



Insecticide Registration User Manual

Agriculture Department Govt. Bihar

9/13/2020





Objective of Insecticide Registration

The objective of Insecticide registration is to ensure that insecticides manufactured and sale or distributed in the market are effective for their intended purpose and do not pose unacceptable risk to human or animal health or the environment.

Responsibilities

Responsibilities in the manufacturing, sale or distribution of insecticides is to establish full account of local needs, social and economic conditions, levels of literacy, climatic conditions and availability of appropriate insecticide application and personal protective equipment. Also to create the technical and administrative infrastructure to manage manufacturing and sales or distribution of insecticides.

Introduction

Vector-borne diseases are among the major causes of illness and death in Asia Region. Vector control plays a key role in prevention and control of major vector-borne diseases such as malaria, dengue, leishmaniosis and chikungunya, and often constitutes the first line of activity in case of epidemics. Chemical control (use of insecticides) is still the most important element in the integrated approach to vector control.

The public health burden caused by nuisance pests (mostly insects and rodents) is also significant in the Region, leading to the use of considerable volumes of insecticides and rodenticides for personal protection.

Because of the importance of public health pesticides for the prevention and control of human diseases, it is essential that they are efficacious, cost-effective and operationally acceptable. However, the long-term sustainability of vector-borne disease control in the Region is threatened due to growing insecticide resistance and the depleted arsenal of less hazardous and cost-effective insecticides.



Insecticide Sales or Distribution Company should:

- (a) Apply for grant of license by providing all information as specified by the government guidelines.
- (b) Ensure that the active ingredient(s) and other ingredients of insecticide product correspond in identity, quality, purity and composition to the substances tested, evaluated and cleared for toxicological and environmental acceptability.
- (c) Refrain from putting any product, in the market prior to the approval by the responsible authorities.
- (d) Strictly comply with the conditions, as granted by the responsible authorities.
- (e) Provide details of safety, firefighting equipment in the premises where sale or manufacture of insecticide will take place.
- (f) Provide all relevant information to inspection services, customs and follow carefully the requirements specified by authority.
- (g) If required company should provide with data of manufacturing, sale or distribute of insecticide to authority.

Insecticide users should:

- (a) Adhere to restrictions related to the use of the product and use it only for its purposes as specified on the label.
- (b) Strictly follow instructions for storage, use, precautions and disposal as specified on the label or other information documents such as safety data sheets.
- (c) Strictly apply the insecticide according to label instructions, including observing correct dosage, safety precautions and use of personal protective equipment.
- (d) Ensure that proper personal and environmental precautions are followed during application.
- (e) Notify the responsible authority of any adverse effects such as poisoning incidence during the application of insecticide.
- (f) Maintain records and report use of restrictive insecticide as required under the insecticides Act 1968.
- (g) Safely dispose of any surplus insecticide or empty container as advised on the label or stipulated by local regulations while in their possession.
- (h) Maintain records and report use of restrictive pesticides as required under the law.



Execution Process:

Commercial Pest Control



1. INSPECTION
2. PREVENTIVE ACTION
3. IDENTIFICATION
4. ANALYSIS
5. TREATMENT SELECTION
6. MONITORING
7. DOCUMENTATION

Step 1: Inspection

Routine inspections should focus on areas where pests are most likely to appear and identify any potential entry points, food and water sources, or harborage zones that might encourage pest problems.

Step 2: Preventive Action

One of the most effective prevention measures is exclusion, i.e., performing structural maintenance to close potential entry points revealed during inspection. By physically keeping pests out, you can reduce the need for chemical countermeasures.

Step 3: Identification

Different pests have different behaviors. By identifying the problematic species, pests can be eliminated more efficiently and with the least risk of harm to other organisms.

Step 4: Analysis

Once you have properly identified the pest, you need to figure out why the pest is in your facility. Is there food debris or moisture accumulation that may be attracting it? What about odors? How are the pests finding their way in – through the floors or walls? The answers to these questions will lead to the best choice of control techniques.



Step 5: Treatment Selection

Use the right treatments in the right places, and only as much as you need to get the job done. Often, the “right treatment” will consist of a combination of responses, from chemical treatments to baiting to trapping. By focusing on non-chemical options first, you can ensure that your pest management program is effectively eliminating pests at the least risk to your food safety program.

