

CHAPTER 35:09 - AGROCHEMICALS: SUBSIDIARY LEGISLATION

INDEX TO SUBSIDIARY LEGISLATION

Agrochemicals Regulations

AGROCHEMICALS REGULATIONS

(under section 31)

(8th August, 2003)

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S.I. 37, 2003,
S.I. 36, 2005.

1. Citation

These Regulations may be cited as the Agrochemicals Regulations.

2. Interpretation

In these Regulations, unless the context otherwise requires, "**licensee**" means a holder of a licence issued under these Regulations.

3. Application to register an agrochemical

(1) A person may make an application to register an agrochemical in accordance with section 12 of the Act and with the provisions of sub regulation (2).

(2) An application under subsection (1) shall be made to the Registrar in Form 1 set out in

the First Schedule and shall further be accompanied by-

- (a) two samples of the agrochemical;
- (b) any advertising material or experimental data in support of efficacy of the agrochemical;
- (c) full toxicological data of the agrochemical;
- (d) methods of analysis of the agrochemical; and
- (e) residue and phytotoxicity data of the agrochemical under Botswana or similar conditions.
- (f) a fee of P500.

(2A) An application for the renewal of the registration of an agrochemical shall be made to the Registrar in Form 1 set out in the First Schedule and shall be accompanied by a fee of P250.

(2B) There shall be charged a fee of P300 for late renewal of registration of an agrochemical.

(3) Where an applicant is only seeking registration for the sale of an agrochemical and the manufacturer of the agrochemical is not prepared to give the applicant information about such agrochemical, the manufacturer shall submit the full composition statement of such agrochemical directly to the Registrar.

4. Registration

(1) The Registrar shall, where he is satisfied that an application meets the requirements of regulation 3, register the agrochemical and issue a registration certificate, as set out in the Second Schedule, to the applicant.

(2) Where the Registrar is not satisfied that the application meets the requirements of regulation 3, he shall reject the application and notify the applicant thereof in writing, stating the reasons for the rejection.

5. Other applications

- (1) An application for-
- (a) a temporary import permit shall be in Form 2 and accompanied by a fee of P100;
 - (b) a permit for the import of an agrochemical for research or experimental purposes shall be in Form 3;
 - (c) a licence to facilitate the transit of an agrochemical from one country to another country shall be in Form 4 and accompanied by a fee of P200;
 - (d) a licence to dispose of an agrochemical and its by-products shall be in Form 5 and accompanied by a fee of P200;
 - (e) a licence to manufacture an agrochemical shall be in Form 6 and accompanied by a fee of P200;

- (f) a licence to import, sell or distribute an agrochemical shall be in Form 7 and accompanied by a fee of P200; and
- (g) a licence to commercially use an agrochemical shall be in Form 8 and accompanied by a fee of P200.

(2) Where the Registrar is satisfied that an application made in accordance with subregulation (1) meets the requirements of section 16 of the Act and of these Regulations, he shall-

- (a) issue a permit as set out in Form 9; or
- (b) issue a licence as set out in Form 10;

to the applicant, under such terms and conditions as he may consider appropriate.

(3) Where the Registrar is not satisfied that the application meets the requirements of section 16 and of these Regulations, he shall reject the application thereof in writing, stating the reasons for rejection.

6. Labelling

(1) All containers in which an agrochemical is offered for sale or distribution shall bear a label written in English, and where possible, in Setswana, firmly affixed to the container, the wording of which shall be approved by the Committee.

(2) An application for the approval of the words to be placed on a label in accordance with sub regulation (1) shall be made to the Committee in writing.

(3) A label in accordance with sub regulation (1) shall contain the information set out in the Third Schedule.

(4) The classification of an agrochemical on a label according to toxicity shall be in accordance with the Fourth Schedule.

(5) The codes to be used for an agrochemical formulation on a label shall be as set out in the Fifth Schedule.

