

AGROCHEMICALS ACT  
(Cap. 35:09)

AGROCHEMICALS (AMENDMENT) REGULATIONS, 2005  
(Published on 10th June, 2005)

ARRANGEMENT OF REGULATIONS

REGULATIONS

1. Citation
2. Amendment of Regulation 3 of Cap. 35:09 (Sub. Leg.)
3. Substitution of Regulation 5 to the Regulations
4. Amendment of First Schedule to the Regulations
5. Amendment of Third Schedule to the Regulations
6. Substitution of Fourth Schedule to the Regulations

SCHEDULE

IN EXERCISE of the powers conferred on the Minister of Agriculture by section 31 of the Agrochemicals Act, the following Regulations are hereby made —

1. These Regulations may be cited as the Agrochemicals (Amendment) Regulations, 2005. Citation
2. The Agrochemicals Regulations (hereinafter referred to as “the Regulations”) are amended in regulation 3 (2) — Amendment of Regulation 3 of Cap. 35:09 (Sub. Leg.)
  - (a) by inserting, immediately after paragraph (e) thereof, the following new paragraph (f) —  
“(f) a fee of P500.”
  - (b) by inserting immediately after subregulation (2), the following new subregulations (2A) and (2B) —  
“(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. The Regulations are amended by substituting, for regulation 5 thereof, the following new regulation — Substitution of Regulation 5 of the Regulations

“Other applications      5 (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.”.

Amendment of  
First Schedule to  
the Regulations

4. The First Schedule to the Regulations is amended by —

(a) substituting, for Form 1 thereof, the following new Form 1 as set out in paragraph (a) to the Schedule hereto;

(b) substituting for Form 2, the following new Form 2 as set out in paragraph (b) of the Schedule hereto;

(c) substituting for Form 8 thereof, the following new Form 8 as set out in paragraph (c) to the Schedule hereto;

(d) inserting therein, immediately after Form 8, the following new Forms 9 and 10 as set out in paragraph (d) to the Schedule hereto.

Amendment of  
Third Schedule  
to the  
Regulations

5. The Third Schedule to the Regulations is amended by inserting, at the end thereof, the new Pesticide Label Layout set out in paragraph (e) to the Schedule hereto.

Substitution of  
Fourth  
Schedule to the  
Regulations

6. The Fourth Schedule to the Regulations is amended by substituting for that Schedule, the Schedule set out in paragraph (f) to the Schedule hereto.

SCHEDULE



REPUBLIC OF BOTSWANA

Agrochemicals Act  
(Cap. 35:09)

Agrochemicals Regulations  
(Cap. 35:09 (Sub. Leg))

**APPLICATION FOR THE REGISTRATION OF AN AGROCHEMICAL**

**FORM 1**

(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:	

<b>1. APPLICANT</b>	<b>Name/Corporate name of company Reg. no. of registration holder</b>	<b>Name of distributor/agent in Botswana (if different from registration holder)</b>
<b>1.1 Identification</b>		
<b>1.2 Status: (Importer/formulator/distributor)</b>		
<b>1.3 Physical Address:</b>		
<b>1.4 Postal Address:</b>		
<b>1.5 Telephone:</b>		
<b>1.6 Fax:</b>		
<b>1.7 e-Mail:</b>		

<b>1. IDENTIFICATION</b>			
<b>2.1 Designation</b>	Trade name:		
	Trade mark:		
	Trade mark holder:		
<b>2.2 Function of product (e.g. insecticide, herbicide)</b>			
<b>2.3 Intended use: (veterinary, agriculture, forestry, public health etc)</b>			
<b>2.4 Target pest(s) and host(s):</b>			
<b>2.5 Method, dosage rates and frequency of application: (if required)</b>			
<b>2.6 Type of formulation:</b>		<input type="checkbox"/> Emulsion <input type="checkbox"/> Suspension <input type="checkbox"/> Solution <input type="checkbox"/> Powder <input type="checkbox"/> Granule <input type="checkbox"/> Other: _____	
<b>2.7 Existing reg. no.: (if relevant)</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>2.8 Registration in SEARCH country/ies:</b>			
<b>2.9 Registration in other country/ies:</b>			
<b>2.10 Is the product registered in country of manufacture and destination:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>3. ANALYTICAL DATA (Analytical grade) (may be attached in sealed envelope)</b>			
Active ingredient(s): (Common name/s)	Manufacturer: (Name and address)	Net wt. or purity:	Dosage %:
<b>4. CONTACT INFORMATION (may be attached in sealed envelope)</b>			
<b>4.1 Formulator: (Name)</b>		<b>Address:</b>	
<b>5. ANALYTICAL DATA (may be attached in sealed envelope)</b>			
Ingredients and amounts (e.g. manufacturer)	Net wt.	Purity	Dosage %

