



BELIZE

PESTICIDES CONTROL ACT CHAPTER 216

REVISED EDITION 2020

SHOWING THE SUBSIDIARY LAWS AS AT 31ST DECEMBER, 2020

This is a revised edition of the Subsidiary Laws, prepared by the Law Revision Commissioner under the authority of the Law Revision Act, Chapter 3 of the Substantive Laws of Belize, Revised Edition 2020.

This edition contains a consolidation of the following laws—

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CHAPTER 216

**REGISTERED AND RESTRICTED PESTICIDES (USES,
RESTRICTIONS AND PRECAUTIONS) REGULATIONS**

ARRANGEMENT OF REGULATIONS

1. Short title.
2. Interpretation.
3. Directions on use.
4. Uses, restrictions, etc., in Schedule to be followed.

SCHEDULE

CHAPTER 216

77 of 1990.
CAP. 216.
R.E. 2020.

**REGISTERED AND RESTRICTED PESTICIDES (USES,
RESTRICTIONS AND PRECAUTIONS) REGULATIONS**

(Section 15)

[14th July, 1990.]

Short title.

1. These Regulations may be cited as the—

**REGISTERED AND RESTRICTED PESTICIDES
(USES, RESTRICTIONS AND PRECAUTIONS)
REGULATIONS.**

Interpretation.

2. In these Regulations, unless the context otherwise requires—

“pre-harvest interval” means the period before harvest of a crop when no pesticide should be sprayed;

“withholding period” means the length of time after spraying a crop during which livestock should be withheld.

Direction on use.

3. Registered and restricted pesticides shall be used according to general directions given in the label, and special attention shall be paid to necessary protective clothing and to the pre-harvest interval and withholding period.

Uses,
restrictions, etc.,
in Schedule to be
followed.
Schedule.

4. The uses restrictions and precautions as shown in the Schedule annexed hereto shall apply to restricted pesticides listed in Schedule III to the Pesticides Control Act.

MADE by the Minister of Agriculture and Fisheries this 7th day of March, 1990.

(MICHAEL ESPAT)

Minister of Agriculture and Fisheries

SCHEDULE

[Regulation 4]

Pesticide	LD %	Uses ¹	Uses, Restrictions and Precautions	No.
acilfluorofen (e.g. Blazer)	1300	H	Post-emergence broadleaf and grassy weed control.	0217
alachlor (e.g. Lasso)	1200	H	Selective pre-emergence herbicide. Precautions required in handling.	0001
aioicarb, granular formulations only (e.g. Temik)	0.9	IN	For use in citrus nurseries and young citrus groves only.	0085
aluminium phosphide (e.g. Phostoxin, Gastoxin, Celphos)	2.8	IR	For fumigation or grain bins.	0086
amitraz (e.g. Tactic)	800	AI	For veterinary use only.	0211
arsenicals	-	FHIMNK	For use in the chromated copper arsenic process of pole treatment only, and only after consultation with the Pesticides Control Board.	0231
*azinphos-aethyl (e.g. Guthlon)	5	AI	For use on agricultural crops only.	0087
gamma-BHC formulations containing less than 1.0% a.i.	76	I	For veterinary and medical use under prescription.	0088
bendiocarb (e.g. Ficam)	143	I	For use in control of household pests by certified applicators.	0089
bensulfuron methyl (e.g. Londax)	>5000	H	For use in flooded paddy-rice fields.	0212
bromacil (e.g. Krovar, Hyvar X)	5200	H	For use in citrus only.	0209
bronopol (e.g. Bronotak)	180	Z	For use in cotton only.	0223
Carbofuran (e.g. Curaterr, Furadan)	5.3	IN	For use as a soil applied insecticide and nematicide only.	0090
carbophenothion	20	AI	For veterinary purposes in control of cattle ticks.	0091

Pesticide	LD %	Uses ¹	Uses, Restrictions and Precautions	No.
chlorfenvinphos	10	I	For use as a soil insecticide only. All other uses must first be approved by the Pesticides Control Board.	0092
chlorimuron ethyl (e.g. Classic)	>4000	H	For post-emergence use in soybeans.	0213
* chlorpyrifos except in approved products containing less than 2% a.i. (e.g. Lorsban Dursban)	97	AI	For use by certified applicators for control of household pests and termites and in veterinary and agronomic practice.	0093
coumaphos except in approved products containing less than 2% a.i. (e.g. Asuntol, Co-Ral)	13	AI	For use as livestock insecticide/ acaricide, and with domestic animals under veterinary advice.	0094
cyanazine (e.g. Bladex)	288	H	For pre-emergence use in corn and sorghum.	0218
demetol-S-methyl (e.g. Metasystox)	64	AI	For use in agronomic crops only.	0095
2, 4-D amine	375	H	For use in agricultural crops as a broad leaf herbicide; by ground application only.	0096
2, 4-D ester	375	H	For use in pastures only. Danger of damage to other crops by drift.	0097
DDT	87	I	For use only by Public Health Officials.	0098
diazinon except in approved products containing less than 2% a.i. (e.g. Diazinon, Spectracide)	76	I	For agricultural use and by registered applicators for control of household insects.	0099
* dichlorvos (DDVP) except in approved products containing less than 2% a.i. (e.g. Vapona)	25	I	Veterinary and household use by certified applicators.	0033
* dimethoate EC formulations only (e.g. Cygon)	215	AIN	For agricultural use.	0101
DSMA	1800	H	For use only in cotton. Wear goggles or face shield, rubber or neoprene gloves, rubber apron.	0230

Pesticide	LD %	Uses¹	Uses, Restrictions and Precautions	No.
* EPN	26	AI	For agronomic crops only.	0103
ethlon	208	AI	For control of citrus mites and scales, and Boophilus sp. in cattle.	0104
ethoprophos (ethoprop) (e.g. Mocap)	34	IN	For use as a soil insecticide/nematicide only.	0105
* fenamiphos (e.g. Nemacur)	8	N	For control of nematodes in agricultural crops only.	0106
fenitrothion (e.g. Folithion)	800	AI	For agricultural and Public Health use only.	0107
fenithion (e.g. Tiguvon)	190	AI	For agricultural and veterinary use only.	0195
Fluometuron (e.g. Cotoran)	8900	H	For use only in cotton. Wear protective clothing.	0224
FHC 67825 (e.g. Rugby)	37	IN	For use as a soil applied insecticide/nematicide.	0108
fomesafen (e.g. Flex)	1500	H	For selective control of broad leaf weeds.	0216
fonofos (e.g. Dyfonate)	3	I	For use as a soil insecticide only.	0109
ioxynil (e.g. Actril)	110	H	For use in agricultural crops as a broad leaf herbicide; by ground application only.	0110
Kasugamycin (e.g. Kasumin)	22	F	Anti-fungal antibiotic for control of rice blast only.	0196
magnesium phosphide (e.g. Magtoxin)	2.8	IR	For fumigation of grain bins.	0111
mancozeo (e.g. Manzate 200, Dithane M-45)	>8000	F	Breakdown product harmful; toxic to fish; for use only as directed.	0112
maneb (usually in combinations)	6750	F	Breakdown product harmful; toxic to fish; for use only as directed.	0197

Pesticide	LD %	Uses ¹	Uses, Restrictions and Precautions	No.
mepiquat-chloride (e.g. Pix)	1420	H	For use as a defoliator only in cotton. Use hat, long sleeves, trousers, gloves and goggles.	0228
* methamidophos (e.g. Tamaron, Monitor)	7.5	AI	For use on agricultural crops only.	0113
metham studio (e.g. Vapam)	820	FHIN	Restricted for use as a soil fumigant.	0114
methomyl (e.g. Lannate)	17	I	For use in agronomic practice only.	0115
metsulfuron methyl (e.g. Ally)	>5000	H	For use in graminaceous crops.	0214
mirex (perchlordecone, dechlorane)	230	I	For control of leaf-cutting ants by localized application in anti-bait formulations only. Environmentally hazardous; alternatives being sought.	0116
* monocrotophos (e.g. Nuvacron, Azodrin)	8	AI	For agronomic crops and commercial ornamentals only.	0117
monosodium methanearsonate (e.g. MSMA)	700	H	For use only in cotton. Wear long sleeves, trousers, impermeable gloves and boots when handling or applying.	0229
omethoate (e.g. Folimat)	50	AI	For agricultural use only where dimethoate EC not applicable.	0118
oxamyl (e.g. Vydate)	5.4	AIN	For use in agronomic crops and commercial ornamentals only.	0119
oxydemeton-dimethyl (e.g. Metasystox R)	65	AI	For use in agronomic crops only.	0198
paraquat (e.g. Gramazone, Proquat)	37	H	No antidote available. Restricted to ground application for weed control; other uses must first be approved by Pesticides Control Board.	0120
* parathion-methyl (e.g. Folidol M)	6	AI	For use in approved agronomic practices only.	0121

Pesticide	LD %	Uses¹	Uses, Restrictions and Precautions	No.
pentachlorophenol (PCP)	50	FIH	For wood preservation purposes only by approved and certified establishments and personnel.	0122
picroram (e.g. Tordon)	3750	H	Restricted to bush control in non-crop areas except pasture.	0123
propoxur except in approved products containing less than 2% a.i. (e.g. Baygon, Uden)	83	I	For certified applicators using strong formulations for household use.	0068
quizalofop-ethyl (e.g. Assure)	1670	H	For weed control in broad leaf crops.	0214
* resmethrin except in approved products containing less than 2% a.i. (e.g. Ultrakill)	>2500	I	For Public Health use only.	0215
strychnine	1	R	For use by Public Health Officials for approved purposes.	0125
sulfometuron methyl (e.g. Oust)	>5000	H	For non-crop use, i.e., for use on roadsides, industrial, etc.	0220
thidiazuron (e.g. Dropp)	>4000	H	For use as a defoliant only in cotton. Use face mask or goggles, dust respirator, rubber gloves.	0227
thiodicarb (e.g. Larvin)	66	I	For use only in cotton.	0225
tribuphos (e.g. Folex)	1272	H	For use as defoliant only in cotton. Use hat, long sleeved shirt, trousers for applying. Rubber or neoprene gloves for mixers and loaders.	0226
vamidothion (e.g. Kilval)	64	AI	For use in agricultural crops only.	0126
zineb (e.g. Dithane Z-78)	>5200	F	Breakdown product harmful; toxic to fish; for use only as directed.	0127

* Normally used formulation highly toxic to bees.

¹ A=acaricide, F=fungicide, H=herbicide, I=insecticide, K=bait, M=molluscicide, N=nematicide, R=rodenticide, V=avicide, Z=bactericide.

CHAPTER 216

**REGISTERED AND RESTRICTED PESTICIDES
(MANUFACTURE, IMPORTS AND SALE)
REGULATIONS**

ARRANGEMENT OF REGULATIONS

1. Short title.
2. Interpretation.
3. Licence to sell, manufacture or import a registered pesticide.
4. Fees for sale, manufacture or import of a pesticide.
5. Authorisation to sell restricted pesticide.
6. Procedure for dealing with application.
7. Appeal.
8. Publication of a copy of Registers kept under section 10(1) of the Act.
9. Penalty.
10. Storage.
11. *Repealed.*
12. Particulars to be entered in the Registers.
13. Certification of imports.

SCHEDULE

CHAPTER 216**REGISTERED AND RESTRICTED PESTICIDES
(MANUFACTURE, IMPORT AND SALE)
REGULATIONS**

8 of 1989.
77 of 1995.
30 of 1996.
Ch. 181B.
CAP. 216.
R.E. 2020.

*(Section 15)**[14th January, 1989]*

Short title.

1. These Regulations may be cited as the—**REGISTERED AND RESTRICTED PESTICIDES
(MANUFACTURE, IMPORT AND SALE)
REGULATIONS.**

Interpretation.

2.—(1) In these Regulations, unless the context otherwise requires—

CAP. 216.

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

“Form” means the Form annexed to these Regulations;

30 of 1996.

“import licence” means a licence for the importation of pesticides;

“Registrar” means the Registrar of the Board.

(2) Words and expressions used in these Regulations and not defined but defined in the Pesticides Control Act, shall have the meanings respectively assigned to them in that Act.

Licence to sell,
manufacture or
import a
registered
pesticide.

3. Any person wishing to sell a registered pesticide, or manufacture or import any pesticide, shall send an application to the Registrar in Form 1.

4.—(1) The following fees shall be payable for manufacture or import of registered or restricted pesticides, or for sale of registered pesticides, or for authorisation to sell restricted pesticides—

Fees for sale, manufacture or import of a pesticide.