7. Duty of licensee

A licensee shall ensure that-

- (a) an agrochemical distributed by him is approved, marked, packed and labelled in accordance with the provisions of these Regulations;
- (b) the substance contained in an agrochemical distributed by him is in accordance with the specification on the label; and
- (c) direction for use and other information printed on the label do not contain misleading or erroneous information.

8. Promotion and advertisement

(1) No person shall issue an advertisement of an agrochemical unless the advertisement has been approved by the Registrar.

(2) The Registrar shall not allow an advertisement that-

- (a) uses words or phrases calculated to lead a purchaser to believe that registration or licensing implies special approval or official guarantee of the efficacy of the agrochemical; or
- (b) makes claims other than those on a label made in accordance with regulation 6.

9. Record keeping by licensee

A record concerning the importation, manufacture, distribution or sale of an agrochemical maintained in accordance with section 28 of the Act shall contain the following information regarding the agrochemical-

- (a) common name;
- (b) trade name;
- (c) chemical group;
- (d) type of formulation;
- (e) quantity of the product;
- (f) date of manufacture;
- (g) expiry date;
- (h) toxicity class;
- (i) quantity of obsolete chemicals;
- (j) intended use;
- (k) number of employees; and
- (l) training level of employees.

10. Storage

(1) The licensee shall-

- (a) ensure that the storage area of an agrochemical-
 - (i) is kept locked when the licensee or those of his employees handling the agrochemical are absent;
 - (ii) is well ventilated to prevent the build up of toxic vapours;
 - (iii) has suitable and adequate fire extinguishers that are easily accessible from outside, and
 - (iv) has warning signs posted in a conspicuous place, warning people of the dangers of the agrochemical stored inside;
- (b) regularly inspect for leaks, any container in which an agrochemical is stored; and

- (c) where an agrochemical container is damaged, transfer the agrochemical to a suitable, clean and compatible container and shall label the new container in accordance with these Regulations.

11. Safe handling

(1) An employer handling an agrochemical shall-

- (a) ensure that his employees are medically examined periodically, to ensure that the employees are fit for work involving exposure to the agrochemical;
- (b) provide those of his employees handling the agrochemical with appropriate protective clothing, which clothing shall be thoroughly washed at the workplace at the end of each day or operation, particularly when heavily contaminated;
- (c) keep and maintain a works exposure record card for each employee handling the agrochemical; and
- (d) at all times keep a first aid kit at hand where the agrochemical is manufactured, transported, handled or disposed.

(2) A works exposure record card kept in accordance with subparagraph 1(c) shall provide the following-

- (a) the name and address of the employee;
- (b) the exposure period of the employee;
- (c) the common names of the active ingredient being handled;
- (d) the physical state of the formulation of the agrochemical being handled;
- (e) details of any occupational accidents involving the employee during the period of exposure;
- (f) the date and nature of each case of poisoning; and
- (g) a medical practitioners' notes regarding sub regulation (2)(e) and (f).

(3) The employer shall, where an employee falls ill or is involved in an accident at the work place or in the course of discharging his duties as an employee, hand to a medical practitioner who examines the employee, the employee's works exposure record card kept under this regulation.

12. Disposal of waste

(1) No person shall-

- (a) dump an agrochemical container indiscriminately; or
- (b) put an agrochemical into food containers.

(2) A licensee shall ensure that-

- (a) cartons, boxes and bags used to carry an agrochemical are shredded to avoid

re-use;

- (b) agrochemical waste is packed in plastic bags to minimise the risk of exposure during handling;
- (c) pallets contaminated by an agrochemical are broken up;
- (d) disposal of lightly agrochemical contaminated waste is carried out by-
 - (i) burning in an incinerator or in a hot fire in an isolated area down wind of the nearest habitation,
 - (ii) burial in an approved landfill, or
 - (iii) packing in strong polyethylene bags or 200 litres steel drums for disposal as toxic waste; and
- (e) containers that were used to carry an agrochemical are-
 - (i) well drained, thoroughly rinsed with water or any other appropriate solvent such as diesel fuel then shredded or crushed, or
 - (ii) returned to the supplier or retained as spares to re-pack the same agrochemical it previously contained or agrochemical contaminated spill.

