



BELIZE

**PESTICIDES CONTROL ACT
CHAPTER 216**

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CHAPTER 216

PESTICIDES CONTROL

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CHAPTER 216
PESTICIDES CONTROL

CAP. 181B,
R.E., 1980-1990.
32 of 1985.
18 of 1988.
16 of 1988.
35 of 1988.
72 of 1988.
95 of 1988.
76 of 1990.
100 of 1995.
2 of 2002.
S. I. 18 of 1988.
S.I. 1 of 2001.

[21st November, 2000]

PART I

Preliminary

1. This Act may be cited as the Pesticides Control Act.

Short title.

2. In this Act, unless the context otherwise requires,

Interpretation.

“advertisement” means any representation by any means whatsoever for the purpose of promoting directly or indirectly the sale or other distribution of any pesticides;

“agriculture” means the production and storage of any produce for consumption or any other purpose and includes the use of land for grazing, forestry and woodland, fish culture, bee culture, market gardening, horticulture and nurseries or animal husbandry;

“approved analyst” means the government analyst or any other analyst approved by the Minister;

“article” or “article to which the Act and regulations apply” means,

(a) a pesticide or any produce to which a pesticide is believed to have been applied;

- (b) anything used for the manufacture, packaging, storage, application or use of a pesticide; or
- (c) any labelling, packaging or advertising material which relates to a pesticide;

“Board” means the Pesticides Control Board established under section 3;

2 of 2002.

“code of practice” means Regulations made by the Minister on the recommendations of the Board under section 15(1)(s) of this Act, containing requirements to be followed in a regulation to achieve safe pesticide use and handling;

“container” means anything in which a pesticide is wholly or partly contained or packed;

“extermination” means the use of pesticides for the destruction or control of pests on any land or premises or in a vehicle, ship or aircraft whether on land or any other place;

2 of 2002.

“general use pesticide” means a pesticide registered as a pesticide and intended for use according to the label;

“label” means any legend, word or mark attached to, included in, belonging to or accompanying a container;

“manufacture” means the formulation, compounding or synthesizing of a pesticide;

“Minister” means the Minister responsible for agriculture;

“owner” means the owner of an article, his servant or agent, the person in whose possession an article is found, the owner of a vehicle or land or premises in which or on which an article is found, or the employer of a worker;

“packaging” means the activity of putting pesticides in containers for sale or distribution;

“pest” means any insect, rodent, bird, fish, mollusc, nematode, fungus, weed, micro-organism, virus, ectoparasites of animals and any other kind of plant or animal life which is injurious, troublesome or undesirable to growing crops, produce, processed food, wood, clothes, fabrics or other inanimate objects;

“pesticide” means any substance intended for preventing, destroying or controlling any pest or vector of human, animal or plant disease, and includes any substance intended for use as a plant growth regulator, defoliant, desiccant, agent for thinning fruit, or for preventing the premature fall of fruits, or a substance applied to crops either before or after harvest to protect the commodity from deterioration during storage and transportation, and any substance applied externally to animals for the control of ectoparasites;

2 of 2002.

“pesticide applicator” means a person who uses pesticides to carry out an extermination;

“prescribed” means prescribed by regulations made under this Act;

“produce” means a crop grown for consumption or other use after it is severed from the land and includes anything ordinarily used or which may be used in the composition of food for human beings and domestic and farm animals, but does not include growing crops;

2 of 2002.

“producer association” means a formally established body representing the interests of producers in agriculture or animal production which is interested in or is affected by the control of pesticides, including the Beekeepers Industry, the Belize Livestock Producers Association, the Citrus Growers Association, the Grain Growers Association, the Banana Growers Association, the Cane Farmers Association and any other similar associations;

“prohibited pesticide” means any pesticide of which the possible effects on the environment, plants, animals or human beings are considered by the Minister to be too dangerous to justify its use;

2 of 2002.

“restricted use pesticide” means a pesticide which, if used in accordance with a widespread and commonly recognised practice, may generally cause, without additional regulatory action, unreasonable adverse effects on the environment, including the applicator and other people,

Provided that the terms “registered pesticide” and “restricted pesticide” shall be construed to mean “general use pesticide” and “restricted use pesticide” respectively wherever they occur in this Act and in subsidiary legislation;

2 of 2002.

“Registrar” means the employee of the Board responsible for registers of pesticides under section 10 of this Act;

“worker” means a person employed in the use and handling of pesticides.

PART II

Establishment, Powers and Functions, etc., of the Control Board

Establishment of Pesticides Control Board. First Schedule.

3. There shall be established a Board to be called the Pesticides Control Board and the constitution of the Board shall be as set out in the First Schedule to this Act.

Functions of the Board.