(a) sales of registered pesticides approved by the Board for domestic use (containing less than two percent active ingredient)
.....\$25 *per annum*;

(b) sale of other registered pesticides or authorisation to sell restricted pesticides
.....\$100 *per annum*;

(c) manufacture of pesticides\$250 *per annum*;

(d) importation of pesticides—

30 of 1996.

I. Value of imports less than \$1000.00... \$25.00

II. Value of imports

\$1001.00-

\$2500.00..... \$50.00

III. Value of imports

\$2501.00-\$4000.00.....\$75.00

IV. Value of imports

\$4001.00-\$5000.00.....\$100.00

V. Value of imports of \$5001.00 or more ..2% CIF value.

(2) A licence issued under these Regulations shall not be of less than one year's duration.

5. Any person wishing to sell restricted pesticides shall send an application to the Secretary in Form I for authorisation to sell the same.

Authorisation to sell restricted pesticide.

6. Every application received under regulations 3 and 5 shall be placed by the Registrar before the Board and after making such enquiry as it thinks fit, may grant a licence in Form II,

Procedure for dealing with application.

provided that if the Board refuses to grant the licence, it shall convey to the applicant reasons for such refusal and shall also refund to the applicant the fee paid by him.

Appeal.

7. Any person aggrieved by the decision of the Board may appeal to the Minister within thirty days of the receipt of the communication, referred to in the *proviso* to regulation 6, and the decision of the Minister shall be final.

Publication of a copy of Registers kept under section 10 (1) of the Act.

8. The Registrar shall cause to be published in the *Gazette* in the month of February each year a copy of each Register kept by him pursuant to section 10 (1) of the Pesticides Control Act.

Penalty.

9. Every person who knowingly contravenes the provisions of these Regulations shall be guilty of an offence and shall be liable on summary conviction to a fine not exceeding \$1,000 or to imprisonment for a term not exceeding twelve months or to both such fine and imprisonment.

Storage.

10.—(1) Pesticides other than those approved by the Board for domestic use (containing less than two *per cent* active ingredient) shall not be stored in or sold from the same premises as food for human consumption by any licensee.

(2) Every licensee shall keep pesticides approved for domestic use separate from food storage and display areas.

77 of 1995.

11. Repealed.

Particulars to be entered in the Registers.

12. The particulars to be entered in the Registers maintained by the Registrar under section 10 (1) of the Pesticides Control Act shall be as given in Forms III, IV and V.

Certification of imports.

13. A person wishing to import a consignment of pesticides shall present to the Customs Officer a certificate in Form VI signed by any person authorised in that behalf by the Board, stating that the pesticides listed in the Customs Entry Form are permitted or prohibited under the Pesticides Control Act, and that the importer has a valid licence to import the permitted pesticides.

SCHEDULE

FORM I¹*[Regulations 3 and 5]*

APPLICATION FOR LICENCE TO HANDLE PESTICIDES

To: Registrar, Pesticides Control Board
Central Farm, Cayo District, Belize, C.A.

Name of importer/manufacturer/seller:*

Business Address:

Nature of facilities:*
(for importation or manufacture)

Nature of Business:*
(for sale of restricted pesticides)

Facilities for storage and display:*
(for sale of restricted pesticides)

State pesticides and amount to be imported:

State total value of pesticides imported:

Fee(s) included: IMPORTATION* –

Value of imports less than \$1000	\$25
Value of imports \$1001 - \$2500	\$50
Value of imports \$2501 - \$4000	\$75
Value of imports \$4001 - \$5000	\$100
Value of imports more than \$5000	2% CIF Value

¹ This Form was inserted by S.I. 30 of 1996.

*Manufacture.....\$250

*Sale –

Domestic use only.....\$25

Other pesticides.....\$100

TOTAL

Date of Application: Signature of Applicant.....

* Delete as appropriate

For Board use only.

FORM II¹
[Regulation 6]

PESTICIDES CONTROL BOARD
BELIZE, CA.

Licence Number: _____ Date: _____

This is to certify that _____
of _____

is licensed, to *import/manufacture/sell *registered/restricted
pesticides and has paid the appropriate fee(s).

Valid for importation of one shipment only.

Valid from _____ to _____

Registrar

¹ This Form was inserted by S.I. 30 of 1996.

* Delete as appropriate.

FORM III
[Regulation 12]

REGISTER OF PESTICIDES

Accepted common name:

Alternative common name(s):

Chemical name (IUPAC):

Trade name(s) and formulations:

Uses:

Toxicity to mammals:

Other hazards:

Withholding period:

PCB Registration No.:

FORM IV
[Regulation 12]

REGISTER OF LICENCES

Name of licence holder	Business address	Nature of facilities or business	Date of expiry of licence

FORM V*[Regulation 12]***REGISTER OF AUTHORISED PERSONS AND
REGISTERED PREMISES**

Name of authorised person	Business address	Nature of business	Particulars of facilities for storage and display

FORM VI

[Regulation 13]

Date:

CERTIFICATE NUMBER:

This is to certify that

of
is a holder of a valid licence to import pesticides and that the
following pesticides listed on Customs Entry Form dated
..... and corresponding to Bill of Lading
(BOL) or Air Waybill (AWB) No are
permitted or prohibited in Belize under the Pesticides Control
Act.

Permitted Pesticides:

Prohibited Pesticides:

.....
(Signed)

.....
(Position)

CHAPTER 216**REGISTERED AND RESTRICTED PESTICIDES
(REGISTRATION) REGULATIONS****ARRANGEMENT OF REGULATIONS**

1. Short title.
2. Interpretation.
3. Application for registration.
4. Name on Registration.
5. Data to accompany the application.
6. Experimental samples.
7. Registration fees.
8. Duration of licences.
9. Granting of licences.
10. Provisional registration.
11. Importation of unavailable pesticides.
12. Cancellation of registration.
13. Appeals.
14. Penalties.
15. *Repeal.*
16. Commencement.

SCHEDULE I

SCHEDULE II

SCHEDULE III

CHAPTER 216**REGISTERED AND RESTRICTED PESTICIDES
(REGISTRATION) REGULATIONS**

77 of 1995.
Ch. 181B.
CAP. 216.
R.E. 2020.
18 of 2003.

(Section 15)

[8th July, 1995.]

Short title.

1. These Regulations may be cited as the—

**REGISTERED AND RESTRICTED PESTICIDES
(REGISTRATION) REGULATIONS.**

Interpretation

2.—(1) In these Regulations, unless the context otherwise requires—

CAP. 216.

“Act” means the Pesticides Control Act;

“active ingredient” means the biologically active part of the pesticide present in a formulation;

“certificate of registration” means a certificate showing that a pesticide has been duly registered in Belize;

18 of 2003.

“domestic use pesticide” means a general use pesticide intended for use in and around the house and home garden, sold in retail outlets selling groceries and household goods under a licence for that purpose issued by the Board;

“form” means the form(s) annexed to these regulations;

“formulation” means the combination of various ingredients in a pesticide as purchased by users designed to render it useful and effective for the purpose claimed;

18 of 2003.

“full registration” means registration of a pesticide by trade name and formulation according to regulation 4 and in

accordance with the data requirements of regulation 5 of these regulations;

18 of 2003.

“harmonized regional guidelines” means those guidelines, relevant to pesticides control, harmonized for implementation in the region of Central America;

“label” means the written printed or graphic matter on, or attached to, the product;

“logo” means a device or trademark used by a manufacturer to designate a product or range of products;

“minor-use authorization” means the authorization granted by the Board for the importation and use of a locally unavailable pesticide in a specified amount by a specific individual or company;

18 of 2003.

“pest exterminator” means a person or company contracted or employed to control pests infesting or causing damage to buildings or premises that may be dwellings, places of work, industrial premises or storage facilities and who may have to take action to control such pests in the immediate vicinity of affected buildings;

18 of 2003.

“pictogram” means a symbol which conveys a message such as a warning or advice on safe handling, without the use of words, and can be understood by people of different cultures and levels of literacy;

“product” means the pesticide in the form in which it is packaged and sold;

“summary details” means trade name, formulation, active ingredients and user-oriented information of pesticides submitted for registration;

18 of 2003.

“synergist” is an ingredient that improves the performance of an active ingredient but is in itself not a pesticide;

- 18 of 2003. “trade applicator” means a person engaged in the use of pesticides as a trade or profession, and who has been certified by the Board as such;
- “trade name” means the name under which the pesticide is registered, packaged and sold by the manufacturer and which can be used exclusively by the manufacturer to distinguish the product from other pesticides containing the same active ingredient.
- CAP. 216. (2) Words and expressions used in these Regulations and not defined herein but defined in the Act shall have the meanings respectively assigned to them in that Act.
- Application for registration.
Form I **3.** Any person wishing to register, re-register or renew the registration of a pesticide, shall send an application to the Registrar in Form I annexed to these Regulations, together with the fees specified in regulation 7.
- Name on registration. **4.** A pesticide shall be registered according to the trade name and formulation of each product.
- Data to accompany the application.
Schedule I. **5.**—(1) The chemical, toxicological and environmental data that must accompany any application for registration are given in Schedule I to these Regulations.
- Schedule II. (2) Any person wishing to register any pesticide must submit details of the labels of packaging according to requirements set out in Schedule II, including seven copies of the proposed label, for approval by the Board.
- 18 of 2003. (3) The registration of the domestic use pesticides is exempt from the requirements in subregulations (1) and (2) above.
- Schedule III. (4) Applications for registration of domestic use pesticides are to be accompanied by the data specified in Schedule III.
- Experimental samples. **6.**—(1) A person wishing to import pesticides not registered in the Register of Pesticides for use as experimental samples shall

apply for written authorization from the Board, giving details of the pesticide, purpose of the experiment, institution or company by which the experiment will be carried out, experimental protocol, quantity of pesticide to be imported, nature and location of the facilities to be used, and paying the appropriate fees specified in regulation 7.

(2) Experiments using experimental samples shall be monitored by technicians from the Board. All costs, involving transportation, boarding and lodging incurred by the technicians, will be paid by the person or company in charge of the experiment.

7. The following fee(s) shall be payable for registration of a pesticide—

Registration fees.
18 of 2003.

- (a) non-refundable application fee for full or provisional registration of a pesticide.....\$300.00
- (b) full or provisional registration of a pesticide.....\$700.00
- (c) re-registration of a pesticide already in the Register of Pesticides.....\$700.00
- (d) registration of domestic use pesticide.....\$200.00
- (e) re-registration of domestic use pesticide.....\$100.00
- (f) experimental permit.....\$100.00
- (g) minor use authorization (Agricultural/Industrial).....\$100.00
- (h) minor use authorization (Domestic).....\$25.00
- (i) re-issue of Registration Certificate.....\$25.00

8.—(1) A Certificate of Registration issued under these regulations shall not be of more than five years' duration.

Duration of
licence.

(2) Applications for re-registration of a pesticide must be submitted within three months of the expiry date and shall be

18 of 2003.

accompanied by any additional data that may be required by the Board.

(3) If an application for re-registration of a pesticide is not submitted by the date of expiry, the application shall be presumed to be a new application and must fulfil all requirements as they pertain to full registration.

Granting of
licences.

Form II

9.—(1) Every application received under regulation 3 shall be placed by the Registrar before the Board and the Board may, after making such enquiry as it deems fit, register the pesticide and grant a Licence in Form II, either as a Registered Pesticide or as a Restricted Pesticide, in accordance with the Act.

(2) The Board reserves the right to require the applicant to furnish additional information before making a decision.

18 of 2003.

(3)

- (a) The name and address of the applicant and summary details of the pesticide for every registration of a pesticide shall be published in two consecutive issues of the *Gazette* prior to the granting of a Certificate of Registration by the Board.
- (b) A period of three weeks shall be allocated for third parties to submit objections to the registration of a pesticide and any objections should state the scientific reasons and grounds for the objections, stating precisely and clearly the points objected.
- (c) After notification of the objection, the interested party shall be granted a period of fifteen days to respond to the objection, after which the Board is to arrive at a final decision in regard to the registration of the pesticide in question.

- (d) On receipt of an objection in writing to the registration of a pesticide, the Board reserves the right to grant provisional registration for a period not exceeding one year in accordance with regulation 10, pending investigation of the objection.

(4) A trade applicator, pest exterminator, or other pesticide user who wishes to register a pesticide for his own use but cannot meet the requirements of regulation 5 may apply for minor-use authorization by submitting the following—

18 of 2003.

- (a) summary details of the product;
- (b) description of pest problem and reasons why pesticides already registered are not suitable;
- (c) quantity of pesticide required; and
- (d) a sample of the label and other user oriented information of the product he wishes to use.

(5) In the case of minor-use authorization granted on an application under subregulation (4) above—

18 of 2003.