13. Training course

(1) The Registrar shall regularly conduct a training course for any person who applies for a licence under these Regulations and does not have relevant qualifications.

(2) A course in accordance with sub regulation (1) shall cover the following topics-

- (a) interpreting a label;
- (b) groups of agrochemicals;
- (c) toxicity classes and colour codes;
- (d) storage and handling of different types of agrochemicals and agrochemicals with different toxicities;
- (e) use of protective clothing; and
- (f) disposal techniques of agrochemicals.

14. Offence and penalty

A person who contravenes any provision of these Regulations shall be guilty of an offence and liable to a fine not exceeding P500 or to imprisonment for a term not exceeding 6 months, or to both.

FIRST SCHEDULE

Form 1

APPLICATION FOR THE REGISTRATION OF AN AGROCHEMICAL

(reg 3(2))

Information for Applicants

1. Please complete all sections fully. Where applicable the required information should be submitted as attachments.
2. The application and product label must be submitted in triplicate.
3. The application must be accompanied by written authority from the manufacturer/formulator.
4. One copy of supportive studies required (e. g toxicological data, efficacy data, residue data, physical specifications etc) Refer to lists I and II attached.
5. Every application must be accompanied by the prescribed registration fees.
6. The application must be submitted to the Registrar of Agrochemicals, Private Bag 0091, Gaborone, Botswana.

Indicate where appropriate:

A. Agrochemical containing a new active ingredient:	
B. Agrochemical where source of active and/or formulation is not identical to that of a registered product:	
C. Registration transfer:	
D. Amendments to an existing registration:	
E. Other:	

1. APPLICANT		
1.1 Identification	Name/Corporate name of company Reg. no.: (of registration holder)	Name of distributor/agent in Botswana: (if different from registration holder)
1.2 Status:		
(Importer/formulator/distributor)		
1.3 Physical Address:		
1.4 Postal Address:		

1.5	Telephone:		
1.6	Fax:		
1.7	e-Mail:		
2.	PRODUCT		
2.1	Designation	Trade name:	
		Trade mark:	
		Trade mark holder:	
2.2	Function of product (e.g insecticide, herbicide,		
2.3	Intended use: (veterinary, agriculture, forestry, public health etc)		
2.4	Target pest(s) and host(s):		
2.5	Method, dosage rates and frequency of application: (if required)		
2.6	Type of formulation:	Crop Life International/ FAO code:	
2.7	Existing reg. no.: (if relevant)	Customs Tariff Code: (Brussels Tariff Nomenclature)	
2.8	Registration in SEARCH country/ies:		
2.9	Registration in other country/ies:		
2.1 0	Is the product registered in country of manufacture and formulation:	If not, why not?	If yes, submit evidence:
3. ACTIVE INGREDIENT(S) (Technical grade) (may be attached in sealed envelope)			

Active ingredient(s): (Common name/s)	Manufacturer: (Name and address)	Min a.i. % purity:	Range %:

4. FORMULATION (may be attached in sealed envelope)

4.1	Formulator: (Name)	Address:

4.2 Composition (may be attached in sealed envelope)

Ingredients and Function (e.g emulsifier)	g/l	g/kg	Range

5. TOXICOLOGY (formulated product)

5.1	RAT:	Acute Oral (LD50 mg/kg)	Acute Dermal (LD50 mg/kg)	Inhalation LC ⁵⁰ (mg/l/hour)
		Experimental	Experimental	Experimental
		Calculated	Calculated	Calculated

5.2	RABBIT:	Skin irritation	Eye irritation
	None		
	Mild		
	Moderate		
	Severe		

5.3	Sensitisation in guinea pig:	None	Mild	Moderate	Severe
-----	------------------------------	------	------	----------	--------