5. TOXICOLOGY (formulated product)						
5.1 RAT:	Acute Oral (LD50 mg/kg)		Acute Dermal (LD50 mg/kg)		Inhalation LC <sub>50</sub> (mg/100ml/4hr)	
	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:		Ia	Ib	II	III	IV
5.5 Summary of other Mammalian Toxicological Studies:						
5.6 Summary of Environmental Effects:						
5.6.1 Toxicity to bees:						
5.6.2 Toxicity to fish and other aquatic organisms:						
5.6.3 Toxicity to birds:						
5.6.4 Toxicity to earthworms and soil micro organisms:						
5.6.5 Toxicity to other non-target organisms:						
5.6.6 Persistence in environment:						
5.6.7 Other effects:						

6.1 Packaging material/container:	
6.2 Pack size(s):	
6.3 Disposal of empty container(s):	

<b>7. STORAGE CONDITIONS</b>
7.1 Temperature
7.2 Humidity

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 Registrar                      Date:

**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.

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)

<b>I. DESIGNATION</b>		
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		
a. Physical state		
b. Colour		
c. Odour		
d. Density at 20½C		
e. Vapour pressure at 20/25½C		
f. Volatility		
g. Hydrolysis DT50..... Days.....½C.....pH		
h. Photolysis		
i. Solubility in water.....½C.....pH		
j. Solubility organic solvents		
k. n-octanol/water partition coefficient		
l. Boiling point ½C		
m. Melting point ½C		
n. Decomposition temperature ½C		
o. Method of Analysis and Impurities		
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)		

<b>h. Reproduction (specify species)</b>		
<b>i. Subchronic toxicity 90 day NOEL mg/kg/day</b>		
<b>j. Chronic toxicity NOEL mg./kg/day</b>		
<b>k. Carcinogenicity (life time) NOEL mg/kg/day</b>		
<b>l. Neurotoxicity NOEL mg/kg/day</b>		
<b>m. Teratogenicity NOEL mg/kg/day</b>		
<b>n. Mutagenicity / Genotoxicity</b>		
<b>o. Metabolism (rat)</b>		
<b>p. Other studies</b>		
<b>a. Birds (2 species)</b>	LD <sup>50</sup> mg/kg	
	NOEL	
	LD <sup>50</sup> mg/kg	
	NOEL	
	Reproduction	
<b>b. Fish (2 species)</b>	LD <sup>50</sup> mg/kg	
	NOEL	
	LD <sup>50</sup> mg/kg	
	NOEL	
	Reproduction	
<b>c. Daphnia</b>	LC <sup>50</sup> mg/l	
	NOEL	
<b>d. Algae</b>	LC <sup>50</sup> mg/l	
	NOEL	
<b>e. Bees</b>	LD <sup>50</sup> µg/bees	
	NOEL	
<b>f. Earthworms</b>	LC <sup>50</sup> mg/kg	
<b>g. Soil micro-organisms</b>		
<b>Behaviour, ways of degradation, degradation products in soil:</b>		
<b>a. Major metabolites</b>		
<b>b. DT<sup>50</sup> (days)</b>		
<b>c. Mobility</b>		
<b>d. Adsorption</b>		
<b>e. Mobility of metabolites</b>		
<b>Behaviour, ways of degradation, degradation products in water:</b>		
<b>f. Major Metabolites</b>		
<b>g. DT50 (days)</b>		
<b>h. Surface</b>		
<b>i. Ground</b>		

<b>6. Mode of action</b>		
<b>a. Major metabolites</b>		
<b>b. Metabolism</b>		
<b>c. Behaviour of residues</b>		
<b>d. Crop</b>		
<b>e. MRL codex</b>		
<b>f. MRL country</b>		
<b>g. PHI &amp; MRL proposed</b>		
<b>h. Method of residue analysis</b>		
<b>a.</b>		
<b>b.</b>		
<b>c.</b>		
<b>d.</b>		
<b>e.</b>		
<b>f.</b>		