Step 6: Monitoring

Since pest management is an ongoing process, constantly monitoring your facility for pest activity and facility and operational changes can protect against infestation and help eliminate existing ones.

Step 7: Documentation

Up-to-date pest control documentation is one of the first signs to an auditor that your facility takes pest control seriously. Important documents include a scope of service, pest activity reports, service reports, corrective action reports, trap layout maps, lists of approved pesticides, pesticide usage reports and applicator licenses.



Insecticides Manufacturing



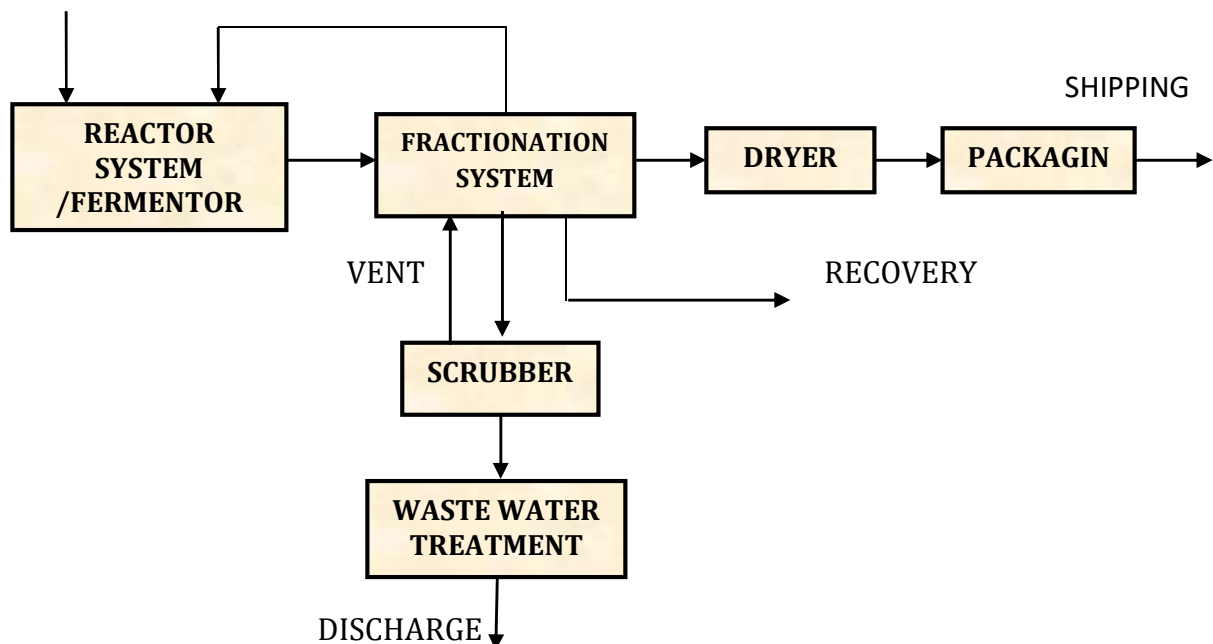
Types of Pesticides/Insecticides

- Insecticides – insects.
- Herbicides – plants.
- Rodenticides – rodents (rats & mice)
- Bactericides – bacteria.
- Fungicides – fungi.
- Larvicides – larvae.

In insecticide, pesticide manufacturing, an active ingredient is first synthesized in chemical factory.