5.4 WHO class:	la	lb	II	III	IV
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5.5 Summary of other Mammalian Toxicological Studies:	
5.6 Summary of Environmental Effects:	
5.6. Toxicity to bees:	1
5.6. Toxicity to fish and other aquatic organisms:	2
5.6. Toxicity to birds:	3
5.6. Toxicity to earthworms and soil micro organisms:	4
5.6. Toxicity to other non-target organisms:	5
5.6. Persistence in environment:	6
5.6. Other effects:	7
6. PACKAGING	
6.1 Packaging material/container:	
6.2 Pack size(s):	
6.3 Disposal of empty container(s):	
7. STORAGE CONDITIONS	
7.1	Temperature
7.2	Humidity

8. DECLARATION BY APPLICANT

For and on behalf of.....I hereby certify that the above mentioned information and data provided in support of this application are to the best of my knowledge true, correct and complete.

..... Name in full (printed) Signature
..... Date Official Title
..... Official Stamp of Applicant/Company	<i>FOR OFFICIAL USE</i> Remarks: Signature Date: Registrar

NOTES:

*Crop Life International = formerly GCPF (Global Crop Protection Federation), Formerly GIFAP (international Group of National Associations of Manufactures of Agrochemical Products).

** SEARCH = Southern and East Africa Regulatory Committee for Harmonization of Pesticide Registrations.

ACTIVE INGREDIENT: DOSSIER INDEX

List I

The dossier accompanying the form should provide more details of the information requested in the list i.e. details on the methods used, applicants are advised to use CIPAC methods for physical and Chemical properties, summaries of the methods and results used in toxicology and ecotoxicological studies, methods of analysis etc. Numbering used in the dossier must follow that used in the application form. If the product contains more than one active ingredient, compile a separate dossier for each active ingredient)

ACTIVE INGREDIENT (Technical grade)	Annex. No. in dossier if study included	Official use only
1. DESIGNATION		
a. Common name (ISO)		
b. Manufacturer or development code		
c. Chemical name (IUPAC)		
d. Chemical group		
e. Structural formula		
f. Empirical formula		
g. Patent status		
Is the a.i. under patent Who is patent holder Expiry date		
2. PHYSICAL AND CHEMICAL PROPERTIES (active ingredient – technical grade)		
a. Physical state		

b. Colour		
c. Odour		
d. Density at 20°C		
e. Vapour pressure at 20/25°C		
f. Volatility		
g. Hydrolysis DT50.....Days.....°C....pH		
h. Photolysis		
i. Solubility in water.....°C.....pH		
j. Solubility organic solvents		
k. n-octanol/water partition coefficient		
l. Boiling point °C		
m. Melting point °C		
n. Decomposition temperature °C		
o. Method of Analysis and Impurities		
3. TOXICOLOGY (Active Ingredient – technical grade)		
a. ADI		
b. Acute oral LD50 mg/kg rat/rabbit		
c. Acute dermal LD50 mg/kg rat		
d. Inhalation LC50 mg/l /hour (rat)		
e. Skin irritation (rabbit)		
f. Eye irritation (rabbit)		
g. Sensitisation (guinea pig)		
h. Reproduction (specify species)		
i. Subchronic toxicity 90 day NOEL mg/kg/day		

j.	Chronic toxicity NOEL mg./kg/day		
k.	Carcinogenicity (life time) NOEL mg/kg/day		
l.	Neurotoxicity NOEL mg/kg/day		
m.	Teratogenicity NOEL mg/kg/day		
n.	Mutagenicity / Genotoxicity		
o.	Metabolism (rat)		
p.	Other studies		
4. ECOTOXICOLOGY (Active ingredient – technical grade)			
a.	Birds (2 species)	LD ⁵⁰ mg/kg	
		NOEL	
		LD ⁵⁰ mg/kg	
		NOEL	
		Reproduction	
b.	Fish (2 species)	LD ⁵⁰ mg/kg	
		NOEL	
		LD ⁵⁰ mg/kg	
		NOEL	
		Reproduction	
		BCP	
c.	Daphnia	LC ⁵⁰ mg/l	
		NOEL	
d.	Algae	LC ⁵⁰ mg/l	
		NOEL	
e.	Bees	LD ⁵⁰	
		NOEL	