- (a) the product will only be used by the person concerned and will not be sold or otherwise alienated;
- (b) the authorization shall be valid for one consignment only;
- (c) the product must be registered in the country of origin.

10.—(1) Where the Board is not fully satisfied that a pesticide shall be granted full registration, it may grant provisional registration for a period not exceeding one year, provided that it is satisfied that—

Provisional
registration.
18 of 2003.

- (a) the pesticide does not pose unreasonable adverse effects to health and the environment;
- (b) the product is appropriately formulated for use;
- (c) the product is of adequate quality;
- (d) the product may be used safely in Belize under such conditions as the Board may specify;
- (e) products available in Belize under full registration above are not suitable for the purpose specified;
- (f) the appropriate fee has been paid.

(2) In the case of provisional registration granted after an objection, the pesticide may be granted full registration at or before the expiry date, provided the Board is satisfied that the pesticide should be registered.

Importation of
unavailable
pesticides.
18 of 2003.

11. The Minister of Agriculture may, after consultation with the Board, under conditions of emergency, authorise the importation and use of a pesticide not registered in the country, provided that there is no alternative among locally registered products.

Cancellation of
registration.

12. If, after a pesticide has been registered, it comes to the knowledge of the Board that the registration was procured by false or misleading information or the concealment of material facts, the Board may cancel the registration with immediate effect.

Appeals.

13. Any person aggrieved by a decision of the Board may appeal to the Minister within 30 days of the receipt of the decision, and the Minister's determination thereon shall be final.

Penalties.

14. Any person who knowingly contravenes the provisions of these Regulations shall be guilty of an offence and shall be liable on summary conviction to a fine not exceeding one thousand dollars or to imprisonment for a term not exceeding twelve months or to both such fine and imprisonment.

15. Regulation 11 of the Registered and Restricted Pesticides (Manufacture, Import and Sale) Regulations is hereby repealed.

Repeal.

16.—(1) These Regulations shall come into effect on the 1st of August, 1995.

Commencement.

(2) On the date of commencement of these Regulations, the Minister shall publish Schedules of Registered and Restricted Pesticides as well as of pesticides which are prohibited under the Act.

MADE by the Minister of Agriculture and Fisheries, this 3rd day of July, 1995.

(RUSSEL GARCIA)

Minister of Agriculture and Fisheries Repeal. Commencement.

SCHEDULE I¹*[Regulation 5(1)]***DATA REQUIRED FOR THE REGISTRATION OF
PESTICIDES****For technical grade pesticides (six copies in English)****1. IDENTITY**

- 1.1 Trade name.
- 1.2 Manufacturer, country of origin and source.
- 1.3 Common name: proposed or accepted by ISO.
- 1.4 Synonyms.
- 1.5 Chemical name as proposed or accepted by IUPAC or, in its absence, by another internationally recognized organization.
- 1.6 Empirical formula and molecular weight.
- 1.7 Structural formula.
- 1.8 Chemical family.
- 1.9 Degree of Purity (Concentration of the Active Ingredient).
- 1.10 Isomers (when applicable).
- 1.11 Outstanding and non-outstanding impurities at concentrations above 1g x Kg of technical material.

¹ This Schedule was inserted by S.I. 18 of 2003.

1.12 Additives (identify when applicable).

2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Appearance.

2.1.1 Physical state.

2.1.2 Colour.

2.1.3 Odor.

2.2 Melting point in °C, when applicable.

2.3 Boiling point.

2.4 Density.

2.5 Vapor pressure, at temperatures between 10 and 30°C, when applicable.

2.6 Ultraviolet, infrared, magnetic resonance spectrums and mass spectrometry.

2.7 Solubility in water at temperatures between 10 and 30°C, when applicable.

2.8 Solubility of the active ingredient in various solvents, at temperatures between 10 and 30°C.

2.9 Partition coefficient between n-octanol/water (pH and temperature), if this has been determined.

2.10 Flash point.

2.11 Surface tension (when applicable).

2.12 Explosive properties.

- 2.13 Oxidation properties.
- 2.14 Reactivity with container material.
- 2.15 Viscosity (when applicable).
- 2.16 pH.
- 2.17 Hydrolysis rate under stated relevant conditions, when applicable.
- 2.18 Minimum and maximum active ingredients content, expressed in percentages by weight (w/w) or by volume (w/v).
- 2.19 Other pertinent properties.

3. USE-RELATED ASPECTS

- 3.1 Mode of action.
- 3.2 Biochemical form of action of the active ingredient on pests.

4. TOXIC EFFECT ON MAMMALIAN SPECIES

- 4.1 Acute toxicity.
 - 4.1.1 Average acute oral toxicity in rats in mg/kg of body weight.
 - 4.1.2 Average acute dermal toxicity in rats and/or rabbits in mg/kg of body weight.
 - 4.1.3 Average acute lethal concentration by inhalation in mg/l or mg/m³.
 - 4.1.4 Eye irritation (this study shall be omitted when the materials under analysis are corrosive).

- 4.1.5 Sensitivity.
- 4.2 Subchronic toxicity (13 to 90 days).
 - 4.2.1 Average subchronic oral toxicity in rats by mg/kg of body weight.
 - 4.2.2 Average subchronic dermal toxicity in rats and/or rabbits in mg/kg of body weight.
 - 4.2.3 Eye irritation (this study shall be omitted when materials under analysis are corrosive).
- 4.3 Chronic toxicity in minimum of two species.
 - 4.3.1 Average chronic oral lethal dosage in rats in mg/kg of body weight.
 - 4.3.2 Average chronic dermal lethal dosage in rats and/or rabbits in mg/kg of body weight.
 - 4.3.3 Admissible daily intake.
- 4.4 Oncogenicity.
- 4.5 Mutagenicity (*in vivo* and *in vitro*).
- 4.6 Toxicological compatibility, potentiation, synergism, additive potential (for mixes of active ingredients), when applicable.
- 4.7 Effect on reproduction.
 - 4.7.1 Teratogenicity.
 - 4.7.2 Study on, at least, two mammalian generations.

4.8 Metabolism in mammals.

4.8.1 Oral and dermal administration studies.

4.8.1.1 Absorption.

4.8.1.2 Distribution.

4.8.1.3 Excretion.

4.8.2 Explanation of the metabolic routes.

4.9 Mandatory medical information.

4.9.1 Diagnosis and symptoms of intoxication.

4.9.2 Proposed treatment.

4.9.1.1 First Aid.

4.9.1.2 Medical Treatment.

4.10 Additional studies (when applicable).

4.10.1 Studies on neurotoxicity (when available)

4.10.2 Special justified studies

4.11 Available complementary medical information.

4.11.1 Intoxication diagnosis—

4.11.1.1 Observations in clinical, accidental and intentional injury cases.

4.11.1.2 Observations from epidemiological studies.

4.11.1.3 Observations on allergies.

5. TOXIC EFFECTS ON OTHER SPECIES

5.1 Effects on birds.

- 5.1.1 Acute oral toxicity in pheasants, quail, wild ducks or other validated species.
- 5.1.2 Short-term toxicity (8-day study on one species) in pheasant, quail, wild duck or other validated species.
- 5.1.3 Effects on the reproduction of pheasants, quails, wild ducks or other validated species (when applicable).
- 5.1.4 Special studies on domestic animals (when justified).

5.2 Effects on aquatic organism.

- 5.2.1 Acute toxicity for fish, rainbow trout, carp or other validated species (particularly hot-water species).
- 5.2.2 Chronic toxicity in fish, rainbow trout, carp or other validated species (hot-water species).
- 5.2.3 Effects on the reproduction and growth rate of fish, rainbow trout, carp and other validated species (hot-water species) (when applicable).
- 5.2.4 Bioaccumulation in fish, rainbow trout, carp and other validated species (when applicable).
- 5.2.5 Acute toxicity in *Daphnia magna*, when applicable.
- 5.2.6 Chronic studies on *Daphnia magna*, when applicable.
- 5.2.7 Reproduction rate in *Daphnia magna*, when applicable.

- 5.2.8 Growth rate in *Daphnia magna*, when applicable.
- 5.2.9 Effect on the growth of *Selenastrum capricornutum* algae or another validated species.
- 5.3 Effects on organism other than the control organism.
 - 5.3.1 Acute toxicity in bees, oral and by contact.
 - 5.3.2 Toxicity in beneficial arthropods (example: predators)
 - 5.3.3 Toxicity in earth worms. *Eisetia foetida* or other validated species.
 - 5.3.4 Toxicity in soil microorganism (nitrifiers) (when applicable)
- 5.4 Other studies (when applicable)

6. RESIDUES IN TREATED PRODUCTS

- 6.1 Identification of the products of degradation and the reaction of metabolites in plants or treated products.
- 6.2 Behaviour of the residues of the active substance and its metabolites from application to harvest, when relevant. Absorption, distribution or conjugation with the plant ingredients and product dissipation in the environment.
- 6.3 Data on residues, obtained from controlled tests.
- 6.4 Maximum residue limits set for recommended crops. When none exist, data on residues obtained from protocolized tests according to international standards (FAO Directives) must be filed.

7. EFFECT ON THE ABIOTIC ENVIRONMENT**7.1 Behaviour in the soil. Data on 3 types of soil patterns.****7.1.1 Degradation: rates and channels (up to 90%), including the identification of–****7.1.1.1** intervening processes;**7.1.1.2** metabolites and the products of degradation;**7.1.1.3** adsorption and desorption, and the mobility of the active substance and, if relevant, of its metabolites.**7.1.2 Magnitude and nature of the remaining residues.****7.2 Behaviour in water and air.****7.2.1 Rates and channels of degradation in the aquatic environment.****7.2.2 Hydrolysis and photolysis (if they are not specified in the physical and chemical properties).****8. INFORMATION ON SAFETY****8.1 Procedures for the destruction of active ingredients and for decontamination.****8.2 Possibilities of recovery (if available).****8.3 Possibilities of neutralization.****8.4 Controlled incineration (conditions).****8.5 Water purification (if available).**

- 8.6 Recommended methods and precautions for handling during handling, storage, transportation and in the case of fire.
- 8.7 In the case of fire, products of reaction and combustion gases.
- 8.8 Information on personal protective equipment.
- 8.9 Hazards and precautions for technical grade products.
- 8.10 Hazards for human handling the product, indicating the following—
 - (a) body organs and systems that are affected;
 - (b) symptoms of acute intoxication by skin, eyes, inhalation;
 - (c) routes of product absorption.
- 8.11 Emergency and first aid procedures in the case of acute intoxication through ingestion, contact or inhalation.
- 8.12 Information on specific antidotes.
- 8.13 Information on storage conditions.
- 8.14 Indication of the type of suitable clothing that should be used for protection during transportation and storage.

9. ANALYTICAL METHODS

- 9.1 Analytical method used to determine the purity of the active substance (active technical ingredient).
- 9.2 Analytical methods and standards used to determine the products of degradation, isomers, impurities (with toxicological and ecotoxicological importance).

- 9.3 Analytical method used to determine residues in treated plants, farm products, processed foods, soil and water. The rate of recovery and limits of sensibility to the method will be included.
- 9.4 Analytical methods for the air, animal or human tissues and fluids (when available)
- 9.5 Analytical standards for the pure active ingredient (when asked for by authorities).
- 9.6 Method of confinement–
 - 9.6.1 the destruction of remnants of unused technical materials;
 - 9.6.2 the disposal of unusable containers;
 - 9.6.3 handling and disposal of technical material spills;
 - 9.6.4 decontamination and the final destination of used containers.

For formulated products, the following additional information is to be attached to the application for registration, with its respective references (six copies in English):

1. GENERAL DESCRIPTION

- 1.1 Name and address of the formulator.
- 1.2 Trade name.
- 1.3 Name of the active ingredient and quality specifications.
- 1.4 Intended use (example: herbicide, insecticide)

- 1.5 Type of formulation (example: wettable powder, emulsifiable concentrate)

2. COMPOSITION

- 2.1 Analytical Certificate of Composition.
- 2.2 Nature of the other components in the formulation.

3. PHYSICAL AND CHEMICAL PROPERTIES

- 3.1 Appearances—
 - 3.1.1 Physical condition.
 - 3.1.2 Colour.
- 3.2 Stability during storage (regarding composition and the physical properties related to use).
- 3.3 Relative density.
- 3.4 Inflammability—
 - 3.4.1 For liquids, flash point.
 - 3.4.2 For solids, declare whether or not the product is inflammable.
- 3.5 pH.
- 3.6 Explosivity.

4. PHYSICAL PROPERTIES OF THE FORMULATED PRODUCT RELATED TO THEIR USE

- 4.1 Moisture content (for dispersible powders).