4.—(1) The functions of the Board shall be,

- (a) to register pesticides;
- (b) to license persons to import or manufacture pesticides;
- (c) to authorize persons to sell restricted pesticides;
- (d) to register premises in which a restricted pesticide may be sold;

- (e) to authorize pesticide applicators to use restricted pesticides;
- (f) to classify any pesticide as a registered pesticide, restricted pesticide or a prohibited pesticide;
- (g) to consider and determine applications made pursuant to this Act and to deal with all aspects of the importation, manufacture, packaging, preparation for sale, sale, disposal and use of pesticides and to advise the Minister on all matters in relation thereto; and
- (h) to do such other things as may be expedient or necessary for the proper performance of its functions under this Act;
- (i) to train, or to arrange for the training of, persons in the safe use of pesticides. 2 of 2002.

(2) Without prejudice to the generality of subsection (1) the Board may, at any time with the approval of the Minister, by order provide for the withdrawal from sale or use of any pesticide and for the disposal of any such pesticide. 2 of 2002.

(3) The Board may establish committees to assist it in the performance of its functions and the exercise of its powers, and may abolish any such committees. 2 of 2002.

(4) A committee established by the Board under this section may be constituted wholly by members of the Board, or partly by members of the Board and partly by other persons, including technical experts in any area under consideration by such committee. 2 of 2002.

(5) The Board may from time to time, in writing determine, 2 of 2002.

- (a) the manner in which a committee is to perform its functions;

- (b) the terms of reference of a committee when considering any matter;
- (c) the procedure to be followed at or in relation to meetings of the committee, including matters relating to,
 - (i) the convening of meetings of the committee; and
 - (ii) the number of members of the committee who are to constitute a quorum at any meeting of the committee; and
- (d) the selection of a member of the committee to preside at meetings of the committee; and
- (e) the manner in which questions arising at a meeting of the committee are to be decided.

Policy directions.

5. The Minister may, after consultation with the Chairperson, give to the Board directions of a general character as to the policy to be followed in the performance of any of its functions, and the Board shall give effect to such directions.

Registered pesticides.

6.—(1) Any person may, subject to the provisions of this Act, manufacture, import, advertise or sell a pesticide which is declared to be a registered pesticide.

(2) A list of registered pesticides is given in the Second Schedule to this Act and this Schedule may be amended or replaced from time to time by order, by the Minister in consultation with the Board.

(3) Any person wishing to sell a registered pesticide shall obtain from the Board a licence entitling him to sell registered pesticides and comply with such conditions as may be stipulated in the licence.

7. No person shall manufacture or import any pesticide unless he first obtains in the prescribed manner from the Board a licence to manufacture or import, as the case may require, that pesticide.

Licensing of manufacturer or importer of pesticides.

8.–(1) No person shall sell a restricted pesticide unless,

Restricted pesticides, authorization to sell restricted pesticides and registration of premises.

- (a) he is authorized in the prescribed manner so to do;
- (b) the premises in which the sale is carried out have been registered in the prescribed manner for the purpose; and
- (c) the sale is carried out in accordance with such other requirements as may be prescribed.

(2) A list of restricted pesticides is given in the Third Schedule to this Act and this Schedule may be amended or replaced from time to time by Order, by the Minister in consultation with the Board.

Third Schedule.

9. No applicator shall use a restricted pesticide unless he is authorized by the Board to use such pesticide or is an employee or agent working under the direct supervision of an authorized person.

Authorization of applicators. 2 of 2002.

10.–(1) The Board shall cause the Registrar to keep in such form as it may from time to time determine,

Duties of the Registrar. 2 of 2002.

- (a) a register to be known as the Register of Pesticides in which shall be entered the name and prescribed particulars of any pesticide registered under this Act;
- (b) a register to be known as the Register of Licences in which shall be entered the name and prescribed particulars of every person licensed under this Act to manufacture or import a registered pesticide;
- (c) a register to be known as the Register of Authorised Persons and Registered Premises in which shall be entered the name and prescribed particulars of

every person licensed under this Act to manufacture or import a restricted pesticide and the prescribed particulars of the premises registered by that person for the purpose of such sale; and

- (d) a register to be known as the Register of Authorised Applicators in which shall be entered the name and prescribed particulars of any person licensed under this Act to handle restricted pesticides.

2 of 2002.

(2) The registers kept pursuant to subsection (1) of this section, shall be open to inspection by any member of the public at all reasonable times and a copy of each register shall be published in the *Gazette* at such times as may be prescribed, except that the yearly publication of the Second, Third and Fourth Schedules to this Act shall be sufficient publication of the Register of Pesticides.

(3) Every application for the registration of a pesticide, for a licence to manufacture or import a registered pesticide, for authorization to sell a restricted pesticide, for registration of the premises in which such restricted pesticide may be sold or for authorization to use restricted pesticides shall be made in the prescribed form and be accompanied by the relevant prescribed fee, and, subject to provisions of this Act, the Board may grant any such application on such terms and conditions as it thinks fit, may refuse any such application, and may at any time after an application has been granted revoke any licence, certificate or authorization issued pursuant to that application.

