



**MINISTER OF AGRICULTURE
REPUBLIC OF INDONESIA**

**REGULATION OF THE MINISTER OF AGRICULTURE OF THE REPUBLIC OF
INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES**

BY THE GRACE OF GOD ALMIGHTY

MINISTER OF AGRICULTURE OF THE REPUBLIC OF INDONESIA

- Reviewing
- a . that pesticides are toxic materials that has the potential to have a negative impact on the environment and biodiversity, causing resistance, resurgence, the emergence of new pests, as well as health problems to humans and other living things, therefore it must be managed with care;
 - b . that Regulation of the Minister of Agriculture Number 39/Permentan/SR.330/7/2015 on Pesticide Registration as amended by Regulation of the Minister of Agriculture Number 06/Permentan/ SR.330/1/2018 on Amendments to Regulation of the Minister of Agriculture Number 39/Permentan/SR.330/7/2015 on Pesticide Registration is not in accordance with the development of science and technology, hence must be replaced;
 - c . that based on the considerations referred to in paragraphs a and b, and to implement the provisions of Article 2 paragraph (2) Government Regulation Number 7 of 1973 on Supervision of the Distribution, Storage, and Use of Pesticides, it is necessary to stipulate the Regulation of the Minister of Agriculture on Pesticide Registration;

In View Of:

- 1.** Law Number 12 of 1992 on Plant Cultivation System (State Gazette of the Republic of Indonesia of 1992 Number 46, Supplement to the State Gazette of the Republic of Indonesia Number 3478);
- 2.** Government Regulation Number 7 of 1973 on Supervision of the Distribution, Storage and Use of Pesticides (State Gazette of the Republic of Indonesia of 1973 Number 12);
- 3.** Presidential Regulation Number 7 of 2015 on Organization of State Ministries (State Gazette of the Republic of Indonesia of 2015 Number 8);
- 4.** Presidential Regulation No. 45 of 2015 on the Ministry of Agriculture (Statute Book No. 85 of 2015);
- 5.** Regulation of the Minister of Agriculture Number 43/Permentan/ OT.010/8/2015 on Organization and Work Procedure of the Ministry of Agriculture (State Gazette of the Republic of Indonesia of 2015 Number 1243);

DECREES:

Stipulates:

REGULATION OF THE MINISTER OF AGRICULTURE REGARDING
REGISTRATION OF PESTICIDES.

CHAPTER I
GENERAL PROVISIONS

Article 1

In this Ministerial Regulation what is meant by:

1. Pesticides are all chemicals and other materials as well as microorganisms and viruses that are used to:
 - a.** eradicate or prevent pests and diseases that damage crops, parts of plants, or agriculture;
 - b.** eradicate grasses;
 - c.** kill leaves and prevent unwanted growth;

- d.** regulate or stimulate plant growth or parts of plants not including fertilizer;
 - e.** eradicate or prevent external pests in domestic animals and livestock;
 - f.** eradicate or prevent water pests;
 - g.** eradicate or prevent animals and microorganisms in the household, buildings and transportation equipment; and / or
 - h.** eradicate or prevent animals that can cause disease in humans or animals that need to be protected by use in plants, soil or water.
- 2.** Pesticide Registration is the process of obtaining a Pesticide registration number and permit by fulfilling specified requirements.
 - 3.** Active Ingredients are synthetic chemicals or natural ingredients contained in Technical Materials or Pesticide Formulations that have toxic power or other biological effects on the target organism.
 - 4.** Technical Materials are raw materials for manufacturing Formulations produced from the manufacture of Active Ingredients, which contain Active Ingredients and Impurities or may also contain other ingredients needed.
 - 5.** Impure Materials, hereinafter referred to as Impurities, are materials produced from the Active Ingredient Production process which cannot be avoided.
 - 6.** Relevant Impure Materials, hereinafter referred to as Relevant Impurities, are impurities that when compared with active ingredients have toxicological effects on humans or the environment.
 - 7.** Pesticide Additives are ingredients added to Active Ingredients to make Pesticide Formulations.

- 8.** Formulation is a mixture of Active Ingredients with Additives with certain levels and forms that have the ability to work as a Pesticide in accordance with planned objectives.
- 9.** Formulation Owner is an individual or legal entity that has a Pesticide Formulation Recipe.
- 10.** Formulation Recipe is a statement that states the type and content of Active Ingredients and Pesticide Additives contained in a Pesticide Formulation and/or how to formulate a Pesticide using Technical Materials or Active Ingredients and other constituent ingredients.
- 11.** Production of Pesticides, hereinafter referred to as Production, is the activity of manufacturing Active Materials and/or Pesticide Formulations.
- 12.** Circulation is import-export and sale-purchase at home country including its transportation.
- 13.** Storage is having in stock on the yard or in a space used by importers, traders or in agricultural businesses.
- 14.** Active Pesticides are Pesticides that are registered and have a distribution permit and are traded by distributors and kiosks in the target area.
- 15.** Container is a place that is in direct contact with Pesticides for storing during handling.
- 16.** Label is writing accompanied by pictures or symbols to provide information about Pesticides and attached to Pesticide Containers or wrappers.
- 17.** User is a person or legal entity that uses Pesticides.
- 18.** Naming of the Formulation is the trade name of a Pesticide Formulation that is registered by the applicant.
- 19.** Director General is a high-level official in the Ministry of Agriculture who carries out the duties and functions of agricultural infrastructure and facilities.
- 20.** The Central Chief is the Central Chief that carries out the duties and functions of agricultural licensing.

Article 2

- (1) Everyone in the use of Pesticides must use Pesticides that have obtained the Minister's permission.
- (2) Pesticide Permit referred to in paragraph (1) consists of:
 - a. trial permit;
 - b. permanent permit; and
 - c. temporary permit.