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- 4.2 Foaming persistence (for formulations applied in water).
 - 4.3 Suspension capabilities of dispersible powders, concentrates in suspension, dispersible and encapsulated granules.
 - 4.4 Wet granular analysis (for dispersible powders and concentrates in suspension).
 - 4.5 Dry granular analysis. Percentage of disintegration of powders in granules and powders.
 - 4.6 Stability of the emulsion (in emulsifiable concentrates).
 - 4.7 Corrosiveness.
 - 4.8 Incompatibility with other products (Examples: crop protection products and fertilizer incompatibility)
 - 4.9 Density at 20°C in g/ml (for liquid formulations).
 - 4.10 Flash point (oils and solutions).
 - 4.11 Viscosity (for suspensions and emulsions).
 - 4.12 Sulfonation index (oils).
 - 4.13 Dispersion (for dispersible granules).
 - 4.14 Gas emissions (for granules that generate gas).
 - 4.15 Looseness or fluidity (for dry powders).
 - 4.16 Iodine and saponification indexes (for mineral oils).
 - 4.17 Any other property related to use according to the type of formulation.

5. INFORMATION ON THE APPLICATION OF THE FORMULATED PRODUCT

- 5.1 Application conditions.
- 5.2 Pests that are controlled.
- 5.3 Conditions under which the product can be used.
- 5.4 Dosage.
- 5.5 Number and timing of applications.
- 5.6 Application methods.
- 5.7 Instructions for use.
- 5.8 Re-entry interval into treated area (when applicable).
- 5.9 Pre-harvest intervals.
- 5.10 Effects on successive crops.
- 5.11 Phytotoxicity and compatibility.
- 5.12 Proposed and approved uses in other countries, especially from the region of Central America.
- 5.13 Trial reports on biological efficacy (if carried out locally, use standard protocols for efficacy trials).
- 5.14 Resistance (information on the development of resistance and monitoring strategies), when available.

6. PROPOSED LABELLING AND PACKAGING FOR THE FORMULATED PRODUCT

Any container or package that contains formulated pesticides, technical products or adjuvants must carry a safety seal on the cap to guarantee the identity and quality of the product.

6.1 Proposed harmonized label and pamphlet as per harmonized regional guidelines.

6.2 Containers

6.2.1 Type.

6.2.2 Materials.

6.2.3 Capacity.

6.2.4 Resistance.

6.3 Packaging.

6.3.1 Type.

6.3.2 Materials.

6.3.3 Capacity.

6.3.4 Resistance.

6.4 Action of the product on container materials.

6.5 Decontamination and container handling procedures (triple rinsing and other techniques according to local current laws).

7. DATA ON FORMULATED PRODUCT REMNANT MANAGEMENT

- 7.1 Procedures for the destruction of active substances and for decontamination.
- 7.2 Recovery possibilities (if available).
- 7.3 Neutralization possibilities.
- 7.4 Controlled incineration (conditions).
- 7.5 Water purification (if available).
- 7.6 Recommended methods and precautions during handling, storage, transportation and in the case of fire.
- 7.7 In case of fire, reactive products and combustion gases.
- 7.8 Information on personal protective equipment.
- 7.9 Application equipment cleaning procedures.

8. TOXICOLOGICAL DATA ON THE FORMULATED PRODUCT

- 8.1 Acute toxicity in mammals.
 - 8.1.1 Average acute oral toxicity in rats in mg/Kg body weight.
 - 8.1.2 Average acute dermal toxicity in rats and rabbits in mg/Kg of body weight.
 - 8.1.3 Average acute lethal concentration by inhalation in mg/l or mg/m³.
 - 8.1.4 Eye irritation (this study shall be omitted when the materials being evaluated are corrosive)

- 8.1.5 Skin sensitivity.
- 8.2 Mandatory medical information.
 - 8.2.1 Diagnosis and symptoms of intoxication.
- 8.3 Available complementary medical information.
 - 8.3.1 Information on clinical, accidental and intentional cases (when available).
- 9. DATA ON THE EFFECTS OF THE FORMULATED PRODUCT ON THE ENVIRONMENT**
 - 9.1 Toxic effects on non-mammalian species (when required).
 - 9.2 Toxic effects on mammalian species: other than those indicated in point 8 (when required).
 - 9.3 Effects on the environment (when required).
- 10. ADDITIONAL INFORMATION ON OTHER COMPONENT SUBSTANCES OF THE FORMULATION, IN CASES WHERE THEY ARE OF TOXICOLOGICAL IMPORTANCE**
 - 10.1 Information regarding solvents, emulsifiers, adhesives, stabilizes, colourants and any other substance included in the formulation of toxicological and ecotoxicological importance.
 - 10.1.1 Acute toxicity (oral, dermal, inhalation) (when applicable).
 - 10.1.2 Oncogenesis (when applicable).
 - 10.1.3 Biodegradability (when applicable)

10.1.4 Partition coefficient.

For adjuvants of agricultural use (six copies in English)–**A) PHYSICAL AND CHEMICAL PROPERTIES OF THE MAIN INGREDIENT(S) THAT CONSTITUTE THE ADJUVANT**

1. Chemical name(s) of the ingredients(s) and its concentration(s) expressed in g/kg or g/l.
2. Empirical formula and molecular weight, when applicable.
3. Melting point in °C, when applicable.
4. Decomposition point in °C, when applicable.
5. Boiling point in °C, when applicable.
6. Solubility in water at temperatures between 10 and 30°C.
7. Solubility of the main ingredient(s) in several solvents.
8. Density at any temperature between 10 and 30°C.
9. Physical state.
10. Indicate product stability and storage conditions, such as temperature, humidity and aeration, indicating of there is any chemical reaction with the containers.
11. Product characteristics, when applicable–
 - 11.1 Inflammability.
 - 11.2 Explosivity.
 - 11.3 Hydrolysis.

-
- 11.4 Oxidation.
 - 11.5 Temperature and light resistance index, only in the case in which the constituents are sensitive.
 - 11.6 Colour.
 - 12. Corrosivity.
 - 13. Incompatibility with other agricultural chemical products and other substances.
 - 14. Other pertinent properties.
 - 15. Indicate if product produces foam.
 - 16. Half-life.

B) RECOMMENDED USAGE

- 1. Recommended dosage.
- 2. Suitable methods for the preparation of the application material.

SCHEDULE II¹
[Regulation 5(2)]

**REQUIREMENTS FOR LABELLING OF
FORMULATED PACKAGES**

All formulated pesticide shall bear the approved printed or lithographed label and respective pamphlet, and shall coincide with the technical information provided to support its registration in Belize. The owner of the registration shall be solely responsible for the technical information presented on the label and pamphlet.

**LABELLING OF FORMULATED CHEMICAL
PESTICIDES FOR AGRICULTURAL USE, FOR
CONTAINERS OR PACKAGES OF LESS THAN ONE
KILOGRAM OF LITRE AND CONSISTING OF ONLY
ONE PANEL**

The product shall display, in clear print and written in English or Spanish, the following information in the following order:

- 1.1 The following legend; centred and running the entire length of the upper margin, affixed in bold, capital letters.

**STOP! READ THE PAMPHLET BEFORE USING THE
PRODUCT AND CONSULT A PROFESSIONAL IN
AGRICULTURAL SCIENCES.**

- 1.2 Formulating, distributing or manufacturing company logo. The logo shall occupy a maximum of 4% of the total label area. The logo may be of distinctive colours and duly registered, and shall be placed in the centre of the label.

¹ This Schedule was Inserted by S.I. 18 of 2003

- 1.3 Trade name (written in letters only), followed by the concentration of the active ingredient (expressed in numbers), and its English acronym for the formulation of the pesticide. Exception will be made in the cases where commercial names adopt the generic name of a pesticide which contains numbers. Concentration will be expressed in percentage on a weight-by-weight basis (w/w) in the case of solids, or weight by volume (w/v) for liquids (without the [%] sign) and the formulation of the pesticide. Where more than one active substance is chemically mixed, their concentrations will be added to be expressed in total.
- 1.4 Companies possessing duly registered logos may print these in the centre of the label. This shall not interfere with the written content of the label. The colour of these figures shall be the same as those of the toxicological colour band.
- 1.5 Class (biological action) and type (chemical family) of the pesticide cantered in bold capitals.
- 1.51.1 Where pesticides are mixed, each shall be declared individually as may apply.
- (a) Mixture of classes are separated by commas. (e.g. **INSECTICIDE, NEMATOCIDE**).
- (b) Mixture of types are separated by commas. (e.g. **CARBAMATE, ORGANOPHOSPHATE**).
- (c) Mixture of type and class are separated by a hyphen. **(ORGANOPHOSPHATE-PYRETHROID)**
- 1.6 Common Name— proposed or accepted by ISO, shall be placed in the centre, in bold capitals; in the case of mixtures, these shall be separated by commas. (e.g. **CYPERMETHRIN, PROPHENOPHOS**).

1.7 Title: “**Chemical composition**”

This title shall be written as shown in bold.

Chemical name (proposed or accepted by IUPAC) of the active ingredient and its percentage expressed in w/w in the case of a solid and w/w or w/v in the case of a liquid. These abbreviations shall be in small, bold letters above the digits indicating its percentage.

Inert ingredients and their percentage in w/w in the case of a solid, or w/w or w/v of it is a liquid. These abbreviations shall be placed above the digits indicating percentage. Hydrocarbon-based solvents shall be declared, and, where applicable, their chemical names shall be cited.

Total. Sum of the percentages of the ingredients of the product.

1.8 Contains: _____ grams active ingredient(s) per kilogram or litre of the commercial product. The chemical or common names, nor abbreviations shall be used.

1.9 **Net content:** To be written as shown and in bold. In litres or kilograms, or their multiples.

1.10 On the central portion of the label, and in accordance with the latest **WHO Pesticide Hazard Classification, acute LD₅₀ values for formulated products**), the following shall be indicated—

1.10.1 For **EXTREMELY HAZARDOUS** substances, (Category Ia) the words **VERY TOXIC** shall be printed in bold capitals with permanent ink, with the death skull and cross bones in black, within a rhombus; this shall occupy no less than 2% of the total label area.

- 1.10.2 For **HIGHLY HAZARDOUS** substances, (Category 1b) the word **TOXIC** shall be printed in bold capitals and permanent ink with the death skull and cross bones in black, within a rhombus; this shall occupy no less than 2% of the total label area.
- 1.10.3 For **MODERATELY HAZARDOUS** substances (Category II) the word **HARMFUL** shall be printed in bold capitals and permanent ink. The figure **X** in bold within a rhombus; this shall occupy no less than 2% of the total label area.
- 1.10.4 For **SLIGHTLY HAZARDOUS** substances (Category III, the word **CAUTION** shall be printed in bold capitals and permanent ink.
- 1.10.5 For substances in Category IV, the word **PRECAUTION** shall be printed in bold capitals and permanent ink.
- 1.11 The legend shall read as follows—
- IN CASE OF INTOXICATION TAKE PATIENT TO A
PHYSICIAN AND PRESENT THIS LABEL OR
PAMPHLET**
- The legend shall be centred, and in bold capitals.
- 1.11.1 At this point, the word **ANTIDOTE** should be indicated: in bold capitals. Where the antidote exists, it shall be printed in bold capitals; on the contrary the words **DOES NOT EXIST** shall be printed in bold capitals: this shall be centred on the label (e.g. **ANTIDOTE: DOES NOT EXIST**).
- 1.12 Name and address of manufacturer and/or formulator.

- 1.13 Country where product is registered, registration number and registration date, in that order.
- 1.14 Lot number and date of product formulation date.
- 1.15 For containers of less than one kilogram (Kg) or one litre (l), a label with two panels may be used; in the case of cylindrical containers, the label shall cover 100% of its surface.
- 1.15.1 The size of the label for non-cylindrical containers, whose capacity is less than one litre or one kilogram, shall be such that it covers the entire front of the same; in the case of containers or packages containing more than one-half but less than one kilogram, these may bear a label consisting of two panels.

In the case of cylindrical containers or packages, the two-panel label shall cover it completely.

- 1.16 The colour band, situated along the lower margin of the label, shall cover 15% of the label height, nothing shall be allowed to be printed within this band except for its toxicological category.

For toxicological classification purposes of the formulated chemical pesticides the experimental acute oral and/or dermal LD₅₀ should be used, where this experimental data does not exist, it may be calculated in accordance to the updated WHO document and apply the latest **WHO Pesticide Hazard Classification Chart, acute LD₅₀ values for formulated products**.