(4) The Registrar shall issue to every person whose application, made pursuant to this section, is granted, the appropriate licence or certificate of registration or authorization, as the case may require, in the prescribed form.

11. It shall be the duty of the Registrar,

- (a) to remove from any of the registers mentioned in section 10(1) of this Act, any entry which the Board directs him in writing to remove;

Correction of registers.

- (b) to correct in accordance with the Board's directions any entry in any such register which the Board directs him in writing to correct as being in the opinion of the Board an entry which is incorrectly made; and
- (c) to make from time to time any necessary alterations in any prescribed particulars contained in any such registers.

12.-(1) If any person who has obtained any registration, licence or authorization pursuant to this Act is found upon enquiry by the Board to have procured such registration, licence or authorization as the case may be, as a result of any misleading, false or fraudulent representation, the Board may if it thinks fit either suspend that registration, licence or authorization as the case may be, for a period not exceeding one year, or direct the Registrar to delete the relevant entry from the appropriate register.

Suspension and deletion of entry from registers.

(2) The Board may at any time if it thinks just direct any entry which has been deleted from a register pursuant to subsection (1) of this section to be reinstated.

(3) The Board may, as soon as practicable after,

- (a) any registration, licence or authorization has been suspended or deleted from a register; or
- (b) the reinstatement of any registration, licence or authorization which was deleted from a register, cause notice of the appropriate fact to be published in the *Gazette*.

(4) Whenever any registration, licence or authorisation is deleted from a register, the Board may in writing require the person to whom such registration, licence or authorization had been granted to return to the Registrar the relevant certificate or licence, as the case may be, and such person shall comply with that requirement.

PART III

Miscellaneous

Prohibited pesti-
cides.
18 of 1988.

13.—(1) Pesticides not registered as required in section 6 of this Act or listed under section 8 shall be prohibited pesticides and accordingly shall not be brought into or used in Belize,

Provided that the Board may allow a person who has in his possession or control any prohibited pesticide on the date of commencement of this section, or who had contracted to import any prohibited pesticide prior to such commencement, to dispose of such pesticide within a period not exceeding six months of such commencement in such manner as the Board shall direct.

(2) A list of prohibited pesticides is given in the Fourth Schedule to this Act and this Schedule may be amended or replaced from time to time by order, by the Minister in consultation with the Board.

Packaging.

14. No person shall package, label or advertise any pesticide in a manner that is false, misleading or deceptive, is likely to create an erroneous impression regarding its character, value, quantity, composition, merit or safety, or is inconsistent with the information supplied to the Board at the time of the application for registration.

Regulations.

15.—(1) The Minister may, in consultation with the Board, make regulations,

- (a) for the registration of pesticides;
- (b) respecting experimental samples of pesticides and matters relating thereto;
- (c) for the licensing of persons to import, manufacture or sell registered pesticides;
- (d) relating to restricted pesticides, the authorization and the eligibility therefor of persons to sell restricted

- pesticides and the premises in which such pesticides may be sold;
- (e) relating to persons authorised to use restricted chemicals, their employees and any medical or other examination which they may be required to undergo;
 - (f) as respects the labelling, packaging, storage, transportation and use of pesticides;
 - (g) governing the aerial application of pesticides;
 - (h) providing for the keeping of books and records by authorized persons, and by persons licensed under this Act to manufacture or import registered pesticides;
 - (i) relating to the designation of inspectors and official analysts, and the taking and analysing of samples;
 - (j) for matters relating to examination by registered medical practitioners of various persons having contact with pesticides;
 - (k) prescribing that protective clothing be worn and other precautions be taken by persons handling or having contact with particular pesticides or classes thereof and imposing obligations on employers of such persons with respect thereto;
 - (l) prescribing the permissible level of any pesticide or breakdown product thereof, at any specified time, in any kind of plant or animal product intended for consumption by human beings or domestic animals;
 - (m) regulating the periods during which particular pesticides may or may not be used on certain agricultural crops;

- (n) respecting the disposal of pesticides and packages;
- (o) for the protection of persons who may suffer damage as a result of the use, storage, manufacture or packaging of pesticides by others;
- (p) exempting certain substances which may be used as pesticides from the provisions of this Act when being used otherwise than as pesticides;
- (q) prescribing fees and forms in respect of any registration, licence or authorization under this Act;
- (r) for giving further and better effect to the provisions of this Act and prescribing any other matter or thing whether similar to the foregoing or not, which may be or is required by this Act to be prescribed; and
- (s) for regulating the adoption of codes of practice for safe pesticide use and handling.

(2) Any regulation made under subsection (1) of this section, shall be subject to negative resolution of the National Assembly.

Designation of officers.