Article 3

Pesticides are used in the fields of:

- a. crop management, to control target organisms or increase growth in plants;
- b. livestock, to control pests in the environment of animals and livestock;
- c. fisheries, to control target organisms/prevent water pests in aquaculture of freshwater, brackish water, and sea water;
- d. forestry, to control target organisms on forest products or preservation of forest products;
- e. storage of agricultural products (food crops, horticulture, plantations, animal husbandry, fisheries, and forestry), to control target organisms in the storage of agricultural products;
- f. settlements, buildings, and households, to control and/or prevent disruptive organisms and disease vectors in humans;
- g. quarantine and pre-shipment, to control target organisms in carrying out quarantine and pre-shipment actions; and
- h. mode of transportation, to control target organisms in the mode of transportation.

CHAPTER II CLASSIFICATION

Article 4

Pesticides are classified by:

- a.** Active Ingredients;
- b.** Danger; and
- c.** Scope of use.

Article 5

Classification of Pesticides based on Active Ingredients as referred to in Article 4 letter a consists of:

- a.** Synthetic pesticides; and
- b.** Pesticide

Article 6

Synthetic pesticides as referred to in Article 5 letter a are active ingredients of 1 (one) or more synthetic compounds.

Article 7

- (1) Natural pesticides as referred to in Article 5 letter b are Pesticides with active ingredients derived from living things or natural minerals.
- (2) Natural pesticides as intended in paragraph (1) consist of:
 - a.** Biological pesticides;
 - b.** Metabolites pesticides; and
 - c.** Mineral pesticides.
- (3) Biological pesticides as referred to in paragraph (2) letter a, are made from active micro-organisms or viruses.
- (4) Pesticide metabolites as referred to in paragraph (2) letter b, are made from active secondary compounds of living things.
- (5) Mineral pesticides as referred to in paragraph (2) letter c, are active ingredients of natural minerals

Article 8

- (1) Classification of Pesticides based on danger as referred to in Article 4 letter b consists of:
 - a.** Prohibited pesticides; and
 - b.** Non-prohibited pesticides.
- (2) Non-prohibited pesticides as referred to in paragraph (1) letter b, can be registered.

Article 9

Prohibited pesticides as referred to in Article 8 paragraph (1) letter a, are based on:

- a.** Active Ingredients and/or Additives; or
- b.** Test result.

Article 10

- (1) Types of Active Ingredients and Additives which are prohibited as referred to in Article 9 letter a are listed in Appendix I which is an integral part of this Ministerial Regulation.
- (2) In addition to the types of Active Ingredients and Additives as referred to in paragraph (1), if it:
 - a.** has a carcinogenic effect based on the International Agency for Research on Cancer (IARC) (categories I and IIa) and the Food and Agriculture Organization (FAO)/World Health Organization (WHO) Joint Meeting on Pesticide Residues (JMPR);
 - b.** has mutagenic and teratogenic effects based on FAO and WHO;
 - c.** is a class of antibiotics that cause drug resistance in humans; and/or
 - d.** is included in Persistent Organic Pollutants (POPs) under the Stockholm Convention,is prohibited.
- (3) In the event that Active Ingredients and Additives have Relevant Impurities, they must follow the specifications set by the FAO and/or WHO.

- (4) In the case there is no reference to the Relevant Impurities specification as referred to in paragraph (3), a report of 5 (five) repetitions of the production process or 5 (five) batch analysis and risk assessment must be included.

Article 11

- (1) Test results as referred to in Article 9 letter b shall be carried out on Pesticide Formulations to determine the hazard class based on WHO classification.
- (2) The hazard class as referred to in paragraph (1) consists of:
- a.** Ia (extremely dangerous);
 - b.** Ib (very dangerous);
 - c.** II (dangerous);
 - d.** III (quite dangerous); and
 - e.** IV (harmless in normal use).
- (3) If the test results as intended in paragraph (1) are included in class Ia (extremely dangerous) or class Ib (very dangerous), it is prohibited.
- (4) The hazard class as referred to in paragraph (2) is listed in Appendix II which is an integral part of this Ministerial Regulation.

Article 12

Pesticide classification based on the scope of use as referred to in Article 4 letter c consists of:

- a.** Limited pesticides; and
- b.** Pesticides for general use.

Article 13

- (1) Limited pesticides as referred to in Article 12 letter a are in the form of Pesticides that use Active Materials and/or Pesticide Additives as listed in Appendix III which is an integral part of this Ministerial Regulation.

(2) In addition to Active Ingredients and Pesticide Additives as referred to in paragraph (1), if Pesticides use Active Ingredients and/or Pesticide Additives which:

- a.** cause irreversible damage to the ocular tissue, resulting in corneal contraction or irritation for 7 (seven) days or more;
- b.** cause damage to the dermis tissue and/or scars or cause severe irritation for up to 72 (seventy-two) hours or more;
- c.** have an LC50 inhalation of Active Ingredient less than 0.05 mg/l for 4 (four) hours of exposure period; and/or
- d.** Pesticides or their residues cause sub chronic, chronic, or delayed poisoning that is apparent to humans in their sole and compound use,

will be included in limited Pesticides.

Article 14

Pesticides for general use as referred to in Article 12 letter b are Pesticides that do not belong to the classification of limited Pesticides as referred to in Article 13.

CHAPTER III TRIAL PERMITS

Part One General

Article 15

Pesticide trial permission is given to the applicant to prove the truth of the claim regarding the quality, efficacy, and safety of Pesticides.

Article 16

The application for a Pesticide Trial permit as referred to in Article 15 is made by a legal entity or a non-legal entity.