**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.

<b>FORMULATED PRODUCT</b>	<b>Annex, No. in dossier if study included</b>	<b>Official use only</b>
<b>1. PHYSICAL AND CHEMICAL PROPERTIES</b>		
<b>a. Physical state/formulation type</b>		
<b>b. Colour</b>		
<b>c. Odour</b>		
<b>d. Storage stability</b>		
<b>e. Shelf life</b>		
<b>f. Density</b>		
<b>g. Bulk density</b>		
<b>h. Flammability</b>		
<b>i. Flash Point</b>		
<b>j. Compatibility with other pesticides</b>		
<b>k. pH</b>		
<b>l. pH of 1% aqueous dilution</b>		
<b>m. Oxidizing properties</b>		
<b>n. Corrosiveness</b>		
<b>o. Water content</b>		
<b>p. Wettability</b>		
<b>q. Solubility in water</b>		
<b>r. Foaming</b>		
<b>s. Particle size</b>		
<b>t. Suspensibility/emulsifiability</b>		

u. Emulsion stability		
v. Volatility		
w. Viscosity		
x. Other properties (where applicable)		
y. Method of Analysis		
<b>2. 毒性的試驗數據</b>		
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		
<b>3. EMERGENCY PROCEDURES IN CASE OF ACCIDENTAL EXPOSURE OR POISONING</b>		
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		
<b>4. EMERGENCY PROCEDURES IN CASE OF FIRE/SPILLAGE</b>		
a. Fire fighting measures		
b. Procedures in case of spillage		
<b>5. 使用說明書 (除在標籤上說明外) 的資料</b>		
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		
<b>6. 標籤上的資料 REQUIREMENTS</b>		
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		
<b>7. 儲存條件</b>		
a. Temperature		
b. Humidity		

(b)

“FORM 2  
(reg 5(1(a)))

APPLICATION FOR A TEMPORARY IMPORT PERMIT

I/We.....

Of (mailing address) .....  
.....  
.....

Product Name	Active Ingredient	Registration Number	Country of Origin	Quantity

The importation will be made during the period .....to .....

Signature .....

Date .....”.

(c)

**“FORM 8  
(reg 5(1)(g))**

**APPLICATION FOR A LICENCE TO COMMERCIALY USE AN AGROCHEMICAL**

**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** .....”.

(d)

“FORM 9  
(reg 5(2))



Agrochemicals Act  
(Cap. 35:09)

Agrochemicals Regulations  
(Cap. 35:09 (Sub. Leg.))

Agrochemicals Import Permit

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  
(reg 5 (2))



Agrochemicals Act  
(Cap. 35:09)

Agrochemicals Regulations  
(Cap. 35:09 (Sub. Leg.))

Agrochemicals Licence

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 from .....to .....

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".

(e)

**"THIRD SCHEDULE  
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!**

<b>SAFETY &amp; PRECAUTIONS:</b> Disposal methodsStorage conditions	<b>PRODUCT NAME</b> Concentration of active ingredient and formulation type.	<b>DIRECTION FOR USE:</b> Mixing instructions:
<b>WARNING PHRASES:</b>	Description of product and summary of uses.	Application Rate:
<b>SYMPTOMS OF POISONING:</b>	Product Group Code according to mode of action (according to IRAC, FRAC or HRAC code system).	Compatibility:
<b>FIRST AID:</b>	<b>KEEP LOCKED UP OUT OF REACH OF CHILDREN</b>	Ground Application
<b>ADVICE TO DOCTOR:</b> (specify antidote if available)	Registration number of Act no. xxx of xxx	Aerial application (when applicable):
<b>RESISTANCE WARNING:</b>	Country of Origin:	<b>RE-ENTRY PERIOD:</b> (when applicable)
<b>USE RESTRICTIONS:</b>	Manufacturer:	<b>PRE-HARVEST INTERVAL:</b>
<b>WAITING PERIODS FOR FOLLOW-UP CROPS:</b> (when applicable)	Distributor, agent:	<b>LEGAL RESPONSIBILITY/ WARRANTY:</b>
	Manufacturing date:	
	Expiry date/Shelf life:	
	Batch number:	
	Net content:	
	Trade mark acknowledgement.:	

**Colour code/Hazard symbol - According to WHO Hazard classification. "**

**"FOURTH SCHEDULE**

**CLASSIFICATION OF AGROCHEMICALS ACCORDING TO TOXICITY**

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

MADE this 1st day of June, 2005.

**JOHNNIE KEEMENAO SWARTZ,**  
*Minister of Agriculture.*