16. The Minister may from time to time designate any technically qualified person whether by name or by the title of his office to be an inspector or analyst for the purpose of this Act.

Powers of inspector.

17.—(1) An inspector may, in the performance of his functions under this Act or the regulations made thereunder, at any reasonable time enter on land or premises registered for the sale or manufacture of a pesticide,

- (a) on which a pesticide is being, has recently been, or is about to be used, manufactured, sold, packaged or stored;
- (b) on which apparatus and facilities required to be kept by the regulations are kept; or

- (c) which an inspector has reasonable cause to believe to be land or premises mentioned in paragraphs (a) and (b) of this subsection,

Provided that any inspector wishing to enter any premises under the provisions of paragraph (c) of this subsection, shall obtain a warrant from the magistrate or justice of the peace of the judicial district in which the place is situated before he enters such premises.

(2) An inspector may,

- (a) require the production of and inspect, examine and copy registers, records or other documents required to be kept by the regulations;
- (b) make examinations and enquiries to discover whether this Act and the regulations are complied with;
- (c) require any person he finds on land or premises mentioned in subsection (1) of this section to give information to the best of his knowledge as to who is the occupier of that land and who is the employer of workers employed to work thereon;
- (d) seize and detain for such time as may be necessary any article by means of which or in relation to which he reasonably believes any provisions of this Act or the regulations have been contravened.

(3) Where an inspector seizes an article under subsection 2(d) of this section and the owner then consents to its destruction the article shall thereupon be forfeited to the Government and may be destroyed or otherwise disposed of as the Board directs.

(4) An inspector may take samples of articles to which this Act and the regulations apply and submit such samples to an analyst for examination or analysis without paying compensation to the owner.

Certificate of inspection.

18.—(1) Where an inspector or analyst makes an examination or analysis pursuant to section 17 of this Act, he may issue a certificate setting out the result of his examination or analysis as the case may be.

(2) The certificate of an inspector or analyst stating that he has examined or analysed an article or sample for the purpose of this Act and stating the result of his examination or analysis, as the case may be, shall be admissible in evidence in a prosecution under this Act and shall be *prima facie* proof of the statements contained in the certificate, but the party against whom it is produced may require the attendance of the inspector or analyst issuing the certificate for the purpose of cross-examining him.

Penalties.
2 of 2002.

19.—(1) Every person who knowingly,

- (a) contravenes any of the provisions of this Act, or any regulations made thereunder; or
- (b) with intent to deceive,
 - (i) forges or uses or lends to or allows to be used by another person any licence or certificate issued pursuant to this Act; or
 - (ii) makes or has in his possession any documents so closely resembling such licence or certificate as to be calculated to deceive; or
- (c) assaults or obstructs any inspector or other officer designated or appointed as the case may be under this Act, acting in the performance of his functions pursuant to this Act; or
- (d) without proper authority interferes with, or disposes of, any article seized or detained pursuant to section 17(2)(d) of this Act; or

- (e) bribes or attempts to bribe any inspector or other officer designated or appointed as the case may be under this Act, in connection with any matter arising in the performance of any of his functions pursuant to this Act; or
- (f) being an inspector or other officer designated or appointed under this Act as the case may be, accepts or solicits any bribe in connection with any matter arising in the performance of any of his functions pursuant to this Act,

commits an offence and shall be liable on summary conviction before a magistrate to a fine not exceeding five thousand dollars or to imprisonment for a term not exceeding five years or to both such fine and imprisonment.

(2) A prosecution for any offence under subsection (1) of this section, shall be instituted by or on behalf of the Board.

18 of 1988.

20. Any person aggrieved by any decision of the Board may appeal to the Minister against such decision within such time and in such manner as may be prescribed.

Appeals.

FIRST SCHEDULE

PESTICIDES CONTROL ACT

Composition etc., of the Pesticides Control Board

[Section 3]

1.-(1) The Board shall consist of not more than fourteen members appointed by the Minister, of whom,

- (a) four shall be persons nominated by producer associations, there not being more than one member for any one producer association;
- (b) one shall be an officer of the Ministry responsible for Agriculture;
- (c) one shall be an officer of the official body responsible for plant and animal health, nominated by the Managing Director of that body;
- (d) one shall be an officer nominated by the Chief Executive Officer of the Ministry responsible for Health;
- (e) one shall be an officer nominated by the Chief Executive Officer of the Ministry responsible for the Environment;
- (f) six shall be members appointed by the Minister in his discretion from persons with knowledge of agriculture or the field of pesticides.

(2) The Minister shall consider rotating appointments under subparagraph (1)(a) above among the different producer associations in the interests of effectiveness and fairness.

(3) In appointing the members of the Board, the Minister shall consult with any organisation interested in or affected by the control of pesticides.

(4) Members of the Board shall officially appoint alternates for attendance of meetings on their behalf, when necessary, in the case of the inability of such members to attend meetings.