Part Two
Requirements

Article 17

(1) The application for a Pesticide Trial permit as referred to in Article 15 must meet the following administrative requirements:

- a.** Business Registration Number (NIB);
- b.** Pesticide Registration form that has been filled;
- c.** a statement informing of having the right to sign a letter in the context of registration and licensing;
- d.** brand certificate/proof of trademark registration;
- e.** a guarantee letter of supply of Active Material/Technical Material from Active Material/Technical Material supplier and/or registration data access from Active Material/Technical Material supplier (Letter of Authorization) for self-producing;
- f.** a guarantee letter of supply of Active Material/Technical Material from Active Material/Technical Material supplier for those who do not self-produce (Letter of Access),
- g.** Production permit from the competent authority on manufacturing Active Materials/Technical Materials (manufacturing license) issued by the authorized body in the country of origin;
- h.** proof of domestic mastery of Production facilities (Active Material/Technical Material factory, Formulation factory, or packaging factory) as evidenced by a Pesticide industry permit; and
- i.** declaration of the truth of documents in accordance with Format-1 as listed in Appendix VI which is an integral part of this Ministerial Regulation.

- (2)** In the event that the requirements referred to in paragraph (1) letter h are not met, the applicant must cooperate with the domestic Formulation factory or the Pesticide packaging plant as evidenced by a certificate of Production cooperation.
- (3)** In the case that the owner of the Formulation is from abroad, the application for a Pesticide trial permit is made through the appointment of an attorney/representative of an Indonesian legal entity and based in Indonesia.
- (4)** Appointment of the power of attorney/representative as referred to in paragraph (3) can only be made for 1 (one) power of attorney/representative of a legal entity.

Article 18

The application for a Pesticide Trial permit as referred to in Article 15 must meet the following technical requirements:

- a.** certificate of analysis (CoA) from an accredited quality testing laboratory;
- b.** chromatograms resulting from the analysis of Technical Materials from accredited quality testing laboratories except natural Pesticides, pheromones, attractants, ZPT, and rodenticides; and
- c.** certificate of composition formulation (CoC) from the formulation maker.

Part Three

Procedure for Granting Pesticide Trial Permits

Article 19

- (1)** To obtain a Pesticide trial permit as referred to in Article 15, the applicant submits an application to the Minister through the Central Chief.
- (2)** The application referred to in paragraph (1) is made online in accordance with the provisions of the legislation.

Article 20

- (1) Application referred to in Article 19 is made by attaching administrative requirements as referred to in Article 17 and technical requirements as referred to in Article 18.
- (2) The Central Chief will give its response to reject or accept within a maximum period of 3 (three) working days after receiving a complete application for Pesticide registration, finish checking the completeness and accuracy of the administrative requirements as referred to in paragraph (1).
- (3) Rejected application as referred to in paragraph (2) shall be conveyed online to the applicant accompanied by the reason for the refusal.
- (4) Accepted application as referred to in paragraph (2) will subsequently be submitted by the Central Chief to the Director General for technical evaluation.

Article 21

- (1) The Director General in conducting the technical assessment referred to in Article 20 paragraph (4) shall be assisted by a technical team of the Pesticides commission.
- (2) The Pesticide commission technical team as referred to in paragraph (1) evaluates the technical requirements referred to in Article 18.
- (3) In conducting technical assessment as referred to in paragraph (2), the Pesticides commission technical team will have periodic meetings of at least 1 (one) time in 1 (one) month.
- (4) The results of the evaluation of the Pesticides commission technical team as referred to in paragraph (2) in the form of suggestions and/or considerations, shall be submitted in writing to the Director General as material to decide on rejecting, postponing, or accepting the application.

Article 22

- (1) The application is rejected as referred to in Article 21 paragraph (4) if it does not meet technical requirements.
- (2) Rejected application as referred to in paragraph (1) will be notified by the Director General to the applicant in writing with reasons for rejection through the Central Chief for a maximum period of 2 (two) working days.

Article 23

- (1) The application is postponed, as referred to in Article 21 paragraph (4), if further clarification for the technical requirements submitted by the applicant is needed.
- (2) Postponed application as referred to in paragraph (1) will be notified by the Director General to the applicant in writing with reasons for the postponement through the Central Chief for a maximum period of 2 (two) working days.
- (3) The applicant must complete the data or provide clarification for the postponement no later than 5 (five) working days after receiving the postponement notification by the Central Chief.
- (4) (4) If the applicant does not complete the data or provide clarification as referred to in paragraph (3), the application is rejected.

Article 24

- (1) The application is accepted as referred to in Article 21 paragraph (4) if it meets the technical requirements.
- (2) The application is accepted as referred to in paragraph (1), within a period of 20 (twenty) working days, the Director General on behalf of the Minister grants the Pesticide trial permit.
- (3) Pesticide trial permits as referred to in paragraph (2) are stipulated by a Ministerial Decree signed by the Director General on behalf of the Minister and submitted to the Central Chief.

- (4) The Central Chief within a maximum period of 2 (two) working days from receiving the Ministerial Decree signed by the Director General on behalf of the Minister, conveys it to the applicant.

Article 25

- (1) Pesticide trial permit as referred to in Article 24 is valid for a period of 1 (one) year.
- (2) A trial permit as referred to in paragraph (1) may be extended 2 (two) times for a period of 1 (one) year each.
- (3) Extension of the trial permit as referred to in paragraph (2) shall be submitted no later than 1 (one) month before the validity period expires.
- (4) If the request for extension of a trial permit has passed the time referred to in paragraph (3), the extension of the trial permit is rejected.
- (5) The procedure for applying for a Pesticide trial permit as referred to in Article 19 through Article 24 mutatis mutandis applies to applications for extension of a Pesticide trial permit.