Depending on the toxicity, the label shall bear on the band, with permanent ink and colour indicated, the following:

- I. For formulated chemical pesticides categorized as **EXTREMELY HAZARDOUS** (Ia), shall bear along the lower margin of the label, a red band (PMS* 199C) with the words **EXTREMELY HAZARDOUS** along the entire band, in black capitals.
 - II. For formulated chemical pesticides categorized as **HIGHLY HAZARDOUS** (Ib), shall bear along the lower margin of the label, a red band (PMS* 199C) with the words **HIGHLY HAZARDOUS**, along the entire band in black capitals.
 - III. For formulated chemical pesticides categorized as **MODERATELY HAZARDOUS** (II), shall bear along the lower margin of the label, a yellow band (PMS* C) with the words **MODERATELY HAZARDOUS**, along the entire band in black capitals.
 - IV. For formulated chemical pesticides categorized as **SLIGHTLY HAZARDOUS**, shall bear along the lower margin of the label, a blue band (PMS* 293 C) with the words **SLIGHTLY HAZARDOUS** along the entire band in white capitals.
 - V. For formulated chemical pesticides in Category IV, shall bear along the lower margin of the label, a green band (PMS* 347 C) within which nothing shall be written.
2. **LABELLING OF FORMULATED CHEMICAL PESTICIDES FOR AGRICULTURAL USE, FOR CONTAINERS OR PACKAGES OF ONE OR MORE KILOGRAMS OR LITRES AND CONSISTING OF ONLY TWO PANELS**

The product shall display, in clear print, the following and in the following order—

FRONT PANEL

- 2.1 Shall bear along the upper margin of the label, centred and in black capitals, the following legend:

STOP! READ THE PAMPHLET BEFORE USING THIS PRODUCT.

- 2.2 Formulating, distributing or manufacturing company logo. The logo shall occupy a maximum of 4% of the total label area. The logo may be of distinctive colours, which may be duly registered, and it shall be placed in the centre of the label.
- 2.3 Trade name (written in letters only), followed by the concentration of the active ingredient (expressed in numbers) and its English acronym for the formulation of the pesticide. Exception will be made in the cases where trade names adopt the common name of a pesticide which contains numbers (e.g. 2,4-D60SL)

Concentration will be expressed in percentage on a weight by weight basis (w/w) in the case of solids or weight by volume (w/v) for liquids (without the [%] sign) and the formulation of the pesticide with English acronym. Where more than one active substance is chemically mixed, their concentrations will be added to be expressed in total.

- 2.4 Companies possessing duly registered logos may print these in the centre of the label. This shall not interfere with the written content of the label. The colour of these figures shall be the same as those of the toxicological band.
- 2.5 Class (biological action) and type (chemical family) of the pesticide centred, in bold capitals.

- 2.5.1 Where pesticides are mixed, each shall be declared individually as may apply.
- (a) Mixture of classes are separated by commas. (e.g. **INSECTICIDE, NEMATOCIDE**).
- (b) Mixture of types are separated by commas. (e.g. **CARBAMATE, ORGANOPHOSPHATE**).
- (c) Mixture of type and class are separated by a hyphen. (e.g. **ORGANOPHOSPHATE - PYRETHROID**).
- 2.6 Common Name, as proposed or accepted by ISO, shall be placed in the centre, in bold capitals; in the case of mixtures, these shall be separated by commas. (e.g. **CYPERMETHRIN, PROPHENOPHOS**).
- 2.7 Title: **Chemical composition**

This title shall be written as shown in bold.

Chemical name of the active ingredient as proposed or accepted by IUPAC and its percentage in w/w in the case of a solid and w/w or w/v in the case of a liquid. These abbreviations shall be in small, bold letters above the digits indicating its percentage. Inert ingredients and their percentage in w/w in the case of a solid, or w/v or w/w if it is a liquid. These abbreviations shall be placed above the digits indicating percentage. Hydrocarbon-based solvents shall be declared, where applicable, their chemical names shall be cited.

Total. Sum of the percentages of the ingredients of the product.

- 2.8 Contains: _____ grams active ingredients (s) per kilogram or litre of the commercial product. The chemical or generic names, nor abbreviations shall be used.

- 2.9 **Net content:** To be written as shown and in bold. In litres or kilograms, or their multiples.
- 2.10 On the central portion of the label, and in accordance with the latest **WHO Pesticide Hazard Classification Chart**, **acute LD₅₀ values for formulated products**, the following shall be indicated:
- 2.10.1 For **EXTREMELY HAZARDOUS** substances, (Category 1a) the words **VERY TOXIC** shall be printed in bold capitals with permanent ink, with the death skull and cross bones in black, within a rhombus; this shall occupy no less than 2% of the total label area.
- 2.10.2 For **HIGHLY HAZARDOUS** substances, (Category 1b) the word **TOXIC** shall be printed in bold capitals with permanent ink, with the death skull and cross bones in black, within a rhombus; this shall occupy no less than 2% of the total label area
- 2.10.3 For **MODERATELY HAZARDOUS** substances, (Category II) the word **HARMFUL** shall be printed in bold capitals with permanent ink. The figure **X** in bold within a rhombus; this shall occupy no less than 2% of the total label area.
- 2.10.4 For **SLIGHTLY HAZARDOUS** substances (Category III), the word **CAUTION** shall be printed in bold capitals and permanent ink.
- 2.10.5 For substances in Category IV, the word **PRECAUTION** shall be printed in bold capitals and permanent ink.
- 2.11 At this point, the word **ANTIDOTE** should be indicated: in bold capitals. Where the antidote exists, it shall be printed in bold capitals; on the contrary the words **DOES**

NOT EXIST shall be printed in bold capitals; this shall be centred on the label (e.g. **ANTIDOTE: DOES NOT EXIST**).

- 2.12 Name and address of manufacturer and/or formulator.
- 2.13 Title: **PRECAUTIONS AND WARNINGS FOR USE:** (left-aligned and in bold capitals). Shall bear the following legends, in bold capitals.

**DO NOT STORE IN DWELLINGS.
KEEP UNDER LOCK AND KEY, AWAY FROM THE
REACH OF CHILDREN.**

(This legend shall be left-aligned with its respective pictogram at its right).

Subsequently, any of the three legends described below may be used as necessary, depending on the type of formulation, accompanied by its respective pictogram.

**USE THE FOLLOWING PROTECTIVE GEAR
WHEN HANDLING, LOADING AND
APPLYING THE PRODUCT**

PICTOGRAM

**USE THE FOLLOWING PROTECTIVE GEAR
WHEN HANDLING THE PRODUCT, DURING
THE MIXING, LOADING AND
APPLICATION.**

PICTOGRAM

**USE THE FOLLOWING PROTECTIVE GEAR
WHEN HANDLING OR APPLYING THE
PRODUCT.**

PICTOGRAM

Based on the procedural pictograms, the specific names of the recommended gear shall be indicated in writing.

**DO NOT EAT, SMOKE OR DRINK WHILE
HANDLING OR APPLYING THIS PRODUCT.**

PICTOGRAM

**SHOWER AFTER WORKING WITH THIS
PRODUCT AND WEAR CLEAN CLOTHES.**

PICTOGRAM

Placement, size and colour of the pictograms shall be the following:

**PLACEMENT AND ORDER OF THE
PICTOGRAMS:** Shall be placed to the right of the corresponding legends, that is, on the right margin of the label (front panel).

SIZE: The size of each pictogram shall be such that it allows the user to identify and understand the message.

COLOUR: Black figures on a white background.

2.14 The legend shall read:

**IN CASE OF INTOXICATION TAKE THE
PATIENT TO A PHYSICIAN AND PRESENT
THIS LABEL OR PAMPHLET.**

(Centred and in bold capitals).

2.15 Title: **SYMPTOMS OF INTOXICATION:**

(Left-aligned, in bold capitals, followed by a colon).
Specific for the pesticide.

2.16 Title: **FIRST AID:**

(Left-aligned, in bold capitals, followed by a colon).
Explanation of applicable measures in case of
intoxication via oral, dermal, inhalation or by contact with
eyes; in that order.

2.17 The legend shall read:

**DO NOT GIVE TO DRINK OR INDUCE
VOMITING IN PERSONS IN AN UNCONSCIOUS
STATE**

(Centred, and in bold capitals).

2.18 Title: **MEDICAL TREATMENT:**

(Left-aligned, in bold capitals and followed by a colon)

2.19 The colour band, situated along the lower margin of the
label, shall cover 15% of the label height, nothing shall be
allowed to be printed within this band except for its
toxicological category.

For toxicological classification purposes of the
formulated chemical pesticides the experimental acute
oral and/or dermal LD₅₀ should be used, where this
experimental data does not exist, it may be calculated in
accordance to the updated **WHO Pesticide Hazard
Classification Chart, acute LD₅₀ values for formulated
products.**

Depending on the toxicity, the label shall bear on the
band, with permanent ink colour indicated, the following:

- I. For formulated chemical pesticides categorized as
EXTREMELY HAZARDOUS (Ia), shall bear
along the lower margin of the label, a red band
(PMS* 199C) with the words **EXTREMELY**

HAZARDOUS along the entire band, in **black** capitals.

- II. For formulated chemical pesticides categorized as **HIGHLY HAZARDOUS** (Ib), shall bear along the lower margin of the label, a red band (PMS* 199C) with the words **HIGHLY HAZARDOUS**, along the entire band in **black** capitals.
- III. For formulated chemical pesticides categorized as **MODERATELY HAZARDOUS** (II) shall bear along the lower margin of the label, a yellow band (PMS* C) with the words **MODERATELY HAZARDOUS** along the entire band in **black** capitals.
- IV. For formulated chemical pesticides categorized as **SLIGHTLY HAZARDOUS**, shall bear along the lower margin of the label a blue band (PMS* 293C) with the words **SLIGHTLY HAZARDOUS** along the entire band in **white** capitals.
- V. For formulated chemical pesticides in Category IV, shall bear along the lower margin of the label, a green band (PMS* 347C) within which nothing shall be written.

REAR PANEL

- 2.20 The following legend; centred and running the entire length of the upper margin:

**STOP! READ THE PAMPHLET BEFORE USING THE
PRODUCT AND CONSULT A PROFESSIONAL IN
AGRICULTURAL SCIENCES.**

**PROTECT THE ENVIRONMENT WITH GOOD
AGRICULTURAL PRACTICES, COMPLY WITH THE
RECOMMENDATIONS PROVIDED IN THE
PAMPHLET.**

Both legends shall be affixed in bold capitals.

- 2.21 In the case where the chemical pesticides may have an effect on the environment, it shall bear the following legend:

TOXIC TO LIVESTOCK

PICTOGRAM

(The phrase shall be left-aligned and written in bold capitals, ending with a colon).

**TOXIC TO FISH AND
CRUSTACEANS DO NOT
CONTAMINATE RIVERS,
LAKES, OR PONDS WITH
THIS PRODUCT OR ITS
EMPTY CONTAINERS**

PICTOGRAM

NOTE: where the pesticide may have effects only on fish, the word crustaceans shall not be included in the previous legend, and vice versa.

The legend shall be light-aligned and written in bold capitals, with its corresponding pictogram to the right.

TOXIC TO BEES

(Left-aligned, in bold capitals).

Placement, size and colour of the pictograms shall be the following:

PLACEMENT AND ORDER OF THE PICTOGRAMS: Shall be placed to the right of the corresponding legends, that is, on the right margin of the label (front panel).

SIZE: The size of each pictogram shall be such that it allows the user to identify and understand the message.

COLOUR: Black figures on a white background.

- 2.22 Title: **WARRANTY DECLARATION:**
(Left-aligned and written in bold capitals, ending with a colon).
- 2.23 Write the names of the counties in Central America where the product has been registered, number and date of registration. (in the following order).

COUNTRY	REGISTRATION NUMBER	DATE OF REGISTRATION
GUATEMALA		
BELIZE		
EL SALVADOR		
HONDURAS		
NICARAGUA		
COSTA RICA		
PANAMA		

LOT NUMBER:

DATE OF FORMULATION:

- 2.24 The colour band, situated along the lower margin of the label, identifying the toxicological category shall cover 15% of the label height; nothing shall be allowed to be printed within this band.

3. **LABELLING OF FORMULATED CHEMICALS
PESTICIDES FOR AGRICULTURAL USE, FOR
CONTAINERS OR PACKAGES OF ONE OR MORE
KILOGRAM OR LITRE AND CONSISTING OF
THREE PANELS**

The product shall display, in clear print, the following in the following order:

LEFT PANEL

- 3.1 Shall bear along the upper margin of the label, centred and in black capitals, the following legend:

**STOP! READ THE PAMPHLET BEFORE USING THIS
PRODUCT.**

The legend shall be affixed in bold capitals.

- 3.2 Title: **PRECAUTIONS AND WARNINGS FOR USE:**

(left-aligned and in bold capitals). Shall bear the following legends, in bold capitals.

