalonia nigronervosa  
banana aphid

Pheidole megacephala  
bigheaded ant

Phoracantha sempunctata  
eucalyptus longhorned beetle
Plutella xylostella  diamondback moth
Pogonomyrmex spp.  harvester ants
Popillia japonica  Japanese beetle
Pseudonirvana rufofascia  two-spotted leafhopper
Sipha flava  yellow sugarcane aphid
Solenopsis invicta  red imported fire ant
Thrips palmi  melon thrips
Toxotrypana curvicauda  papapa fruit fly
Trialeurodes vaporariorum  greenhouse whitefly
Vespula pensylvanica  western yellowjacket
Wasmannia auropunctata  little fire ant
Xylosandrus compactus  black twig borer

MITES

Scientific Name  Common Name
Acarapis woodi  honey bee tracheal mite
Polyphagotarsonemus latus  broad mite
Tetranychus cinnabarinus  carmine spider mite
Varroa jacobsoni  varroa mite

OTHER PESTS

Scientific Name  Common Name
Coenobita clupeatus  land hermit crab
Corbicula fluminea  freshwater clam
Dreissena polymorpha  zebra mussel
Eleutherodactylus coqui  coqui frog
Helix aspersa  brown garden snail
Megalabulimus oblongus  giant South American snail
Pomacea canaliculata  apple snail
Theba pisana  white garden snail

**PLANT DISEASES**

<table>
<thead>
<tr>
<th>Causal Organism</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Pseudomonas solanacearum</em> (banana, Strain D)</td>
<td>Bacterial wilt of heliconia</td>
</tr>
<tr>
<td>Banana bunchy top virus</td>
<td>Banana bunchy top disease</td>
</tr>
<tr>
<td><em>Mycosphaerella fijiensis var. difformis</em></td>
<td>Black Sigatoka of banana</td>
</tr>
<tr>
<td>A viroid</td>
<td>Cadang cadang disease of coconuts</td>
</tr>
<tr>
<td><em>Xanthomonas campestris p.v. citri</em></td>
<td>Citrus canker or bacterial canker of citrus</td>
</tr>
<tr>
<td><em>Colletotrichum coffeanaum</em></td>
<td>Coffee berry disease</td>
</tr>
<tr>
<td><em>Hemileia vastatrix</em></td>
<td>Coffee rust</td>
</tr>
<tr>
<td><em>Peronosclerospora maydis</em></td>
<td>Downy mildew(s) of corn</td>
</tr>
<tr>
<td><em>Peronosclerospora philippinensis</em></td>
<td></td>
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<tr>
<td><em>Peronosclerospora sacchari</em></td>
<td></td>
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<tr>
<td><em>Peronosclerospora sorghi</em></td>
<td></td>
</tr>
<tr>
<td><em>Sclerophthora macrospora</em></td>
<td></td>
</tr>
</tbody>
</table>
Scleropithora rayssiae var. zaeae

Sclerospora graminicola

Fusarium oxysporum f.sp. cubense
Fusarium oxysporum f.sp. koae

A mycoplasmalike organism
Maize chlorotic mottle virus

Pseudomonas solanacearum Race 2 (banana, Strain B)

Colesporium bletiae

Sphenospora kevorkianii
Sphenospora mera
Sphenospora saphena

Uredo behnickiana
Uredo nigropuncta

A virus

Fusarium wilt of banana (Panama disease)
Koa disease
Lethal yellowing of coconuts
Maize chlorotic mottle disease
Moko disease of banana
Orchid rust diseases
Papaya ringspot virus