Article 26

- (1) Pesticides currently in the process of applying for a Pesticide trial permit, are prohibited from being distributed and/or used commercially.
- (2) Pesticides with trial permit for or without permit are prohibited from being distributed and/or used commercially.

Article 27

- (1) The applicant or the holder of a trial permit is required to provide data or information as referred to in Article 17 and Article 18 correctly and used according to their rights.

- (2) The holder of a trial permit that cooperates with a Production facility as referred to in Article 17 paragraph (2) is obliged to carry out a collaboration in accordance with the submitted certificate of Production cooperation.

CHAPTER IV
PERMANENT PERMIT

Part One
General

Article 28

- (1) Permanent permit is given to the applicant to allow them to produce, distribute, and use Pesticides and/or Pesticide Technical Materials.
- (2) Permanent permit as referred to in paragraph (1) consist of:
- a. permanent permit for pesticide;
 - b. Permanent permit for Pesticide Technical Material; and
 - c. Permanent permit for Pesticides for export.

Article 29

The application for a permanent permit as referred to in Article 28 is made by a business entity both incorporated and not incorporated.

Part Two
Requirements

Article 30

Application for a permanent permit for Pesticides in addition to meeting the requirements referred to in Article 17 and Article 18, must meet the following requirements:

- a. own a Pesticide trial permit;
- b. certificate of the analysis results of quality tests, except pheromones and attractants;

- c.** reports on the results of acute oral and acute dermal toxicity tests, except for biological pesticides, PGR, pheromones, and attractants;
- d.** report on the results of environmental toxicity tests for lowland rice commodities, except pheromones, attractants, and rodenticides;
- e.** for plant management, the results of testing the efficacy of target organisms in accordance with applicable provisions and is carried out at 2 (two) locations of different commodity centers for each target organism and commodity except ZPT, pheromones, attractants, rodenticides, and natural pesticides carried out at 1 (one) location of commodity centers;
- f.** 1 (one) efficacy testing unit is for 1 (one) commodity and 1 (one) target organism only; and
- g.** antagonistic test results for registration of Pesticide Formulations with active ingredients in the fields of use of plant management, except ZPT, pheromone pesticides, attractants, and rodenticides.

Article 31

Application for permanent permit for Pesticide Technical Material and permanent permit for Pesticide used for export, besides fulfilling the requirements as intended in Article 17 and Article 18, must fulfill the requirements of the certificate of quality test analysis results.

Article 32

- (1)** Registered pesticides must be given a trade/brand name as the identity of each Formulation.
- (2)** The trade/brand name referred to in paragraph (1) may not be the same or almost the same as the Formulation that has been registered in the name of another business entity.
- (3)** The giving of a trade/brand name as referred to in paragraph (1) shall be carried out in accordance with the provisions of the law.

Part Three
Procedure for Registration

Article 33

- (1)** To obtain a permanent permit for Pesticides, permanent permit for Pesticide Technical Materials, and permanent permit for Pesticides used for export as referred to in Article 28 paragraph (2), the applicant must submit an application to the Minister through the Central Chief.
- (2)** The application referred to in paragraph (1) is made online in accordance with the provisions of the law.

Article 34

- (1)** Application for:
- a.** Permanent Permit for Pesticides, attach the administrative requirements as referred to in Article 17 as well as technical requirements as referred to in Article 18 and Article 30; and
 - b.** Permanent permit for Pesticide Technical Material and pesticide used for export, attach the administrative requirements as referred to in Article 17 and technical requirements as referred to in Article 18 and Article 31.
- (2)** The application as referred to in paragraph (1) use the forms in accordance with:
- a.** Format-2, for Registration of synthetic and natural pesticides;
 - b.** Format-3, for Registration of attractant pesticides/plant growth regulators;
 - c.** Format-4, for Registration of household pesticides and control of disease vectors in humans;
 - d.** Format-5, for Registration of Technical Materials; or
 - e.** Format-6, for Registration of Pesticides for Export;
- as stated in Appendix VI which is an integral part of this Ministerial Regulation.

- (3) Within a maximum period of 3 (three) working days after receiving a complete application for Pesticide Registration, The Central Chief must finish checking the completeness and correctness of the administrative requirements as referred to in paragraph (1) and respond with a decision to reject or accept.
- (4) The application is rejected as referred to in paragraph (3) will be conveyed through online means to the applicant accompanied by reason for the rejection.
- (5) The Central Chief will submit the accepted application, as referred in paragraph (3), to the Director General for evaluation of technical assessments.

Article 35

- (1) The Director General in evaluating the technical assessment as referred to in Article 34 paragraph (5) is assisted by the Pesticides commission through the Pesticides commission technical team.
- (2) The Pesticide commission technical team as referred to in paragraph (1) evaluates the evaluation of technical requirements as referred to in Article 34 paragraph (1).
- (3) Evaluation of the technical requirements as referred to in paragraph (2) is carried out in accordance with the technical criteria established by a Ministerial Decree.
- (4) The evaluation results as referred to in paragraph (3) are then discussed at the Pesticide commission plenary meeting.

Article 36

The results of the evaluation referred to in Article 35 paragraph (4), the Pesticides commission will propose to reject, postpone, or accept the application for registration.

Article 37

(1) If the evaluation result of the Pesticides commission is to rejected as referred to in Article 36, the Director General through the Central Chief will submit the rejection to the applicant with the reason for rejection within a maximum period of 7 (seven) working days.

(2) After receiving the rejection notification as referred to in paragraph (1), the applicant may provide a response to the Director General through the Central Chief within 30 (thirty) working days after receiving the rejection notification.