f.	Earthworms	LC ⁵⁰ mg/kg		
g.	Soil micro-organisms			
5. BEHAVIOUR IN ENVIRONMENT (active ingredient – technical grade)				
Behaviour, ways of degradation, degradation products in soil:				
a.	Major metabolites			
b.	DT ⁵⁰ (days)			
c.	Mobility			
d.	Adsorption			
e.	Mobility of metabolites			
Behaviour, ways of degradation, degradation products in water:				
f.	Major Metabolites			
g.	DT ⁵⁰ (days)			
h.	Surface			
i.	Ground			
6.	Mode of action			
7. RESIDUES IN THE PLANT				
a.	Major metabolites			
b.	Metabolism			
c.	Behaviour of residues			
d.	Crop			
e.	MRL codex			
f.	MRL country			
g.	PHI & MRL proposed			
h.	Method of residue analysis			
8. COUNTRY SPECIFIC REQUIREMENTS				

a.		
b.		
c.		
d.		
e.		
f.		

FORMULATED PRODUCT: DOSSIER INDEX

List II

The dossier accompanying the form should provide more details of the information requested in the list i.e. details on the methods used, applicants are advised to use CIPAC methods for physical and Chemical properties, summaries of the methods and results used in toxicology and ecotoxicological studies, methods of analysis etc. Numbering used in the dossier must follow that used in the application form.

FORMULATED PRODUCT	Annex, No. in dossier if study included	Official use only
1. PHYSICAL AND CHEMICAL PROPERTIES		
a. Physical state/formulation type		
b. Colour		
c. Odour		
d. Storage stability		
e. Shelf life		
f. Density		
g. Bulk density		
h. Flammability		
i. Flash Point		
j. Compatibility with other pesticides		
k. pH		
l. pH of 1% aqueous dilution		

m.	Oxidizing properties		
n.	Corrosiveness		
o.	Water content		
p.	Wettability		
q.	Solubility in water		
r.	Foaming		
s.	Particle size		
t.	Suspensibility/emulsifiability		
u.	Emulsion stability		
v.	Volatility		
w.	Viscosity		
x.	Other properties (where applicable)		
y.	Method of Analysis		

2. TOXICOLOGY

a.	Rat	Acute oral LD50 mg/kg		
b.	Acute dermal LD50 mg/kg			
c.	Inhalation LC50 mg/l /hour			
d.	Rabbit	Skin irritation		
e.	Eye irritation			
f.	Sensitisation in guinea pig			
g.	WHO classification			
h.	Other studies			

3. EMERGENCY PROCEDURES IN CASE OF ACCIDENTAL EXPOSURE OR POISONING

a.	Symptoms of human poisoning			
b.	First aid treatment			
c.	Skin contact			

d.	Eye contact		
e.	Inhalation		
f.	Ingestion		
g.	Antidote		
h.	Note to physician		
4. EMERGENCY PROCEDURES IN CASE OF FIRE/SPILLAGE			
a.	Fire fighting measures		
b.	Procedures in case of spillage		
5.	USES (New label claims with this application)		
a.	Crop/area of use		
b.	Target organism		
c.	Rate		
d.	Stage of treatment		
e.	Directions for use		
f.	Residue data and pre-harvest interval		
g.	Phytotoxicity		
h.	Contraindications		
6. MINIMUM LABEL REQUIREMENTS			
a.	Product identification		
b.	Warnings and use restrictions		
c.	Safety precautions		
d.	First aid/note to physician (as applicable)		
e.	Pictograms (if applicable)		
f.	FAO colour code (if applicable)/group		
g.	Directions for use		
7. STORAGE CONDITIONS			

a. Temperature		
b. Humidity		

Form 2
APPLICATION FOR A TEMPORARY IMPORT PERMIT
(reg 5(1)(a))

I/ We.....