(5) In the case of persons appointed to the Board, other than officers appointed under subparagraph (1)(b), (c), (d) and (e), if a member or his alternate fails to attend three consecutive meetings without good cause, he shall vacate his position on the Board and the Minister shall consider an appointment from another organisation.

2. The appointment of a member shall, subject to the provisions of this Schedule, be for a period not exceeding two years and such member shall be eligible for reappointment.

3. The Minister shall appoint one of the members to be Chairperson thereof.

4. If the Chairperson is unable to act, the Minister may appoint any member to act in the place of the Chairperson.

5.-(1) Any member other than the Chairperson may at any time resign his office by instrument in writing addressed to the Minister and transmitted through the Chairperson and from the date of receipt by the Minister of such instrument that member shall cease to be a member of the Board.

(2) The Chairperson may at any time resign his office by instrument in writing addressed to the Minister and such resignation shall take effect as from the date of receipt by the Minister of that instrument.

6. The Registrar shall be appointed by the Board, subject to approval by the Minister.

7. If any vacancy occurs in the membership such vacancy shall be filled by the appointment of another member by the Minister, and in making such appointment, the Minister shall have regard to the provisions of paragraph 1.

8. The names of all members as first constituted and every change in the membership shall be published in the *Gazette*.
9. The Board may co-opt such persons, whether Government officers or otherwise, to attend particular meetings or parts thereof, as it thinks fit.
10. The funds of the Board shall consist of such monies as may from time to time be placed at its disposition for the purposes of this Act by the National Assembly, and such other monies as may be lawfully paid to the Board.
11. The Board shall keep proper accounts of its receipts, payments, assets and liabilities, and such accounts shall be audited annually by the Auditor-General.
- 12.--(1) The Board shall, not later than three months after the end of each financial year, cause to be made and transmitted to the Minister a report of its activities during the preceding financial year, including a statement of its accounts, audited in accordance with paragraph 11, and the Minister shall cause copies of such report, together with the auditor's report, to be laid on the Tables of the House of Representatives and of the Senate.
- (2) The Board shall, before the date specified by the Minister, submit to the Minister for his approval estimates of revenue and expenditure for the ensuing financial year.
- 13.--(1) The seal of the Board shall be kept in the custody of the Chairperson or the Secretary and shall be affixed to instruments pursuant to a resolution of the Board in the presence of the Chairperson or any other member acting in that capacity and the Secretary.
- (2) The seal of the Board shall be authenticated by the signatures of the Chairperson, or any other member authorized to act in that behalf, and the Secretary.
- (3) All documents other than those required by law to be under seal made by and all decisions of the Board may be signified under the hand

of the Chairperson, or any other member authorized in that behalf, or the Secretary.

14.-(1) The Board shall meet at such times as may be expedient for the transaction of its business and such meetings shall be held at such places and times and on such days as the Board may determine.

(2) The Chairperson or any member acting in that capacity shall preside at all meetings of the Board.

(3) The Chairperson may at any time call a special meeting of the Board and shall call a special meeting within seven days of the receipt of a written requisition for that purpose addressed to him by any three members of the Board.

(4) A quorum of the Board shall be eight.

(5) Minutes in proper form of each meeting of the Board shall be kept.

(6) The validity of the proceedings of the Board shall not be affected by any vacancy amongst the members thereof.

15.-(1) The Board may appoint such committees as it thinks fit, and may delegate to any committee so appointed the power and authority to carry out on its behalf such functions as the Board may determine, so that, however, no committee so appointed shall have the power to make regulations.

(2) The constitution of any committee appointed pursuant to subparagraph (1) shall be determined by the Board.

(3) The validity of the proceedings of a committee appointed pursuant to this paragraph shall not be affected by any vacancy amongst the members thereof.

16.-(1) No member of the Board shall be personally liable for any act or default of the Board done or omitted to be done in good faith in the course of the operations of the Board.

(2) Where any member of the Board is exempt from liability by reason only of the provisions of this paragraph, the Board shall be liable to the extent that it would be if the member were a servant or agent of the Board.

17. There shall be paid from the funds of the Board to the Chairperson and other members of the Board such allowances as the Minister may prescribe.

18. The office of Chairperson or member of the Board shall not be a public office for the purpose of the Constitution of Belize, Cap. 4.