(3) The response referred to in paragraph (2) will be submitted by the Director General to the Pesticides commission to be discussed in the next plenary meeting.

Article 38

(1) If the result of the Pesticides commission is to postponed as referred to in Article 36, the Director General through the Central Chief will inform the applicant accompanied by the reason for the postponement within a maximum period of 7 (seven) working days.

(2) After receiving the notification of postponement as referred to in paragraph (1), the applicant must complete the data or provide clarification no later than 7 (seven) working days before the Pesticide commission technical team meeting next period.

(3) If within the period of 5 (five) working days prior to the next meeting of the Pesticide commission technical team the applicant has not met the completion for the postponement, the application is rejected.

Article 39

(1) If the evaluation results of the Pesticides commission is accepted as referred to in Article 36, the Director General proposes to the Minister to approve the registration number and permanent permit.

- (2) The Minister within a maximum period of 90 (ninety) working days from receiving the proposal as referred to in paragraph (1) will have decided to accept or reject.
- (3) The decision to reject as referred to in paragraph (2) shall be submitted to the applicant through the Central Chief for a maximum period of 7 (seven) working days.

Article 40

- (1) The decision to accept as referred to in Article 39 paragraph (2) shall be given a registration number and a permanent permit of Pesticides determined by a Ministerial Decree.
- (2) Ministerial Decree as referred to in paragraph (1) will be conveyed to the applicant through the Central Chief for a maximum period of 7 (seven) working days.

Article 41

The permanent permit as referred to in Article 40 is valid for a period of 5 (five) years and can be re-registered.

Article 42

The procedure for numbering permanent permits as referred to in Article 40 is listed in Appendix IV which is an integral part of this Ministerial Regulation.

Article 43

Pesticides that are in the process of applying for registration numbers and permits for Pesticides are prohibited from being distributed and/or used commercially.

Article 44

Applicants who have obtained registration numbers and permanent permits for Pesticides as referred to in Article 40:

- a. for household pesticides, over a period of time of maximum of 2 (two) years are required to produce Pesticides as an Active Pesticide; and

- b. Pesticides other than for households, for a maximum period of 1 (one) year are required to produce Pesticides as Active Pesticides.

Article 45

Pesticides that obtain permanent licenses of Pesticides for export as referred to in Article 28 paragraph (2) letter c are prohibited from being circulated and/or used domestically.

Article 46

Holders of registration numbers and owners of Production facilities must submit reports on Production and Distribution of Pesticides, Pesticide Technical Materials, and Pesticides used for export every semester in July and January to the Director General through the Central Chief in accordance with Format-7 as listed in Appendix VI which is an inseparable part from this Ministerial Regulation.

Article 47

Holders of registration numbers and permanent permits must guarantee the quality of Pesticides, Pesticides Technical Materials, and Pesticides used for export produced and/or circulated.

Article 48

- (1) Officers in charge of registration and licensing along with examining agency officials are required to maintain the truth and confidentiality of the data and information regarding pesticides.
- (2) Confidentiality as referred to in paragraph (1) is in accordance with provisions of the law.

CHAPTER V
TEMPORARY PERMIT

Article 49

- (1) Temporary permits are granted in the event of a mass outbreaks of pests in certain areas and no Pesticides are registered for said pest.

- (2) Outbreaks of mass organisms as referred to in paragraph (1) are proposed by the department that has functions in agriculture and/or health in the province or district/city to the technical directorate general.

Article 50

A temporary permit for Pesticides as referred to in Article 49 is given to the owner of the registration number of Pesticides or Pesticide products that are able to control the outbreaks.

Article 51

- (1) The temporary permit for Pesticides as referred to in Article 49 shall be valid until the outbreaks of pests can be controlled or no later than 1 (one) year.
- (2) The success of controlling the pest organisms as referred to in paragraph (1) shall be issued by the office with functions in agriculture and/or health in areas affected by the outbreaks.

Article 52

The procedure for applying for a temporary permit for Pesticides is determined by the Director General.

CHAPTER VI COLLECTING SAMPLE OF PESTICIDES

Article 53

- (1) An applicant who has been granted a trial permit as referred to in Article 25 must provide a sample of pesticides for testing.
- (2) Sampling for testing as referred to in paragraph (1) is carried out by Sampling Officers (PPC) or officers appointed by the Director General.

Article 54

Samples of pesticides taken as intended in Article 53 are submitted to the Director General to be sealed for the purposes of quality testing, toxicity testing, and/or efficacy testing.

Article 55

- (1) Quality test, toxicity test, and/or efficacy test as intended in Article 54 is conducted by an accredited testing institution.
- (2) In the event that there is no accredited testing institution as referred to in paragraph (1), the test can be carried out at the test institution appointed by the Minister.
- (3) The test institute appointed by the Minister as referred to in paragraph (3) shall be determined by a Ministerial Decree.

Article 56

The designated quality testing laboratory as referred to in Article 55 paragraph (3) within a maximum period of 2 (two) years after this Ministerial Regulation comes into force, must obtain an accreditation.

Article 57

Samples of sealed pesticides as referred to in Article 54 are submitted to the testing agency for quality testing, toxicity testing, and/or efficacy testing accompanied by a letter of introduction from the Director General.

Article 58

- (1) The results of the quality test, toxicity test, and/or efficacy test as referred to in Article 57 must include the number and date of the seal of the Pesticide by the testing agency.
- (2) Test results as referred to in paragraph (1) shall be submitted to the Director General for evaluation by the Pesticide commission technical team in the process of requesting registration numbers and permanent permits.

Article 59

Toxicity and efficacy tests as referred to in Article 54 must follow the standard methods established by the Director General.