Of (mailing address)

.....

.....

wish to import the following agrochemical(s)

Product Name	Active Ingredient	Registration Number	Country of Origin	Quantity

The importation will be made during the periodto

Signature

Date

Form 3

**APPLICATION FOR A PERMIT FOR THE IMPORT OF AN AGROCHEMICAL FOR
RESEARCH OR EXPERIMENTAL PURPOSES**

(reg 5(1)(b))

Name of applicant.....

Postal address.

.....

.....

Tel no.

Physical address

.....

Tel no.

Common name of the agrochemical(s).....

.....

.....

Trade name(s) or code number of the agrochemical.....

.....

.....

Chemical name(s) of the agrochemical.....

.....

.....

Main active ingredient(s)

Type of agrochemical

Type of formulation

Classification according to Botswana system

Dermal and oral mammalian toxicity

Amount of agrochemical being imported

Intended use of the agrochemical.....

.....
.....
Place(s) where the agrochemical will be used

.....
.....

Name and qualifications of officer in charge of research or experiment

Signature

Date.....

Form 4
APPLICATION FOR A LICENCE TO FACILITATE THE TRANSIT OF AN
AGROCHEMICAL FROM ONE COUNTRY TO ANOTHER

(reg 5(1)(c))

Name of applicant

Postal address

Name of the agrochemical

Quantities of the agrochemical.....

Type of packaging.....

Type of warning signs on the consignment.....

Mode of transport

Country of origin

Country of destination.....

Entry point

Exit point

Intended date of entry.....

Intended date of exit.....

Name of officer in charge of the consignment.....

Address

Tel no.

Signature of authorised officer.....

Date.....

NOTE: PLEASE ATTACH LETTER OF CONSENT FROM INTENDED RECIPIENT OF THE CONSIGNMENT.

Form 5
APPLICATION FOR A LICENCE TO DISPOSE OF AN AGROCHEMICAL AND ITS BY-PRODUCTS

(reg 5(1)(d))

Name of applicant

Postal address

Physical address

.....

.....

Tel no.

Physical address

.....

.....

Tel no.

Name of agrochemical.....

Formulation.....

Container type.....

Quantities to be disposed.....

Method of disposal.....

Place where disposal operation will take place.....

Date of intended disposal operation

Name of officer in charge of the disposal operation.....

Qualifications of officer in charge of the disposal operation.....

.....

Signature.....

Date.....

Form 6
APPLICATION FOR A LICENCE TO MANUFACTURE AN AGROCHEMICAL
(reg 5(1)(e))

Name of applicant

Postal address

.....

.....

Tel no.....

Physical address

.....

Tel no.....

Product to be manufactured.....

.....

Quantities intended to be produced per annum.....

Use of the formulated final product

Signature.....

Date.....

Form 7
APPLICATION FOR A LICENCE TO IMPORT, SELL OR DISTRIBUTE AN
AGROCHEMICAL
(reg 5(1)(f))

Name of applicant

Postal address.

Physical address.

.....

.....

Tel no.....

Agrochemicals to be imported, sold or distributed.....

.....

.....

Type.....

Formulation

Quantities

Intended uses

Registration numbers(s) of the products.....

.....

.....

.....

Country of origin

Date of manufacture.....

Registration number in country of origin.....

Name and qualification of officer in charge.....

.....

Signature

Date.....

Form 8
APPLICATION FOR A LICENCE TO COMMERCIALY USE AN AGROCHEMICAL

(reg 5(1)(g))

Name of applicant

Postal address

Telephone Number

Physical address

Telephone Number

Type of application (pest, weed control fertilizer application, etc)
.....