**DO NOT STORE IN DWELLINGS. KEEP UNDER
LOCK AND KEY, AWAY FROM THE REACH OF
CHILDREN**

(This legend shall be left-aligned with its respective pictogram at its right).

Subsequently, any of the three legends described below may be used as necessary, depending on the type of formulation, accompanied by its respective pictogram.

USE THE FOLLOWING PROTECTIVE GEAR WHEN HANDLING, LOADING AND APPLYING THE PRODUCT.

PICTOGRAM

USE THE FOLLOWING PROTECTIVE GEAR WHEN HANDLING THE PRODUCT, DURING THE MIXING, LOADING AND APPLICATION.

PICTOGRAM

USE THE FOLLOWING PROTECTIVE GEAR WHEN HANDLING OR APPLYING THE PRODUCT.

PICTOGRAM

Based on the procedural pictograms, the specific names of the recommended gear shall be indicated in writing.

DO NOT EAT, SMOKE OR DRINK WHILE HANDLING OR APPLYING THIS PRODUCT.

PICTOGRAM

SHOWER AFTER WORKING WITH THIS PRODUCT AND WEAR CLEAN CLOTHES.

PICTOGRAM

Placement, size and colour of the pictograms shall be the following:

PLACEMENT AND ORDER OF THE PICTOGRAMS: Shall be placed to the right of the

corresponding legends, that is, on the right margin of the label (front panel) and in the established order.

SIZE: The size of each pictogram shall be such that it allows the user to identify and understand the message.

COLOUR: Black figures on a white background.

3.3 The legend shall read:

**IN CASE OF INTOXICATION TAKE THE
PATIENT TO A PHYSICIAN AND PRESENT THIS
LABEL OR PAMPHLET.**

(Centred and in bold capitals)

3.4 Title: **SYMPTOMS OF INTOXICATION:**

(Left-aligned, in bold capitals, followed by a colon).
Specific for the pesticide.

3.5 Title: **FIRST AID:**

(Left-aligned, in bold capitals, followed by a colon).
Explanation of applicable measures in case of
intoxication via oral, dermal, inhalation or by contact with
eyes; in that order.

3.6 The legend shall read:

**DO NOT GIVE TO DRINK OR INDUCE VOMIT TO
PERSONS IN AN UNCONSCIOUS STATE**

(Centred, and in bold capitals).

3.7 Title: **MEDICAL TREATMENT:**

(Left-aligned, in bold capitals and followed by a colon)

- 3.8 The colour band, situated along the lower margin of the label, shall cover 15% of the label height, nothing shall be allowed to be printed within this band except for its toxicological category.

For toxicological classification purposes of the formulated chemical pesticides the experimental acute oral and/or dermal LD₅₀ should be used, where this experimental data does not exist, it may be calculated in accordance to the updated WHO document and apply the latest **WHO Pesticide Hazard Classification Chart, acute LD₅₀ values for formulated products.**

Depending on the toxicity, the label shall bear on the band, with permanent ink and colour indicated, the following:

- I. For formulated chemical pesticide categorized as **EXTREMELY HAZARDOUS** (Ia), shall bear along the lower margin of the label, a red band (PMS* 199C) with the words **EXTREMELY HAZARDOUS** along the entire band, in **black** capitals.
- II. For formulated chemical pesticide categorized as **HIGHLY HAZARDOUS** (Ib), shall bear along the lower margin of the label, a red band (PMS* 199C) with the words **HIGHLY HAZARDOUS** along the entire band, in **black** capitals.
- III. For formulated chemical pesticides categorized as **MODERATELY HAZARDOUS** (II) shall bear along the lower margin of the label, a yellow band (PMS* C) with the words **MODERATELY HAZARDOUS** along the entire band in **black** capital.
- IV. For formulated chemical pesticides categorized as **SLIGHTLY HAZARDOUS**, shall bear along the

lower margin of the label, a blue band (PMS* 293 C) with the words **SLIGHTLY HAZARDOUS** along the entire band in white capitals.

- V. For formulated chemical pesticides in Category IV, shall bear along the lower margin of the label, a green band (PMS* 347 C) within which nothing shall be written.

CENTRE PANEL

- 3.9 Formulating, distributing or manufacturing company logo. The logo shall occupy a maximum of 4% of the total label area. The logo may be of distinctive colours, and which may be duly registered.

It shall be placed in the centre of the label.

- 3.10 Trade name (written in letters only), followed by the concentration of the active ingredient (expressed in numbers) and its English acronym for the formulation of the pesticide. Exception will be made in the cases where trade names adopt the common name of a pesticide which contains numbers (e.g. 2,4-D 60 SL).

Concentration will be expressed in percentage on a weight by weight basis (w/w) in the case of solids or weight by volume (w/v) for liquids (without the [%] sign) and the formulation of the pesticide with English acronym. Where more than one active substance is chemically mixed, their concentrations will be added to be expressed in total.

- 3.11 Companies possessing duly registered logos may print these in the centre of the label. This shall not interfere with the written content of the label. The colour if these figures shall be the same as the toxicological band.

3.12 Class (biological action) and type (chemical family) of the pesticide centred, in bold capitals.

3.12.1 Where pesticides are mixes, each shall be declared individually as may apply.

(a) Mixture of classes are separated by commas. (e.g. **INSECTICIDE, NEMATICIDE**).

(b) Mixture of types are separated by commas. (e.g. **CARBAMATE, ORGANOPHOSPHATE**).

(c) Mixture of type and class are separated by a hyphen (e.g. **ORGANOPHOSPHATE-PYRETHROID**).

3.13 Common Name, as proposed or approved by ISO, shall be placed in the centre, in bold capitals; in the case of mixtures, these shall be separated by commas.

3.14 Title: **Chemical composition**

This title shall be written as shown and in bold.

Chemical name of the active ingredient with biological actions as proposed or approved by IUPAC and its percentage in w/w in the case of a solid and w/w or w/v in the case of a liquid. These abbreviations shall be in small, bold letters above the digits indicating its percentage.

Inert ingredients and their percentage in w/w in the case of a solid, or w/w or w/v if it is a liquid. These abbreviations shall be placed above the digits indicating percentage. Hydrocarbon-based solvents shall be declared, where applicable, and their chemical names shall be cited.

Total. Sum of the percentages of the ingredients of the product.

- 3.15 Contains: _____ grams active ingredient (s) per kilogram or litre of the commercial product. The chemical or generic names, nor abbreviations shall be used.
- 3.16 **Net content:** To be written as shown and in bold. In litres or kilograms, or their multiples.
- 3.17 On the central portion of the label, and in accordance with the latest **WHO Pesticide Hazard Classification Chart, acute LD₅₀ values for formulated products**, the following shall be indicated:
- 3.17.1 For **EXTREMELY HAZARDOUS** substances, (Category 1a) the words **VERY TOXIC** shall be printed in bold capitals with permanent ink, with the death skull and cross bones in black, within a rhombus; this shall occupy no less than 2% of the total label area.
- 3.17.2 For **HIGHLY HAZARDOUS** substances, (Category 1b) the word **TOXIC** shall be printed in bold capitals and permanent ink with the death skull and cross bones in black, within a rhombus; this shall occupy no less than 2% of the total label area.
- 3.17.3 For **MODERATELY HAZARDOUS** substances (Category II) the word **HARMFUL** shall be printed in bold capitals and permanent ink. The figure **X** in bold within a rhombus; this shall occupy no less than 2% of the total label area.
- 3.17.4 For **SLIGHTLY HAZARDOUS** substances (Category III), the word **CAUTION** shall be printed in bold capitals and permanent ink.

- 3.17.5 For substances in Category IV, the word **PRECAUTION** shall be printed in bold capitals and permanent ink.
- 3.18 At this point, the word **ANTIDOTE** should be indicated: in bold capitals. Where the antidote exists, it shall be printed in bold capitals; on the contrary the words **DOES NOT EXIST** shall be printed in bold capitals; this shall be centred on the label (e.g. **ANTIDOTE: DOES NOT EXIST**).
- 3.19 Name and address of manufacturer and/or formulator.
- 3.20 The colour band, situated along the lower margin of the label, shall cover 15% of the label height, nothing shall be allowed to be printed within this band except for its toxicological category.

For toxicological classification purpose of the formulated chemical pesticides the experimental acute oral and/or dermal LD₅₀ should be used, where this experimental data does not exist, it may be calculated in accordance to the updated **WHO** document and apply the latest **Pesticide Hazard Classification Chart**.

Depending on the toxicity, the label shall bear on the band, with permanent ink and colour indicated, the following:

- I. For formulated chemical pesticides categorized as **EXTREMELY HAZARDOUS** (Ia), shall bear along the lower margin of the label, a red band (PMS* 199 C) with the words **EXTREMELY HAZARDOUS** along the entire band, in **black** capitals.
- II. For formulated chemical pesticides categorized as **HIGHLY HAZARDOUS** (Ib), shall bear along the lower margin of the label, a red band (PMS* 199 C)

with the words **HIGHLY HAZARDOUS**, along the entire band in **black** capitals.

- III. For formulated chemical pesticides categorized as **MODERATELY HAZARDOUS** (II) shall bear along the lower margin of the label, a yellow band (PMS* C) with the words **MODERATELY HAZARDOUS** along the entire band in **black** capitals.
- IV. For formulated chemical pesticides categorized as **SLIGHTLY HAZARDOUS**, shall bear along the lower margin of the label, a blue band (PMS* 293 C) with the words **SLIGHTLY HAZARDOUS** along the entire band in **white** capitals.
- V. For formulated chemical pesticides in Category IV, shall bear along the lower margin of the label, a green band (PMS* 347 C) within which nothing shall be written.

RIGHT PANEL

- 3.21 The following legend; centred and running the entire length of the upper margin:

**CONSULT A PROFESSIONAL IN
AGRICULTURAL SCIENCES.**

**PROTECT THE ENVIRONMENT WITH GOOD
AGRICULTURAL PRACTICES, COMPLY WITH THE
RECOMMENDATIONS PROVIDED IN THE
PAMPHLET.**

Both legends shall be affixed in bold capitals.

- 3.22 In the case where the chemical pesticide may have an effect on the environment, it shall bear the following legend:

TOXIC TO LIVESTOCK**PICTOGRAM**

(The phrase shall be left-aligned and written in bold capitals, ending with a colon).

**TOXIC TO FISH AND
CRUSTACEANS DO NOT
CONTAMINATE RIVERS,
LAKES, OR PONDS WITH THIS
PRODUCT OR ITS EMPTY
CONTAINERS OR PACKAGES.**

PICTOGRAM

NOTE: Where the pesticides may have effects only on fish, the word crustaceans shall not be included in the previous legend, and vice versa.

The legend shall be left-aligned and written in bold capitals, with its corresponding pictogram to the right.

TOXIC TO BEES

(Left-aligned, in bold capitals).

Placement, size and colour of the pictograms shall be the following:

PLACEMENT AND ORDER OF THE PICTOGRAMS: Shall be placed to the right of the corresponding legends, that is, on the right margin of the label (front panel).

SIZE: The size of each pictogram shall be such that it allows the user to identify and understand the message.

COLOUR: Black figures on a white background.

3.23 Title: WARRANTY DECLARATION:

(Left-aligned and written in bold capitals, ending with a colon).

- 3.24 Write the names of the countries in Central America where the product has been registered, number and date of registration (In that order).

COUNTRY	REGISTRATION NUMBER	DATE OF REGISTRATION
GUATEMALA		
BELIZE		
EL SALVADOR		
HONDURAS		
NICARAGUA		
COSTA RICA		
PANAMA		

LOT NUMBER:

DATE OF FORMULATION:

- 3.25 The colour band, situated along the lower margin of the label, identifying the toxicological category shall cover 15% of the label height, nothing shall be allowed to be printed within this band.

**SIZE AND CHARACTERISTICS OF LABELS FOR
FORMULATED CHEMICAL PESTICIDES FOR
AGRICULTURAL.**

1. The size of the labels must be related to the size and shape of the containers and packages in accordance with the following proportions:
 - 1.a For containers or packages with less than half a litre and less than one kilogram, models of labels with one or two panels may be used.
 - 1.b For containers or packages with one litre or one kilogram and up to four litres or five kilograms, the label must cover the entire surface of the container or package.
 - 1.c For containers or packages with four litres or five kilograms and up to nineteen litres to twenty-five kilograms, labelling shall be as in 1.b, but the label must cover at least 25% of the surface.

The size of the label shall not be less than that of containers or packages with less than four litres or five kilograms.
 - 1.d For containers or packages with more than nineteen litres or twenty-five kilograms, the size of the label shall be at least of the same size as that for containers or packages with nineteen litres or twenty-five kilograms.
2. The order of the content and the form of the labels for formulated chemical pesticides for agricultural use, shall be as that established by these Regulations.
3. The labels for chemical pesticides of **RESTRICTED USE** shall bear the legend: **RESTRICTED USE**

PESTICIDE; centred and on the upper margin, in bold capitals of the size as that of the warning, visible enough according to the size of the label.