Article 60

The testing procedures as referred to in Article 53 to Article 59 shall mutatis mutandis apply to the testing of Technical Materials for Pesticides and Pesticides used for export except for efficacy and toxicological testing.

CHAPTER VII
RE-REGISTRATION, EXPANSION OF USE,
TRANSFER, CHANGE, AND REVOCATION

Part One

Re-registration

Article 61

- (1) In the event that a permanent permit for Pesticides as referred to in Article 41 will expire, registration can be carried out again.
- (2) Re-registration of a permanent permit as referred to in paragraph (1) shall be made no later than 90 (ninety) days before the permanent permit period expires.
- (3) If application for re-registration of a permanent permit has passed the time referred to in paragraph (2), re-registration is rejected

Article 62

Permanent permits for Pesticides can be re-registered with:

- a. Formulation for quality test results, formulation certificate (COC) certificate from the formulator, certificate of analysis (COA) from an accredited quality testing laboratory, at least 2 (two) years before the permit expires; and

- b. The results of the efficacy test are carried out at 1 (one) location or 1 (one) unit for all target organisms and commodities that have been registered for 10 (ten) years or more.

Article 63

A permanent permit for a Pesticide Technical Material can be re-registered with the results of a quality test of a Pesticide Technical Material from a quality testing laboratory at the earliest 1 (one) year before the permit expires.

Article 64

Permanent permits for Pesticides used for export can be re-registered, complete with quality test results from the quality testing laboratory at the earliest 1 (one) year before the permit expires.

Article 65

- (1) Holders of registration numbers and permits must submit applications for re-registration as referred to in Article 61 through Article 64 to the Minister through the Central Chief.
- (2) The application for re-registration as referred to in paragraph (1) shall be submitted to the Director General to be discussed in the plenary meeting of the Pesticide commission.
- (3) The results of the discussion referred to in paragraph (2), the Pesticides commission proposes to reject, postpone, or accept the application.

Article 66

If the results of the evaluation referred to in Article 65 paragraph (3) is rejected, the Director General through the Central Chief shall submit the rejection to the applicant accompanied by the reasons for the rejection.

Article 67

- (1) If the results of the evaluation of the Pesticides commission is postponed as referred to in Article 65 paragraph (3), the Director General through the Central Chief for a maximum period of 7 (seven) working days informs the applicant accompanied by the reason for the postponement.
- (2) The applicant after receiving the notification of postponement as referred to in paragraph (1), must complete the data or provide clarification no later than 7 (seven) working days before the next Pesticide commission technical team meeting.
- (3) If within the period of 5 (five) working days prior to the meeting of the Pesticide commission technical team, the applicant has not met the completion of the postponement, the application is rejected.

Article 68

- (1) If the evaluation results referred to in Article 65 paragraph (3) are accepted, the Director General proposes to the Minister to obtain approval for re-registration.
- (2) Approval of re-registration as referred to in paragraph (1) shall be determined by a Ministerial Decree.

Article 69

- (1) If the holder of the registration number and permit does not re-register or its application have been rejected, the registration number and permit will expire in accordance with the law.
- (2) Pesticides, Technical Materials for Pesticides, and Pesticides used for export, whose registration number and permanent permit have expired or have had the re-registration rejected must be withdrawn from circulation.
- (3) Withdrawal from Distribution shall be made no later than 90 (ninety) days from the date of expiration of the number and permit for registration or rejection for re-registration.

Article 70

Every person is prohibited from producing, distributing, and using Pesticides, Technical Materials for Pesticides, and Pesticides used for export which do not have a registration number and permanent permit or have expired permit.

Part Two

Expansion of Pesticide Use

Article 71

- (1) Holders of registration numbers and permanent permits of Pesticides as referred to in Article 40, can expand the target organisms and/or commodities after obtaining approval from the Minister.
- (2) The expansion referred to in paragraph (1) is intended not to expand the field of use and/or types of Pesticides.

Article 72

- (1) Holders of registration numbers and permanent permits of Pesticides submit applications for expansion of use as referred to in Article 71 to the Minister through the Central Chief by attaching the results of the efficacy testing of the target organism and/or commodity.
- (2) For the expansion of target organisms and/or commodities in rice plants, other than having the requirements as referred to in paragraph (1), environmental toxicity testing must be completed.
- (3) The efficacy test results of the target organism as referred to in paragraph (1) for the field of plant management shall be carried out at 2 (two) different commodity centers locations for each target organism except natural pesticides, PGR, pheromones, attractants, and rodenticides carried out at 1 (one) location of commodity centers.

Article 73

- (1) Requests for expansion of the use of target organisms and / or commodities by the Central Chief are submitted to the Director General to be discussed in the plenary meeting of the Pesticide commission.
- (2) If the results of the discussion referred to in paragraph (1) is rejected, the Director General through the Head of the Central Office will informed the applicant accompanied by the reasons for the rejection.
- (3) If the results of the discussion referred to in paragraph (1) is accepted, the Director General proposes the Minister for approval.

Article 74

Approval of the expansion of the use of target organisms and/or commodities as referred to in Article 73 paragraph (3) is stipulated with a Ministerial decree.

Article 75

Holders of registration numbers and permanent permits of Pesticides are prohibited from expanding the use of target organisms and/or commodities that have not been registered in the registration numbers and permanent permits.

Article 76

Holders of registration numbers and permanent permits of Pesticides are prohibited from expanding the use of target organisms and/or commodities which are not in accordance with the registration numbers and permanent permits.

Part Three Transfer

Article 77

Registration numbers and permits can still be transferred or diverted:

- a. after 3 (three) years from the date of issuance of the registration number and permanent license; or

- b. the appointment of another party as the holder of the registration number and permanent permit due to a merger, acquisition or divestment.