Application equipment to be used
.....

Name and qualifications of technical staff in charge
.....

Signature

Date

Form 9
AGROCHEMICALS IMPORT PERMIT

(reg 5(2))

Indicate by ticking the appropriate:

I. (a) Import Permit (for research or experimental purposes)

(b) Temporary Import Permit (for own use)

Permit No. issued on..... under Regulation 5 of the
Agrochemicals Regulations, made thereunder

To

(Name and Company) whereas the said permit holder is hereby granted a permit to import
the following agrochemicals:

Product Name	Active Ingredient	Registration Number	Country of Origin	Quantity

for the period from.....to

Permit is subject to the following conditions:

1. According to the Agrochemicals Act (Cap. 35:09) and Agrochemicals Regulations (Cap. 35:09 (Sub. Leg.)).
2. As per attached conditions

Signature.....
Registrar

Date.....

Official Stamp

Form 10
AGROCHEMICALS LICENCE

(reg 5(2))

Licence No. issued on under Regulation 5 of the Agrochemicals Regulations, made thereunder

To:.....

.....

(Name and Company) whereas the said licence holder is hereby granted a license for

.....

.....

.....

.....

for the period fromto

Licensing is subject to the following conditions:

1. According the Agrochemicals Act (Cap. 35:09) and Agrochemicals Regulations.
2. As per attached conditions

Signature.....
Registrar

Date.....

Official Stamp

**SECOND SCHEDULE
AGROCHEMICAL REGISTRATION CERTIFICATE**

(reg 4)

Agrochemical Registration Certificate number.....

Category of registration.....

Common name.....

Trade name

Name and address of applicant

.....

.....

.....

This is to certify that the above mentioned agrochemical has been approved and registered for sale or use in Botswana under conditions detailed below:

.....

.....

.....

.....

This certificate is valid until.....

Signature

Registrar

Date.....

**THIRD SCHEDULE
INFORMATION TO BE WRITTEN ON A LABEL**

(reg 6(3))

.....

A label shall show -

- (a) the trade name of the agrochemical;
- (b) the international common (standard) name or the chemical formula of the active ingredient contained in the agrochemical, the formulation of the agrochemical and the purpose for which the agrochemical is to be used;
- (c) the classification of the agrochemical according to toxicity in accordance with the Fourth Schedule;
- (d) warning signs printed in letters which are clear and distinct, and pictograms shall be used whenever possible;
- (e) the net weight or volume content of the container;
- (f) directions for use and compatibility with other preparations:

Provided that if the container is too small to allow sufficient space for directions for use, directions may be inserted inside the container for solid formulations or be affixed to the container, but not in such a way that danger signs and toxicity class markings are concealed;

- (g) the name and address of the manufacturer, distributor or agent of the agrochemical;
- (h) the registration number provided by the Committee;
- (i) the date of manufacture and the maximum shelf life of the agrochemical;
- (j) the content in the product of each of the active ingredients and their chemical description and the total content of other substances in the agrochemical;
- (k) a statement, when required of the pre-harvest interval or the period which should elapse between the last application of the agrochemical and the -
 - (a) harvest of the plant;
 - (b) grazing of treated areas;
 - (c) slaughter of treated animals for food;
 - (d) feeding produce;
 - (e) planting of subsequent crops;
- (l) the batch number of the agrochemical; and
- (m) first aid instructions and advice to doctors regarding exposure to the agrochemical.