4. The text on the labels shall be black on a white background, exception will be made for those labels that are lithographed unto containers or packages being of a colour other than white for those photosensitive pesticides.

The physiochemical properties of those photosensitive pesticides shall be scientifically supported with literature (technical support) by the manufacturer and/or formulator of the molecule.

- 4.a A manufacturer, formulator or distributor's logo may be included. The logo shall be 4% of the total label area. Distinctive logo colours that are duly registered shall be placed on the central panel.
- 4.b Enterprises that have duly registered figures may print these on the label. This shall not alter the written content of the same. The colours of these figures shall be the same as those of the toxicological band.
5. In the event that the lethal doses mentioned correspond to different toxicological categories, these shall be established in accordance to WHO descriptions.
6. The greater toxicity value for the formulated product shall be used in accordance to its oral or dermal LD50 for the corresponding toxicological classification as established by the WHO

**TO GUIDE THE CONTENT OF THE PAMPHLET
FOR FORMULATED CHEMICAL PESTICIDES
USED IN AGRICULTURE**

GENERAL PRINCIPLES:

All formulated chemical pesticides commercialized in their various forms, shall bear (affixed to it) its printed or lithographed label and respective pamphlet as per harmonized regional guidelines.

The information contained in the pamphlet for formulated chemical pesticides; shall coincide with the technical information provided to support its registration. The technical information is the sole responsibility of the enterprise registering the pesticide.

In the elaboration of the pamphlet, no statement or visual presentation shall be used which may directly or by implication, omission, ambiguity or exaggeration, mislead the buyer with respect to the safety, nature, composition and adequacy in the use of the formulated chemical pesticide. Words, illustrations or graphic presentations which may make reference to, suggest, directly or indirectly to any other product or use, shall not be used.

**1. GUIDELINES FOR ELABORATING THE
PAMPHLET FOR FORMULATED CHEMICAL
PESTICIDES FOR AGRICULTURAL USE.**

- (a) The pamphlet shall have one model content of information (presentation) for the three label models as per harmonized regional guidelines.
- (b) The pamphlet shall be incorporated unto the containers or packages of the formulated chemical pesticides, these containers or packages shall bear

printed or lithographed labels, in accordance with the label models

- (c) Each presentation (container or package) of a pesticide, shall be accompanied by its respective pamphlet.

THE PAMPHLET SHALL CONTAIN THE FOLLOWING INFORMATION, AND IN THE ORDER DESCRIBED, CONSIDERING THAT THE NUMBERS IDENTIFYING THE ORDER OF THE SAME, NEED NOT BE WRITTEN IN THE ELABORATION OF THE PAMPHLET:

- 1.1 The following shall be written in bold capitals:

STOP! READ THE PAMPHLET BEFORE USING THE PRODUCT AND CONSULT A PROFESSIONAL IN AGRICULTURAL SCIENCES.

1.2 TRADE NAME

Trade name of the formulated chemical pesticide, followed by the concentration expressed in percentage on a weight by weight basis (w/w) in the case of solids or weight by volume (w/v) for liquids (without the [%] sign) and the formulation of the pesticide with English acronym.

NOTES:

1. Trade name (written in letters only), followed by the concentration of the active ingredient (expressed in numbers) and its English acronym for the formulation of the pesticide, shall be the same as that approved on the corresponding harmonized label (e.g. 2,4-D60 SL).

2. Exception will be made in the cases where trade names adopt the common name of a pesticide which contains numbers (e.g. 2,4-D 60).
3. Registered trademarks shall be identified only by the recognized and universally accepted symbol, which is the R within a circle; which shall be placed after the registered trademark followed by the number identifying the concentration of the active ingredient(s), followed by its English acronym for the formulation of the pesticide.

1.3 **CLASS** (use of the product) and **TYPE** (chemical family)

CLASS: Refers to the specific use of the pesticide (e.g. **INSECTICIDE, ACARICIDE, NEMATICIDE, FUNGICIDE, HERBICIDE** etc.)

The use of the pesticide shall be written in bold capitals. Where a pesticide is for more than one use, these shall be separated by a comma (as above).

TYPE: Refers to its classification according to its chemical family as proposed or approved by IUPAC.

By virtue of which, the chemical family of the pesticide shall be written in bold capitals; after the **CLASS** and separated by a hyphen (-).

Where a pesticide has more than one active ingredient of different chemical families (being a mixture), the chemical families shall be separated by a comma.

Example:

TRIPLE BLOW 12.6GR
INSECTICIDE, FUNGICIDE-ORGANOPHOSPHATE,
TRIAZOLE

1.4 COMMON NAME

This shall be written as proposed or approved by ISO and shall be written in bold capitals; where a pesticide has more than one common name, these shall be separated by a hyphen.

1.5 PICTOGRAPHIC SYMBOL AND WARNING PHRASE

The pictographic symbol according to the toxicological category of the formulated chemical pesticide, shall be placed with its corresponding warning phrase, in bold capitals, as shown in the **WHO Pesticide Hazard Classification Chart**, and indicated by the acute LD₅₀ values for formulated products.

Pictographic symbols shall be printed in black on a white background.

1.6 ANTIDOTE:

The word antidote shall be written in bold capitals, followed by a colon and the name of its corresponding specific antidote.

If a pesticide should not have an antidote, the words **DO NOT EXIST** shall be written in its place; in bold capitals.

1.7 SOLVENT:

The word solvent(s) shall be written in bold capitals, followed by a colon and the corresponding nature of the hydrocarbon-based solvent(s).

If there should be more than one hydrocarbon-based solvent, these shall be separated by a semi-colon.

If the pesticide should be free of hydrocarbon-based solvent(s) in its formulation, this item shall not be included in the elaboration of its pamphlet.

1.8 DENSITY:

The word density, ($D_{20}^{\circ}\text{C}$) shall be placed in this order, in bold capitals, followed by a colon and the value of the density of the formulated pesticide and its corresponding temperature in degrees Celsius.

- 1.9** The following legends; centred and in bold capitals, with corresponding, pictograms shall be placed in the order they appear as follows:

**THIS PRODUCT MAY BE FATAL IF
SWALLOWED AND/OR IF INHALED MAY
CAUSE DAMAGE TO THE EYES AND SKIN BY
EXPOSURE**

**“DO NOT STORE IN DWELLINGS”
“KEEP OUT OF THE REACH OF CHILDREN,
MENTALLY UNSOUND PERSONS, DOMESTIC
ANIMALS, FOOD AND MEDICATION”**

1.10 AGRONOMIC USE

This title shall be written in bold capitals.

1.10.1 MODE OF ACTION:

This subtitle shall be written in bold capitals followed by a colon.

Subsequently, the mode of action of the pesticide shall be indicated (e.g.: systemic, contact, preventative, curative, polyvalent, post-emergent, pre-emergent, etc.). Describe the behaviour of the pesticide within the plant (acropetal, basipetal,

xylem and phloem, etc); in language easily understood by the user (applicator).

1.10.2 APPLICATION EQUIPMENT:

This subtitle shall be written in bold capitals followed by a colon.

Subsequently, the application equipment shall be specified in detail, according to the type of pesticide and application equipment to be used (sprayer, duster, tractor, helicopter, spray plane, granule spreader, etc.).

Indicate that prior to using the application equipment, one must verify that it is in good working order, free of leaks; as well as the importance of the correct calibration of the application equipment, and the type of nozzle that should be used.

Procedural pictograms shall be placed according to the type of pesticide formulation to be used.

1.10.3 HOW TO PREPARE THE MIXTURE:

This subtitle shall be written in bold capitals followed by a colon

Subsequently, it shall be specified if a recommended order for mixing is made by the manufacturer and/or formulator when other pesticides are included.

The mixing medium (carrier) shall be specified; water, oil or other.

It shall be indicated if agitation is necessary, as well as the conditions for mixing. The importance of precisions dosifiers for liquids or solids, agitation paddles, bucket drum, etc., shall be indicated.

The importance of post-application adequate cleaning and servicing of the application equipment shall be indicated.

Procedural pictograms shall be placed according to the product formulation.

1.10.4 **RECOMMENDATIONS FOR USE:**

The information content of the same is described as follows:

SCIENTIFIC NAME

The technical names of the crop and pest shall be written in small letters; genus, species, variety or other, with the exception of the first letter identifying the genus.

The genus shall be separated from the species, where the variety is cited, the abbreviation shall be used (var.) followed by the varietal name.

The genus, species and variety shall be written in bold, normal small letters (with the exception of the first letter of the genus, which shall be in capital).

The genus and species shall be underlined separately; the variety abbreviation (var.) need not be underlined, but the varietal name shall be underlined. (e.g. **Brassica oleracea var, capitata**).

Where only the genus is cited, and the species abbreviations is used (sp. or spp.), these shall not be underlined (e.g. Citrus spp.)

COMMON NAME

Synonyms of crops used in Central America shall be written as cited in the technical literature provided by the registrant.

RECOMMENDED DOSES

These shall be based on the international system for units of measure

In the case of pesticides formulated as solids, the dose shall be expressed in grams (g) of the formulated pesticide per hectare (Ha) and manzana (mz), in kilograms (Kg) of the formulated pesticide per hectare (Ha) and manzana (mz); and grams of kilograms/volume of water or any medium for mixing.

In the case of a liquid pesticide, the dose shall be expressed as cubic centimetres (cm³) or millilitres (ml) or litres (l) per hectare (Ha) and manzana (mz) and volume of water or any other medium for mixing.

The information on the dose of the formulated chemical concentration, shall be contained in the technical information presented as support for the registration of the pesticide and in the case of mixtures, the same shall apply.

Furthermore, development aspects of the crops and pests, weeds, diseases and other organisms shall be considered in determining the best timing for the application of the pesticide, whether it be the insect, or fungus population density; or the size of the weeds, etc.

APPLICATION INTERVAL

It shall be indicated whether frequency of application should be based on pest scouting, or by predetermined schedule.

PREHARVEST INTERVAL

The post-application days to harvest shall be determined. This information shall be contained in the technical information provided for registration.

This subtitle needs not to be included for products to which it does not apply.

INTERVAL FOR RE-ENTRY INTO TREATED AREAS

The minimum period in hours or days recommended for re-entry into treated areas shall be defined; and consideration given where pesticide mixtures are applied. Emphasis shall be placed in following recommendations made in the pamphlet.

1.11 PHYTOTOXICITY:

This subtitle shall be written in bold capitals, followed by a colon.

Product selectivity shall be indicated (e.g. herbicide is totally selective in broad leaf crops, harmful to grasses, etc.).

1.12 COMPATIBILITY:

This subtitle shall be written in bold capitals, followed by a colon.

Crops for which testing the product may be necessary shall be defined, as well as crops susceptible to damage when the product is used alone or in mixtures shall be cited; also if product combination is recommended, and compatibility problems that may arise if mixed with other products based on their acidity or alkalinity.

1.13 PRECAUTIONS AND WARNINGS FOR USE:

This subtitle shall be written in bold capitals, followed by a colon.

1.13.1 STORAGE AND TRANSPORT

The hazards posed by the pesticide due to its flammability, toxicity, corrosiveness, hygroscopicity and activity as oxidizing agent shall be indicated, (e.g. some dithiocarbamates react adversely in the presence of moisture to produce carbon disulphide, a toxic, highly flammable gas).

It shall be indicated that the pesticide should not be stored along with human or animal feeds (forage, seeds, etc.). Proper conditions for storage, including temperature, humidity, etc., shall be pointed out.

It shall be emphasized that pesticides require safe and adequate storage.

It shall be specified that pesticides are not to be transported along with human and animal food products. Specify that pesticides are to be kept in their original containers, properly sealed and labelled; accompanied by their respective pamphlets.

The following legends, centred and in bold capitals, with corresponding pictograms as well as storage pictogram and instructions shall be placed:

**DO NOT STORE IN DWELLINGS KEEP OUT
OF THE REACH OF CHILDREN.**

The following legend shall be centred and written in bold capitals:

**DO NOT SMOKE, EAT OR DRINK WHILE
APPLYING OR HANDLING THIS PRODUCT.
SHOWER AFTER WORKING WITH THIS
PRODUCT AND WEAR CLEAN CLOTHES.**

1.13.2 SIGNS OF INTOXICATION:

This subtitle shall be written in bold capitals, followed by a colon.

Specific symptoms presented by the pesticide shall be indicated, based on its chemical composition. These symptoms shall coincide with those described in the label.