Article 78

- (1) Transition of registration number and permanent permit as referred to in Article 77 must be proven by an official report of handover or a written agreement that is legalized by a Notarial Deed.
- (2) Minutes of the handover or the written agreement as referred to in paragraph (1) by the holder of the registration number and permanent permit are must be reported to the Minister through the Central Chief for approval.

Article 79

Requests for the transitioning of the registration numbers and permanent permits as referred to in Article 78 must be completed with administrative requirements as referred to in Article 17.

Article 80

- (1) The report on the transfer of registration number and permanent permit by the Head of Central shall be submitted to the Director General for verification.
- (2) If the results of verification as referred to in paragraph (1) are rejected, the Director General through the Head of the Central Office will informed the applicant the reasons for the rejection.
- (3) If the verification results as referred to in paragraph (1) are accepted, the Director General proposes to the Minister to obtain approval.

Pasal 81

Approval of the transition of registration number and permanent permit as referred to in Article 80 paragraph (3) shall be determined by a Ministerial Decree.

Article 82

Holders of registration numbers and permanent permits must report changes to holders of registration numbers and permanent permits to the Director General through the Central Chief.

Part Four
Amendment

Article 83

- (1) Pesticides that have been registered can be amended.
- (2) Amendment as referred to in paragraph (1) include:
 - a. Trade/brand names of the Active Ingredients;
 - b. Container and/or wrapping package;
 - c. address of the holder of registration number;
 - d. origin of the Active Ingredients/Technical Materials;
 - e. solvent content;
 - f. emulsifying level; and
 - g. carrier content.

Article 84

- (1) Holders of registration numbers and permits shall continue to submit the application for amendment as referred to in Article 83 to the Director General through the Central Chief.
- (2) amendment as referred to in Article 83 paragraph (2) letter d to letter g are approved after a re-examination of the quality, toxicity, and efficacy of one of the target organisms and the results meet the technical requirements and their efficacy is at least the same as the initial product.
- (3) amendment as referred to in Article 83 paragraph (2) letter e, letter f, and letter g must be in accordance with the tolerance limit of FAO.

Article 85

- (1) Application for amendment as referred to in Article 84 by the Central Chief shall be submitted to the Director General for evaluation.
- (2) If the evaluation results as referred to in paragraph (1) are rejected, the Director General through the Central Chief will inform the applicant accompanied by the reasons for the rejection.
- (3) If the evaluation results referred to in paragraph (1) are accepted, the Director General through the Head of the Central will submit a letter of approval for amendments to the applicant.
- (4) The Central Chief records the amendments as referred to in Article 83 in the registration number book.

CHAPTER VIII
CONTAINER AND PESTICIDE LABELS

Article 86

- (1) Pesticides and Technical Materials Pesticides that have been registered must be placed in a container.
- (2) Containers as referred to in paragraph (1) must not be easily broken or torn and do not react with the pesticides or corrosive, so that impacts on humans and the environment can be avoided.
- (3) Pesticide Container Specifications as listed in Appendix V which are an integral part of this Ministerial Regulation.

Article 87

- (1) Containers for Pesticide and Pesticide Technical Materials must be given an affixed label and shall not be easily separated, or printed on the Containers.
- (2) Holders of registration numbers must submit Labels that have been printed to the Director General through the Central Chief.

(3) Information on the Label and instructions for use must be in Bahasa Indonesia with the following provisions:

- a.** do not include words that are agitative or bombastic, including the phrases "awesome", "great", "super", "powerful", "most", and "top";
- b.** does not compare the product with other registered Pesticides; and/or
- c.** does not include pictures of non-target organisms and commodities.

(4) Information and warning signs on the Label must be printed clearly, easily read or seen, easily understood, and is not easily erased.

(5) Label information as listed in Appendix V which is an integral part of this Ministerial Regulation.

Article 88

Holders of registration numbers and permanent permits must include all information required on the Container and Label as referred to in Article 86 and Article 87 and in accordance with legal provisions in the part about Label.

CHAPTER IX ENTRY OF PESTICIDES

Article 89

- (1)** Entry of biological Pesticides with new Active Materials from abroad can be done after obtaining permission from the Minister.
- (2)** The granting of an import permit as referred to in paragraph (1) shall be carried out in accordance with the provisions of the law.

Article 90

- (1) Entry of Active Materials and/or Pesticide Technical Materials for research and development must obtain a permit from the Director General.
- (2) Application for the importation of Active Materials and/or Pesticide Technical Materials as referred to in paragraph (1) must be completed with research and development proposals.
- (3) Permit as referred to in paragraph (1) is granted for a period of 3 (three) months and the number of Active Ingredients and/or pesticide technical ingredients as needed based on the proposal that has been evaluated.
- (4) The Director General as referred to in paragraph (1) shall issue permits based on consideration or input from the Pesticides commission technical team.
- (5) Applicants for the entry of Active Materials and/or Pesticide Technical Materials for research and development are required to report the results of the research and development as referred to in paragraph (1) to the Director General.
- (6) If the applicant for the entry Active Materials and/or Pesticide Technical Materials for research and development does not report the results of research and development as referred to in paragraph (5), the import permit will be revoked.

Article 91

- (1) Supervision of the importation of Active Ingredients, Pesticides, and Technical Pesticides shall be carried out outside the customs area (post border) at the Production and/or Distribution stage in accordance with the registration number and permit from the Minister.
- (2) Supervision as referred to in paragraph (1) shall be carried out in accordance with the provisions of the law.