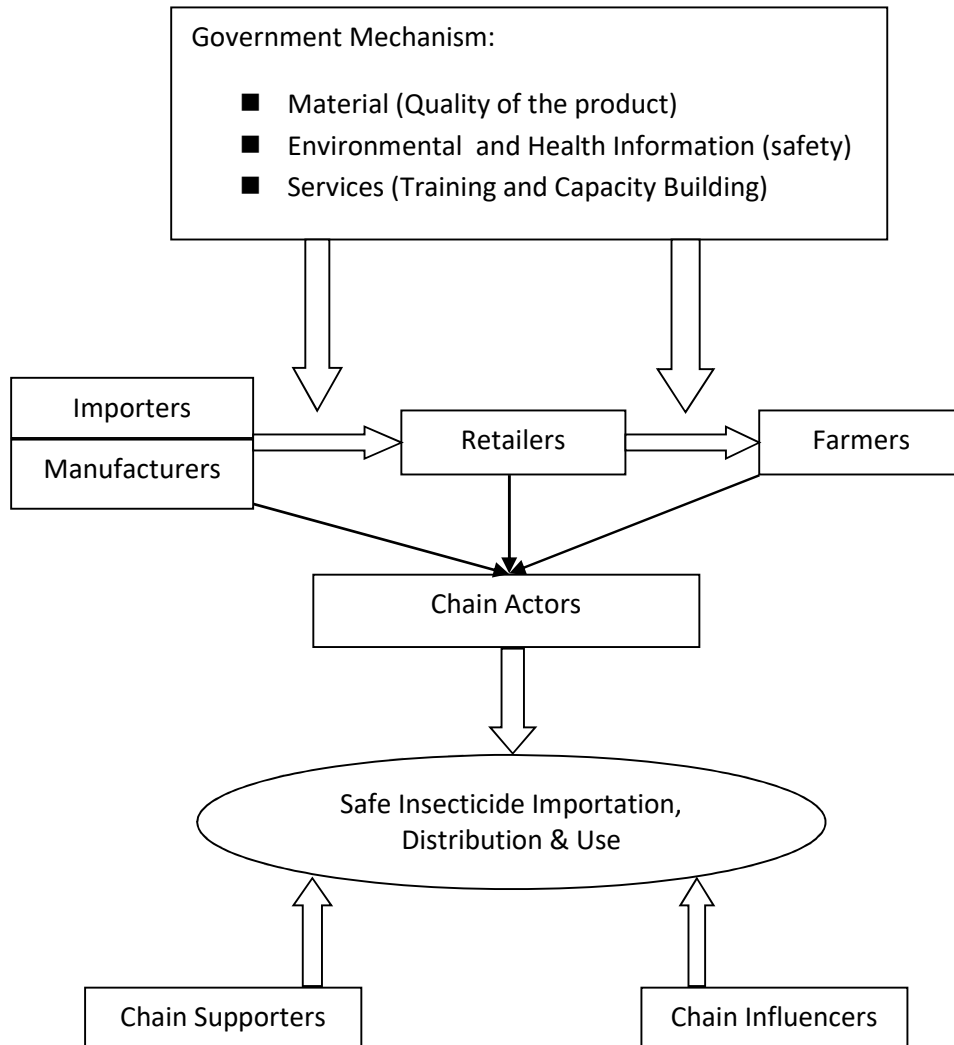
Next, a formulator mixes the active ingredient with a carrier for liquid pesticide or with inert powders or dry fertilizers for dust pesticide, then bottles or packages it.

RAW MATERIALS





Sell/Stock/Exhibit







Notices






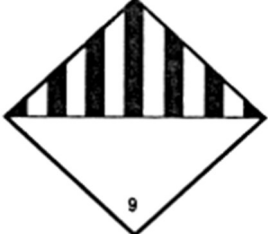
A notice should be displayed on the outside of the store in the local language(s) with a skull and crossbones sign. The notice should read: "**Danger pesticides. Authorized entry only**". Strategically placed signs should be visually obvious and placed on the inside and outside of insecticide stores.

These should read: "**No smoking: no naked or half-dressed flame**". There should also be a list of colour codes on display in the store and on containers. Sticky labels for placing on metal and plastic containers are available. **The lists as in below Figure.**

FIGURE 7 - Warning signs for display in stores and on containers

Hazard Label	Hazard Class	Method of storage
	1. (In)flammable gas (red background)	Segregate; explosion-proof equipment or open-air storage needed
	2. (In)flammable liquids; flashpoint 55°C or lower (red background)	Not exceed 250 tonnes unless fire-protected Recommended not to exceed 250 tonnes
	3. (In)flammable solids (vertical red and white background)	Recommended not to exceed 250 tonnes
	4. Spontaneously combustible (lower half red, upper half white)	Segregate, open-air storage recommended



	5. Dangerous when wet (blue background)	Segregate; no sprinkler! protect from rain
	6. Oxidizing substances (yellow background)	Separate from flammables or combustibles
	7. Poisonous substances (white background)	Legal requirements may demand segregation if highly toxic
	8 Corrosives (white and black background)	Separate from pesticides packed in metal
	(white background) Various dangerous substances	
	(white and black background)	No limit; if non-combustible, use as a barrier for separation



Steps of Insecticide Registration & Form Submission.