The information respective to signs of intoxication shall be the responsibility of those presenting the pesticide for registration and shall be reported in the technical information provided as support for registration.

1.13.3 FIRST AID:

This subtitle shall be written in bold capitals, followed by a colon.

This shall be specified, considering the routes through which a pesticide may enter the human body, as described in the approved label, and shall be placed in the following order:

BY INGESTION:

This subtitle shall be written in bold capitals, followed by a colon.

This shall indicate the procedure and treatment of a person who has swallowed a pesticide.

BY INHALATION:

This subtitle shall be written in bold capitals, followed by a colon.

This shall indicate procedure and treatment of person who has inhaled a pesticide.

BY CONTACT WITH EYES:

This subtitle shall be written in bold capitals, followed by a colon.

This shall indicate the procedure and treatment of a person who has come into contact with a pesticide.

BY CONTACT WITH SKIN:

This subtitle shall be written in bold capitals, followed by a colon.

This shall indicate the procedure and treatment of a person who has come into contact with a pesticide.

The following legend shall be centred and written in bold capitals:

**DO NOT GIVE TO DRINK NOR INDUCE
VOMIT IN AN UNCONSCIOUS PERSON.**

1.14 ANTIDOTE AND MEDICAL TREATMENT:

This subtitle shall be written in bold capitals.

The specific antidote shall be indicated, based on the pesticide, and recommended medical treatment described.

1.15 NATIONAL INTOXICATION CENTRES

This subtitle shall be written in bold capitals. The full name of the institution responsible for attending to such emergencies shall be given; including telephone numbers in each country.

1.16 ENVIRONMENTAL PROTECTION MEASURES

This subtitle shall be written in bold capitals.

Toxicity to livestock, bees, fish and/or crustaceans, etc., shall be indicated. Emphasis shall be made to not contaminate superficial nor underground water sources with the pesticide.

1.17 MANAGEMENT OF CONTAINERS, PACKAGES, WASTE AND REMNANTS

This subtitle shall be written in bold capitals.

Procedures for management of pesticide wastes and methods for their elimination shall be indicated. Methods for the destruction of containers and packages shall be indicated as well as suitable sites for their disposal; also, that these sites should be away from water sources and dwellings.

The following legend; shall be centred and written in bold capitals:

USING CONTAINERS AND PACKAGES, FOR PURPOSES OTHER THAN THOSE FOR WHICH THEY WERE DESIGNED, MAY BE HAZARDOUS TO HUMAN HEALTH AND THE ENVIRONMENT.

1.18 DECLARATION OF WARRANTY:

This subtitle shall be written in bold capitals, followed by a colon.

Conditions under which the manufacturer, formulator and/or distributor offer warranty on the pesticide shall be described.

1.19 MANUFACTURER AND/OR FORMULATOR:

This subtitle shall be written in bold capitals, followed by a colon.

NOTE:

The term **MANUFACTURER**: shall be used in reference to one who synthesizes the molecule;

FORMULATOR: to one who formulates using technical grade material; and

MANUFACTURER/FORMULATOR: to one who synthesizes then uses to make formulations of pesticides.

Whenever any of these terms are used, correct address, telephone and/or fax numbers, and name of country shall be provided.

1.20 IMPORTED BY:

This subtitle shall be written in bold capitals, followed by a colon.

The name of the importer in each country shall be included, alternatively the space may be left blank, but adequate enough for the company sticker or seal to be placed; full name of importing company, correct address, telephone and/or fax numbers, and name of country shall be provided.

1.21

COUNTRY*	REGISTRATION* NUMBER	DATE OF* REGISTRATION
GUATEMALA		
BELIZE		
EL SALVADOR		
HONDURAS		
NICARAGUA		
COSTA RICA		
PANAMA		

*these subtitles shall be used as illustrated.

SCHEDULE III¹

[Regulation 5(4)]

**DATA REQUIRED FOR THE REGISTRATION OF
DOMESTIC-USE PESTICIDES**

1. IDENTITY

- 1.1 Trade Name
- 1.2 Common Name
- 1.3 Intended Use
- 1.4 Manufacturer
- 1.5 Country of origin

2. TECHNICAL

- 2.1 Material Safety Data Sheet (MSDS)
- 2.2 Methods of analysis for quality control
- 2.3 Analysis of composition

3. TOXICOLOGICAL STUDIES

- 3.1 Acute toxicity studies in mammals: oral, dermal and inhalation, in rat and rabbit
- 3.2 Carcinogenicity, mutagenicity and teratogenicity studies
- 3.3 Studies on non-target organisms (birds, bees, fish, domestic animals)

¹ This Schedule was Inserted by S.I. 18 of 2003.

4. GENERAL

4.1 Presentation(s)

4.2 Containers: Material/Capacity

4.3 Proposed Label

4.4 Product sample

CHAPTER 216

**RESTRICTED PESTICIDES (CERTIFIED USER)
REGULATIONS**

ARRANGEMENT OF REGULATIONS

1. Short title.
2. Interpretation.
3. Applications for licences.
4. Licences.
5. Board to inform applicant in cases of refusal.
6. Fees.
7. Appeals.
8. Register of Certified Users.
9. Offences and Penalties.
10. Commencement.

SCHEDULE I

SCHEDULE II

SCHEDULE III

SCHEDULE IV

SCHEDULE V

CHAPTER 216**RESTRICTED PESTICIDES (CERTIFIED USER)
REGULATION**
*(section 15)*112 of 1996.
Ch. 181B.
CAP. 216.
R.E. 2020.*[17th August, 1996]*

Short title.

1. These Regulations may be cited as the—**RESTRICTED PESTICIDES (CERTIFIED USER)
REGULATIONS.**

Interpretation.

2. In these Regulations, unless the context otherwise requires—

CAP.216.

“Act” means the Pesticides Control Act;

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

“certified user” or “pesticide applicator”, in relation to a restricted pesticide, means—

Schedule III.

- (a) a person engaged in the use of restricted pesticides as a trade or profession who applies to the Board for a licence to use such pesticides and satisfies the requirements of Schedule III hereto; as read in relation to the nature of his use of such pesticides as determined from Schedule I hereto; or

Schedule I.

- (b) a person using, or directly supervising the use of, pesticides in the course of his regular employment, who satisfies the requirements set out in Schedule IV hereto, and applies to the Board for a licence to use such pesticides;

Schedule IV.

“certified user’s licence” means a licence issued by the Board under regulation 4 hereunder.

3.—(1) A person desirous of becoming a certified user shall apply to the Board for a licence, on the Form prescribed in Schedule I hereto.

Applications for licences.
Schedule I.

(2) The person making the application under subregulation (1) above, shall send the application to the Board, together with the fee specified in regulation 6, below.

(3) The Form prescribed in Schedule I hereto shall be used for initial applications for a licence, or for applications for the renewal of a licence.

Schedule I.

4.—(1) The Board may issue a certified user’s licence, on the Form specified in Schedule II hereto, to a person who applies under regulation 3 above, and may attach such terms and conditions to the licence as it deems fit and proper.

Licences.
Schedule II.

(2) Every licence issued by the Board under subregulation (1) above shall be for a period of five years, and shall be renewable thereafter for like duration upon application to the Board on the prescribed Form,

provided that the Board may cancel a licence before the expiration of five years if the certified user is in breach of any of the terms and/or conditions attached thereto, or if the licence was obtained by false pretences, deception or misleading information.

5. Where the Board refuses to issue a certified user’s licence to any person, the Board shall inform that person, in writing, of its reasons for such refusal,

Board to inform applicant in cases of refusal.

provided that the Board shall only refuse to issue a licence if the person does not meet any or all of the requirements specified in Schedule III or Schedule IV hereto.

Schedule III.
Schedule IV.

Fees.

6. A person applying for a certified user's licence shall pay the following fees when submitting his application to the Board—

- (a) initial application for a certified user's licence
\$5.00
- (b) application for renewal of a certified user's
licence \$5.00

Appeals.

7. A person whose application for a certified user's licence has been refused by the Board and who is aggrieved by the Board's decision shall appeal against the Board's decision to the Minister within 30 days of his receipt of such decision, and the Minister's decision thereon shall be final.

Register of
Certified Users.
Schedule IV.

8. The Board shall keep a Register of Certified Users which shall be in the form specified in Schedule IV hereto.

Offences and
penalties.

9. A person who contravenes the provisions of these Regulations commits an offence and shall be liable on summary conviction to a fine not exceeding one thousand dollars or to imprisonment for a term not exceeding twelve months or to both such fine and imprisonment.

Commencement.

10. These Regulations shall come into force on the 15th day of August, 1996.

MADE by the Minister of Agriculture and Fisheries this 5th day of August, 1996.

(RUSSEL GARCIA)

Minister of Agriculture & Fisheries

SCHEDULE I
(Regulations 2 and 3)

To: Pesticides Control Board
Central Farm, Cayo District
Tel: 824-2131

APPLICATION FOR A CERTIFIED USER'S LICENCE

Assistance will be given to persons who cannot read this form.
If you are in doubt about the answers to any of the questions below, please first ask a member of the Board's staff for advice.

Name of Applicant: _____

Address: _____

Phone/Fax: _____

Name of Company (if applicable): _____

Are you engaged in pesticide use as a TRADE ☐ PROFESSION ☐

FOR TRADE APPLICANTS ONLY:

Type of pesticide use: **(tick one or more categories applicable):**

Crops and other vegetation	Livestock	Food and grain storage	Non-agricultural buildings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other (please specify): _____

Method(s) of application: _____

Conditions for Licensing as Certified Pesticide User

1. Always following directions and precautions on label.
2. Observing safe practices for use, storage, and disposal of pesticides.

A breach of these conditions is grounds for withdrawal of authorization

FOR OFFICIAL USE ONLY		
Training provided by the Board before submitting for authorization <div style="text-align: center;"><input type="checkbox"/></div>	Training not required before submitting for authorization <div style="text-align: center;"><input type="checkbox"/></div>	Renewal of authorization <div style="text-align: center;"><input type="checkbox"/></div>
Date received: _____ Date of training: _____ Licence No.: _____	Correct fee included: _____ Date for Testing: _____ Date of Authorization: _____	

SCHEDULE II
[Regulation 4]

LICENCE FOR CERTIFIED PESTICIDE USER

Front

Certified Pesticide User's Licence	
	ISSUED EXPIRES
	DISTRICT TOWN/VILLAGE
	TYPE
	NAME
<div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <hr style="width: 200px;"/> <p><i>PCB Secretary</i></p> </div> <div style="text-align: center;"> <hr style="width: 200px;"/> <p><i>Applicator</i></p> </div> </div>	

Back

Section 9 of the Pesticide Control Act

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

* This licence is not transferrable.

* This licence must be presented when buying a restricted use pesticide (RUP).

No. 96

SCHEDULE III*[Regulations 2 & 5]***REQUIREMENTS TO BE SATISFIED FOR LICENSING
AS A USER OF RESTRICTED PESTICIDES.**

To obtain authorization from the Board, the applicant shall satisfy the Board that he can—

- (a) read and understand the label of the type specified in the Registered and Restricted Pesticides (Registration) Regulation, 1995, following dosage, application and precautionary direction therein.
- (b) understand general principles of safe and effective pesticide use, storage and disposal;
- (c) safely and adequately prepare the mixture to be applied;
- (d) calibrate and maintain knapsack sprayer;
- (e) calibrate and maintain other specialized application equipment to requirements;
- (f) choose and use the specific (appropriate) pesticide(s) required for his business;
- (g) understand responsibilities towards clients, employees and the public.

SCHEDULE IV*(Regulations 2 & 5)***REQUIREMENTS TO BE SATISFIED FOR LICENSING
AS A USER OF RESTRICTED PESTICIDES**

To obtain authorization from the Board, the applicator shall satisfy the Board that he can—

- (a)* extract information from the label to follow dosage, application, and precautionary directions;
- (b)* understand general principles of safe and effective pesticide use, storage, and disposal;
- (c)* differentiate pesticides according to use and hazard;
- (d)* accurately and safely prepare the mixture to be applied;
- (e)* calibrate and maintain knapsack sprayer;
- (f)* understand responsibilities towards fellow workers and the public.

SCHEDULE V*(Regulation 8)***PESTICIDES CONTROL BOARD**

Central Farm, Cayo, Belize

REGISTER OF CERTIFIED PESTICIDES USERS

Licence No.: _____

Name: _____

Address: _____

Type of user (Trade/Employment): _____

For Trade Users purpose(s) of restricted pesticide use:

Crops/
Vegetation☐

Livestock

☐Food/Grain
storage☐Non-agricultural
buildings☐

Other (specify): _____

Date of Authorization: _____

Date of Expiry: _____