SECOND SCHEDULE

PESTICIDES CONTROL ACT
Registered Pesticides
[Section 6]

COMMON NAMES	LD ₅₀	Uses	PCB Reg. No.
Allethrin	685	I	0002
Ametryne	1,000	H	0003
asulam	2,000	H	0004
atrazine	1,750	H	0005
azamethiphos	1,180	I, A	0250
bacillus thuringiensis	-	I	0006
baits/ attractants	-	K	0007
basic copper sulphate	1,000	F	0008
benomyl	9,950	F	0009
bensulide	770	H	0010
bentazone	1,100	H	0011
bifenthrin	375	I, A	0242
boric acid	-	K	0222
brodifacoum	1.3	R	0012
bromodiolone	11,000	R	0240

COMMON NAMES	LD ₅₀	USES	PCB REG. NO.
bromuconazole	365	F	0258
bupirimate	4,000	F	0013
buprofezin	2,198	I	0237
butachlor	1,740	H	0014
butylate	3,500	H	0015
captafol	2,500	F	0016
captan	9,000	F	0017
carbaryl	250	I	0018
carboxin	3,820	F	0192
chloramben	5,620	H	0019
chlorophacinone	50	R	0199
chloroprotham	3,800	H	0020
chlorothalonil	10,000	F	0021
chlorpyrifos (less than 2% a.i.)	97	I	0093
chlorthal-			
dimethyl	3,000	H	0022
lambda- cyhalothrin	230	I	0023
copper hydroxide	-	F	0024
copper ammonium	-	F	0025

COMMON NAME	LD ₅₀	Us es	PCB Reg. No.
copper oxychloride	1,000	F	0026
coumaphos (less than 2% a.i.)	13	I	0094
coumatetralyl	16.5	R	0027
cuprous oxide	1,500	F	0255
cyfluthrin	590	I	0028
cypermethrin	138	I	0029
dalapon	7,750	H	0030
deltamethrin	135	I	0210
diafenthiuron	2,068	I,A	0256
diazinon (less than 2% a.i.)	76	I	0099
dicamba	2,000	H	0031
dichlormid	2,000	H	0032
dichlorvos (DDVP) (less than 2% a.i.)	56	I	0033
difenacoum	1.8	R	0034
difenoconazole	1,453	F	0257
diphacinone	2.3	R	0200
diphenamide	1,050	H	0035

COMMON NAME	LD 50	Uses	PCB Reg. No.
diuron	437	H	0036
EPTC	2,525	H	0037
ethephon	4,229	H	0235
etridiazole	2,000	F	0038
farnesol & nerolidol	5,000	I	0254
fenbutatin oxide	630	A	0039
fenoxycarb	16,800	I	0232
fenvalerate	450	I	0040
flocoumafen	0.25	R	0193
fluazifop-butyl	3,238	H	0041
flusilazole	1,100	F	0189
fosetyl-A	5,800	F	0042
glyphosate	1,568	H	0043
glyphosate-trimesium	750	H	0245
haloxyfop ethoxyethyl	2,179	H	0234
hexaconazole	2,000	F	0044

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
hexazinone	1,690	H	0045
hydramethlnon	1,131	I	0046
imazapyr	5,000	H	0249
imazethapyr	5,000	H	0248
lime sulphur (calcium) polysulphide)	-	A	0047
linuron	1,500	H	0048
malathion	885	I	0049
metalaxyl	889	F	0050
metaldehyde	630	M	0051
metolachlor	2,780	H	0201
metribuzin	2,200	H	0202
molinat	369	H	0052
napropamide	4,680	H	0053
naptalam	1,770	H	0054
napthalene	2,200	K	0194
nitrofen	2,630	H	0055
norflurazon	8,000	H	0203
oryzalin	10,000	H	0204

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
oxadiazon	800	H	0056
oxyfluorfen	5,000	H	0205
pebulate	1,120	H	0057
pendimethalin	1,350	H	0058
permethrin	200	I	0059
pest barriers	-	K	0211
phoxim	1,145	I	0060
pirimicarb	107	I	0061
pirimiphos-ethyl	140	I	0062
pirimiphos-methyl	2,050	I	0063
profenofos + cypermethrin	358	I	0064
prometryne	5,235	H	0190
propanil	1,285	H	0191
propazine	7,700	H	0065
propiconazole	1,517	F	0066
propineb	8,500	F	0067
propoxur (less than 2% a.i.)	90	I	0068
pyrethrins	1,500	I	0069

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
quinomethionate	2,500	F, A	0070
resmethrin (less than 2% a.i.)	2,500	I	0215
rotenone	132	I	0188
simazine	5,000	H	0071
spray oil	-	F	0072
streptomycin	9,000	B	0073
sulphur	-	F, A	0074
surfactants	-	K	0075
temephos	2,030	I	0076
tetramethrin	5,000	I	0077
thiabendazole	3,100	F	0078
thiobencarb	1,903	H	0079
thiram	560	F	0080
tralomethrin	1,250	I	0206
triadimenol	1,000	F	0207
trichlorphon	450	I	0081
tridemorph	562	F	0082
trifluralin	10,000	H	0083
vernolate	1,500	H	0084
warfarin	1	R	0208

A=acaricide, F=fungicide, H=herbicide, I=insecticide, K-bait, attractant, M=molluscicide, N=nematicide, R=rodenticide, V=avicide, Z=bactericide