Insecticide Registration and form Submission comprises of following pages:

1. User Authentication.
2. Personal Details.
3. User Log In.
4. Business Details.
5. Insecticide Details.
6. Qualification & Training.
7. Infrastructure Details.
8. Miscellaneous Details.
9. Payment Details.
10. Upload Attachments.
11. Preview & Submit.

1. **User Authentication:** Application will ask user to Authenticate his Aadhar details:

DEALER/MANUFACTURE LICENSE ISSUING SYSTEM!

New/Renewal Seed/Fertilizer/Pesticide Licence!

Home

Registration For Licence (Seed, Pesticide & Fertilizers)

Choose Authentication Type

DEMOGRAPHY + OTP DEMOGRAPHY + BIO-AUTH IRIS (Working) **NEW**



2. **Personal Details:** After Authentication user will have to provide “Personal Details”, as in ‘Company Name’, ‘Address’, ‘Mobile Number’, ‘PAN & GST Number’, ‘Password’ and ‘Confirm Password’.

Providing all above information user will check self-declaration and Click “GET OTP” button.

The screenshot shows a web form titled "Registration For Licence (Seed, Pesticide & Fertilizers)". It features an Adhaar Authentication section with a green checkmark icon. Below this is the "Personal Details" section, which includes a red warning: "** All field are mandatory." The form fields are arranged in a grid:

Name	<input type="text"/>	Company/Firm Name	<input type="text"/>
Gender	--Select--	Financial Year	2019-20
District	--Select--	Block	--Select--
Postal Address	<input type="text"/>	Email ID	<input type="text"/>
PAN No.	<input type="text"/>	Mobile No.	<input type="text"/>
Adhaar No.	<input type="text"/>	GST No.	<input type="text"/>

Below the personal details is the "Password Help" section with a red warning: "** 1. Minimum length is 8 characters 2. Must contain at least one number. 3. Must contain at least one special character." It contains two input fields: "Password" and "Re-Enter Password".

The "Declaration" section has a checkbox and the text: "I hereby declare that the details furnished above are true and correct to the best of my knowledge."

The "OTP" section has the text: "OTP (4 Digit OTP send on above mentioned mobile number)" and a green "Get OTP" button.



3. **LogIn:** User will log in with Id & Password, received through sms on his registered mobile number.

LOGIN

Registration No/User Id

Password

Login



4. **Business Details:** Application will now ask user to provide “Business Details” where he will choose:
- **Licence Apply for:** a) Director State Level b) JDPP State Level c) Division Level d) District Level.
 - **Licence Valid in Region:** a) State b) Division c) District
 - **Insecticide License Applying for:** a) Insecticide Manufacturing b) Sell Stock and Exhibit Insecticide c) Pest Control Operations.
 - **Type of License:** New/Renew.
 - He will click “**Save & Continue**” button after filling all information.

****User can choose one type of Insecticide License either Manufacturing or Pest Control or Sell Stock but once ‘Save & Continue’ button is clicked; he will not be able to change it any more.**



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1

Business Details

2

Insecticide Details

3

Qualification &
Training

4

Infrastructure Details

5

Miscellaneous Details

6

Payment Details

7

Attachments

BUSINESS DETAILS

Licence Apply For

Select Apply For

Licence Valid In

Select Valid In Region

Insecticide Licence For

Select Licence For

Licence Type

Select Licence Type

Company/Proprietor Name

Enter Company/Proprietor Name

Applicant Name

Aadhar No.

GST No.

Enter GST Number

PAN No.

Enter PAN Number

Save And Continue

- Insecticide Details:** User will be shown "Insecticide Details" page where he will fill all insecticide related details as in '*Insecticide Name*', '*CIB Code*', '*Insecticide Registration & Principal Certificate details*'. Filling one insecticide detail at a time he can add multiple details by clicking '**Add**' button.
After providing all information applicant will click "**Save & Continue**" button to move next page.



INSECTICIDE DETAILS

Insecticide Name

Please Enter one Insecticide Name Only.

Insecticide CIB Code

Insecticide Registration Date (yyyy-MM-dd)
Insecticide Registration Valid Upto (yyyy-MM-dd)

Insecticide Importer Manufacturer Name
Principal Certificate No.