PESTICIDES label LAYOUT (Based on the FAO three panel label)		
LEFT PANEL:	CENTRE OR SALES PANEL:	RIGHT PANEL:
BEFORE USING THIS PRODUCT READ the LABEL CAREFULLY!		
SAFETY & PRECAUTIONS: Disposal methods Storage conditions WARNING PHRASES: SYMPTOMS OF POISONING: FIRST AID: ADVICE TO DOCTOR: (specify antidote if available) RESISTANCE WARNING: USE RESTRICTIONS: WAITING PERIODS FOR FOLLOW-UP CROPS: (when applicable)	PRODUCT NAME Concentration of active ingredient and formulation type. Description of product and summary of uses. Product Group Code according to mode of action (according to IRAC, FRAC or HRAC code system). KEEP LOCKED UP OUT OF REACH OF CHILDREN Registration number of Act no. xxx of xxx Country of Origin: Manufacturer: Distributor, agent: Manufacturing date: Expiry date/Shelf life: Batch number: Net content: Trade mark acknowledgement.:	DIRECTION FOR USE: Mixing instructions: Application Rate: Compatibility: Ground Application Aerial application (when applicable): RE-ENTRY PERIOD: (when applicable) PRE-HARVEST INTERVAL: LEGAL RESPONSIBILITY/ WARRANTY:
Colour code/Hazard symbol - According to WHO Hazard classification.		

**FOURTH SCHEDULE
CLASSIFICATION OF AGROCHEMICALS ACCORDING TO TOXICITY**

(reg 6(4))

Toxicity Class	Colour Code	Hazard Statement/Symbol	Acute LD50 for the rat(mg/kg)			
			Oral		Dermal	
			Solid	Liquid	Solid	Liquid
1a Extremely hazardous	Red	Very toxic/skull and cross bones	5 or less	20 or less	10 or less	40 or less
1b Highly hazardous	Red	Toxic/skull and cross bones	5-50	20-200	10-100	40-400
II Moderately hazardous	Yellow	Harmful	50-500	200-2000	100-1000	400-4000
III Slightly hazardous	Blue	Caution	>500	>2000	>1000	>4000
IV Unlikely to be hazardous in normal Use Green	Green	-	-	-	-	-

**FIFTH SCHEDULE
CODES TO BE USED FOR AGROCHEMICALS FORMULATIONS**

(reg 6(5))

<i>Code</i>	<i>Formulation Type</i>
AB	Grain bait
AE	Aerosol generator
AL	Other liquids to be applied undiluted
BB	Block bait
BR	Briquette
CB	Bait concentrate
CG	Encapsulated granule
CS	Capsule suspension
DC	Dispersible concentrate
DP	Dustable powder

DS	Powder for seed treatment
EC	Emulsifiable concentrate
ED	Electrochargeable liquid
EO	Emulsion, water in oil
ES	Emulsion for seed treatment
EW	Emulsion, oil in water
FD	Smoke tin
FG	Fine granule
FK	Smoke candle
FP	Smoke cartridge
FR	Smoke rodlet
FS	Flowable concentrate for seed treatment
FT	Smoke tablet
FU	Smoke generator
FW	Smoke pellet
GA	Gas
GB	Granular bait
GE	Gas generating product
GG	Magrogranule
GP	Flo-dust
GR	Granule
GS	Grease
HN	Hot fogging concentrate
KN	Cold fogging concentrate
LA	Lacquer
LS	Solution for seed treatment

MG	Microgranuel
OF	Oil miscible suspension/flowable concentrate
OL	Oil miscible liquid
OP	Oil dispersible powder
PA	Paste
PB	Plate bait
PC	Gel or paste concentrate
PO	Pour-on
PR	Plant rodlet
PS	Seed coated with a pesticide
RB	Ready to use bait
SA	Spot on
SB	Scrap bait
SC	Suspension concentrate
SG	Water soluble granules
SL	Soluble concentrate
SO	Spreading concentrate
SP	Water soluble powder
SS	Water soluble powder for seed treatment
SU	Ultra low volume suspension
TB	Tablet
TC	Technical material
TK	Technical concentrate
TP	Tracking powder
UL	Ultra low volume liquid
VP	Vapour releasing product

WG	Water dispersible granules
WP	Wettable powder
WS	Water dispersible powder for slurry treatment
XX	Others