THIRD SCHEDULE

PESTICIDES CONTROL ACT

Restricted Pesticides

[Section 8]

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
abamectin	10	I, M	0260
acilfluorfen	1,300	H	0217
alachlor	1,200	H	0001
aldicarb	0.9	I, N	0085
aluminium phosphide	2.8	I, R	0086
amitraz	800	A, I	0211
chromated copper arsenic		F, H, M, I, N, K	0231
azinphos-methyl	5	A, I	
gamma-BHC (less than 1% a.i.)	76	I	0088
bendiocarb	143	I	0089
bensulfuron methyl	5,000	H	0212
bromacil	5,200	H	0209

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
bronopol	180	Z	0223
cadusafos	37	I, N	0108
carbofuran	5.3	I, N	0090
carbophenothion	20	A, I	0091
carbosulfan	209	I, A	0241
chlorfenvinphos	10	I	0092
chlorimuron ethyl	4,000	H	0213
chlorpyrifos	97	A, I	0093
coumaphos	13	A, I	0094
cyanazine	288	H	0218
2, 4-D amine	375	H	0096
2, 4-D ester	375	H	0097
dazomet	519	F, H, N	0252
DDT	87	I	0098
demeton-S-methyl	64	A, I	0095
diazinon	76	I	0099
dichlofluanid	5,000	F	0246

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
dichlorvos	25	I	0033
diflubenzuron	4,640	I	0236
dimethoate	215	A, I, N	0101
diquat	235	H	0238
disulfoton	4	I	0239
DSMA	1,800	H	0230
EPN	26	A, I	0103
ethion	208	A, I	0104
ethoprophos	34	I, N	0105
fenamiphos	8	N	0106
fenitrothion	800	A, I	0107
fenthion	190	A, I	0195
fluometuron	8,900	H	0224
fomesafen	1,500	H	0216
fonofos	3	I	0109
imazalil	343	F	0251
amidacloprid	450	I	0247

COMMON NAME	LD ₅₀	Uses	PCB Reg. No.
ioxynil	110	H	0110
isazofos	40	I, N	0259
kasugamycin	22	F	0196
magnesium phosphide	2.8	I, R	0111
mancozeb	8,000	F	0112
maneb	6,750	F	0197
mepiquat chloride	1,420	H	0228
methamidophos	7.5	A, I	0113
metham sodium	820	F, H, I	0114
methomyl	17	I	0115
metsulfuron methyl	5,000	H	0214
mirex	230	I	0116
monocrotophos	8	A, I	0117
monosodium	700	H	0229
nicosulfuron	5,000	H	0244
omethoate	50	A, I	0118
oxamyl	5.4	A, I, N	0119
oxydemeton-dimethyl	65	A, I	0198

COMMON NAME	LD 50	Uses	PCB Reg. No.
paraquat	57	H	0120
parathion-methyl	6	A, I	0121
pentachlorophenol	50	F, I, H	0122
picloram	3,750	H	0123
prochloraz	1,600	F	0233
propoxur	83	I	0068
quinclorac	4,120	H	0253
quizalofop-ethyl	1,670	H	0214
resmethrin	2,500	I	0215
strychnine	1	R	0215
sulfometuron methyl	5,000	H	0220
terbufos	4.5	I, N	0243
thidiazuron	4,000	H	0227
thiodicarb	166	I	0225
tribuphos	1,272	H	0226
vamidotion	64	A, I	0126
zineb	5,200	F	0127

A=acaricide, F=fungicide, H=herbicide, I=insecticide, K=bait, attractant, M=molluscicide, N=nematicide, R=rodenticide, V=avicide, Z=bactericide.

FOURTH SCHEDULE

PESTICIDES CONTROL ACT

Prohibited Pesticides

[Section 13]

COMMON NAME	LD ₅₀	Uses	Remarks	PCB Reg. No.
acrylonitrile		I, N	Highly toxic acid used with CC14, a carcinogen and mutagen.	0128
aldrin	39	I	Environmental pollutant; suspected carcinogen.	0130
antu	6	R, K	Insufficient toxicological data on non-target organisms.	0131
arsenicals		F, H, I M, N, K	environmental pollutants; carcinogenic	0132
az inphos-ethyl	9	A, I	Highly toxic	0133

COMMON NAME	LD 50	Uses	Remarks	PCB Reg. No.
g a m m a - BHC (except with prescription for formulation containing less than 1% a.i.)	76	I	Chlorinated hydrocarbon; environmental pollutant.	0134
carbon di-sulphide	300	I, N	Hazardous by explosion of gas-forming liquid, uses CC14, a carcinogen.	0135
chlordane	283	I	Chlorinated hydrocarbon; environmental pollutant; alternatives available for termite control.	0136
chlodecone	95	I	Environmental pollutant; suspected carcinogen and teratogen.	0137
chloropicrin	250	F, I, N	Tear gas; extremely toxic and irritating to skin, eyes and respiratory tract.	0138
cycloheximide	2	F	Extremely toxic; use not warranted.	0139
cyhexatin	540	A	Foetotoxicity, teratogenicity.	0140