Principle Certificate Issue Date (yyyy-MM-dd)
Principle Certificate Valid Upto (yyyy-MM-dd)

Sl No.	Insecticide Name	C.I.B. No.	Registration Validity Period	Importer or Manufacture Name	Principal Certificate No.	Princ Valid Peri
NO Data Available						

6. **Qualification & Training:** Here applicant will add qualification and training details of himself or his employee(s). He will have provision to add more than one detail by clicking 'Add' button.



Qualification & Training Details ✕

Tech Person Info	Tech Person Name
<input type="text" value="Select Technical Person Info Type"/>	<input type="text" value="Tech Person Name"/>
Tech Designation	Qualification
<input type="text" value="Tech Person Designation"/>	<input type="text" value="Select Qualification"/>
Year Of Experience	Training Completed
<input type="text" value="Enter Year Of Experience"/>	<input type="text" value="Training Completed"/>
Training Course Name	
<input type="text" value="Enter Training Course Name"/>	

7. **Infrastructure Details:** After submitting qualification & training page applicant will be shown "Infrastructure Details".

Here applicant will provide complete infrastructure address details, he can also add more than one address by clicking 'Add' button, after adding all details applicant will click



“Save & Continue” button.



INFRASTRUCTURE DETAILS

Sl No.	Address Type	Address	City	District	State	Country	PINCode	Situated In Residence	Food Artical At Store	Action
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NO Data Available

Add Infrastructure Details

Save And Continue



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कृषि विभाग

8. **Miscellaneous Details:** In this page user will provide all other miscellaneous information with respect to license he is applying for e.g Manufacturing, Pest Control and Sell Stock.



MISCELLANEOUS DETAILS

Approval of Technical Expertise Obtained

Select Technical Exprtis Approval

Name Of The Responsible Technical Person

Enter Responsible Tech. Person Name

Technical Person State Ref. No. of Approval

Enter Tech. Expert State Ref No.

Technical Person State Ref. No.

Valid From (yyyy-MM-dd)

Enter Tech. Expert Valid From D:

Technical Person State Ref. No.

Valid Upto (yyyy-MM-dd)

Enter Tech. Expert Valid Upto D:

Any Quantity of Restricted Insecticide in Possession

Select Restricted Incecticide Possession

Quantity of Restricted Insecticide in Possession

0

Save And Continue



9. **Payment Details:** Here user will provide payment information as in *'Bank Name', 'Payment Receipt/Chalan Number', and 'Payment Amount'* also he will upload copy of payment receipt (pdf format) . After submitting all required details user will click **"Save & Continue"** button.



PAYMENTS DETAILS

Offline Payment

Bank Name

Chalan No.

Chalan Date (yyyy-MM-dd)

Chalan Amount

Upload Chalan* (PDF Only)

Online Payment

Coming Soon.....



10. **Upload Attachments:** User will upload all mandatory documents in the asked format and size.



ATTACHMENTS

Sl No.	Document	Description	Action	
1	Applicant Photograph *	JPEG only. Size less than 1000 KB greater than 100 KB	Attach	Upload
2	Authorization Letter *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload
3	Chemist Qualification Details *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload
4	Details of non standard insecticides *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload
5	Educational Qualification *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload
6	Expired Insecticides report *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload
7	Identity Proof *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload
8	Late Fee *	PDF only. Size less than 150 KB greater than 100 KB	Attach	Upload



11. **Preview and Submit:** After uploading all relevant documents user can view (preview) his details and then he can finally submit his online Insecticide application form.

Preview

Form II
GRANT OF LICENSE TO MANUFACTURE INSECTICIDES
[See Sub-rule (1) of Rule 9]
Registration No : BHA2301932720

Business Details

Licence Applied For:	MANUFACTURING INSECTICIDES	Licence Type:	NEWLICENCE
Name:	DHIRAJ KUMAR	Company/Proprietor Name:	ABC PVT LTD



e) I undertake that we shall forthwith inform any change in the responsible technical person.

f) I undertake that we shall forthwith inform any change in principle certificate to the licensing officer (not applicable for application for licence to manufacture)

g) I further declare that I am making this application in my capacity and that I am competent to make this application and verify it by virtue an attested copy of which is enclosed herewith. I further declare that I shall abide by the conditions laid down in the license and failure to do so shall render the license liable to cancellation.

Place : Patna

Date : 27-07-2020

Print



Final Submit



Close Preview