COMMON NAME	LD ₅₀	Uses	Remarks	PCB Reg. No.
2, 4 -DB	700	H	Has been implicated with dioxin contamination; an environmental pollutant and suspected carcinogen.	0141
damephion		I	Insufficient toxicological data available; suspected carcinogen.	0142
demeton (demeton-0 + demeton-S	1.7	A, I	Extremely toxic.	0143
dibromo- chloropro- pane	170	N	A potent carcinogen; mutagenic.	0144
dichlorprop (2, 4-DP)	800	H	Environmental pollutant; has been implicated with dioxin contamination.	0145
dicofol	684	A, F	Chlorinated hydrocarbon; environmental pollutant.	0146
dicrotophos	17	A, I	Use not justified.	0147

COMMON NAME	LD₅₀	Uses	Remarks	PCB Reg. No.
dieldrin	46	I	Environmental pollutant and suspected carcinogen.	0148
dimefox	2	A, I	Extremely toxic; use not warranted.	0149
dimethoate	215	A, I, N	All formulations except EC	0150
dinoseb	58	H	Suspected carcinogen.	0102
dinoterb	62	H	Too toxic for a herbicide; there are many safer ones.	0151
dinoterb acetate	42	H	Highly toxic.	0152
di-trapex	175	F, I, N, Z	Mixed with a suspected carcinogen (CC14); an environmental pollutant.	0154
DNOC	20	F, H, I	Strongly phytotoxic.	0155
Endosulfan	30	A, I	Very toxic to fish and mammals; no antidote available.	0156

COMMON NAME	LD ₅₀	Uses	Remarks	PCB Reg. No.
endrin	7.5	I	Environmental pollutant; extreme toxicity; suspected carcinogen and teratogen.	0157
ethylene dibromide (EDB)	146	I, N	Suspected carcinogen.	0158
ethylene dichloride (EDB)	670	I	Mixed with CC14, a carcinogen.	0159
ethylene oxide (epoxyethane)	50	I	Major fire and inhalation hazard.	0160
fensulfothion	2	I, N	Extremely toxic, use not warranted.	0161
fluenetil	6	A	Product discontinued.	0162
heptachlor	47	I	Environmental pollutant; carcinogenic	0163
mecarban	36	A, I	Discontinued.	0165
medinoterb acetate	42	H	Too toxic for use as a herbicide, alternatives available.	0166
MEMC	22	F	Mercury compound; environmental pollutant.	0167

COMMON NAME	LD₅₀	Uses	Remarks	PCB Reg. No.
mercuric chloride	1	F, I	Mercury compound; environmental pollutant.	0168
methoxy-cholr	5,000	I	Environmental pollutant.	0169
methyl bromide	200	F, H, I, N	Highly toxic to man; mixed with chlorinated hydrocarbons; difficult to detect.	0170
mevinphos	3	I, N	Extremely toxic.	0171
mexacarbate	19	A, I, M	Too toxic; alternatives available.	0172
parathion-ethyl	2	A, I, V	Extremely and acutely toxic; use not warranted.	0173
PCNB (quintozene)	15,000	F	Environmental pollutant.	0174
phenylmercury acetate	22	F	Mercury compound; environmental pollutant.	0175
phorate	2	I	Extremely and acutely toxic.	0176

COMMON NAME	LD ₅₀	Uses	Remarks	PCB No.	Reg.
phosacetim	3.7	R	Extremely toxic; home use not justified.	0177	
phosphoamidon	17	A, I	Highly toxic.	0178	
schradan	9	A, I	Extremely toxic.	0179	
sodium fluoroacetate	0.22	R	Extremely and acutely toxic.	0180	
sulfotep	1.2	A, I	Extremely toxic.	0181	
2, 4, 5-T	500	H	Environmental pollutant; oncogenicity; teratogenicity; carcinogenicity due to dioxin contamination.	0182	
thallium sulphate	16	R	Too toxic for use.	0183	
thionazin	12	I, N	Product discontinued.	0184	
toxaphene (camph-echlor)	40	A, I	Environmental pollutant.	0185	

COMMON NAME	LD₅₀	Uses	Remarks	PCB Reg. No.
2, 4, 5 - Trichlorophenol	3,000	F, N, Z	foetotoxicity, oncogenicity due to dioxin contamination.	0186
zinc phosphide	46	R	Too toxic for home use; no antidote.	0187

A = acaricide, F = fungicide, H = herbicide, I = insecticide, K = bait, attractant, M = molluscicide, N = nematicide, R = rodenticide, V = avicide, Z = bactericide.