Article 92

Supervision of the entry of Active Materials and/or Pesticide Technical Materials classified as B3 (hazardous and toxic materials) is carried out in accordance with the provisions of the law in the environmental field.

CHAPTER X
USE OF LIMITED PESTICIDES

Article 93

- (1) Every person who uses limited Pesticides as referred to in Article 12 letter b, must undergo training in the use of limited Pesticides.
- (2) Training in the use of limited Pesticides as referred to in paragraph (1) is carried out by holders of registration numbers and permanent permits of Pesticides.
- (3) Holders of registration numbers and permanent permits of Pesticides in conducting the training referred to in paragraph (2) must coordinate with the department that carries out functions in the field of agriculture in the district/city.
- (4) The Agency that carries out functions in the field of agriculture in the district/city as referred to in paragraph (3) issues a certificate following the training on the use of limited Pesticides.
- (5) Certificate of training in the use of limited Pesticides as referred to in paragraph (3) applies throughout the territory of the Republic of Indonesia.

Article 94

- (1) Holders of registration numbers and permanent permits are required to conduct training in the use of limited Pesticides as referred to in Article 93 in accordance with the technical instructions for the use of limited Pesticides.
- (2) Provisions regarding technical guidelines for training on the use of limited Pesticides as referred to in paragraph (1) are stipulated by the Director General.

CHAPTER XI
PESTICIDE COMMISSION

Article 95

- (1) The Minister in granting trial permits, permanent licenses, and temporary licenses is assisted by the Pesticides Commission.
- (2) The Pesticides Commission as referred to in paragraph (1) is assisted by the Pesticide Commission Technical Team.

Article 96

The Pesticides Commission has the following duties:

- a. evaluating data or information in the context of Pesticide registration, especially in the field of Pesticide safety for human health;
- b. evaluate pesticides that have been registered and have obtained permission from the Minister, especially in the field of Pesticide security; and
- c. provide advice and considerations to the Minister of Agriculture in policy making in the field of Pesticides

Article 97

The Pesticide commission technical team has the following tasks:

- a. prepare evaluation materials for technical data and information in the framework of registration;
- b. conduct technical evaluation of applications for registration of Pesticides and Pesticides that have been registered or have obtained permission from the Minister of Agriculture; and
- c. conduct a study of Pesticide management policies.

Article 98

- (1) Pesticides commission membership consists of Government officials who are tasked with matters related to Pesticides and experts who are expertise in the field of Pesticides.

- (2) Membership of the Pesticides commission technical team consists of experts with expertise in the field of Pesticides.

Article 99

The composition of the membership of the Pesticides commission and the technical team of the Pesticides commission are determined by a Ministerial Decree.

CHAPTER XII
ADMINISTRATIVE SANCTIONS

Article 100

- (1) Everyone who violates the provisions of Article 26 paragraph (1), Article 43, is subjected to administrative sanctions.
- (2) Administrative sanctions as referred to in paragraph (1) consists of:
- a.** cancellation of permit application; and
 - b.** withdrawal from circulation.
- (3) Administrative sanctions referred to in paragraph (2) shall be determined by the Director General.

Article 101

- (1)** Everyone who violates the provisions of Article 2 paragraph (1), Article 26 paragraph (2), Article 27 paragraph (1), Article 27 paragraph (2), Article 43, Article 44, Article 45, Article 46, Article 47, Article 48 paragraph (1), Article 70, Article 75, Article 76, Article 82, Article 88, Article 93 paragraph (1), Article 94 paragraph (1), are subjected to administrative sanctions.
- (2)** Administrative sanctions as referred to in paragraph (1) consist of:
- a.** written warning;
 - b.** temporary suspension of Production and/or Distribution activities;
 - c.** license revocation;
 - d.** withdrawal from circulation; and/or
 - e.** destruction of products.

- (3) The Imposition of administrative sanctions as referred to in paragraph (2) shall be carried out in stages starting from the lightest to the heaviest sanctions in accordance with the order as referred to in paragraph (2).
- (4) In certain cases, against grave violations of obligations and prohibitions as referred to in paragraph (1), administrative sanctions can be directly imposed without being carried out in stages.

Article 102

- (1) Every person who commits an offense for the first time as referred to in Article 101 paragraph (1) shall be liable to administrative sanctions in the form of a written warning.
- (2) If within 30 (thirty) days after receiving a written warning as referred to in paragraph (1) the problem has not been resolved or have committed other violation, administrative sanctions will take the form of a second written warning.
- (3) If within 30 (thirty) days after receiving the first written warning as referred to in paragraph (2), and the problem has not been resolved or have committed other violation, an administrative sanction in the form of a third written warning will be given.
- (4) Warning letters as referred to in paragraph (1) through paragraph (3) are signed by the Director General.

Article 103

- (1) In the event that the obligations referred to in Article 1 02 are not fulfilled within the stipulated period or any other violation have been committed, the Director General may stipulate administrative sanctions in the form of temporary suspension.

- (2) Temporary suspension as referred to in paragraph (1) shall be imposed for a period of (3) three months to 6 (six) months.
- (3) In the decision to temporarily suspend as referred to in paragraph (1), the Director General stipulates the obligations that must be fulfilled during the period of temporary suspension.

Article 104

- (1) In the event that the termination period has ended and the obligations as referred to in Article 103 have not yet been fulfilled, the Director General may propose administrative sanctions to the Minister in the form of:
 - a. withdrawal from circulation;
 - b. license revocation; and/or
 - c. destruction of products.
- (2) The proposal as referred to in paragraph (1) is based on the inspection of the pesticide control team in accordance with the provisions of the law.
- (3) In imposing administrative sanctions as referred to in paragraph (1), the Minister may accept and consider suggestions or opinions from the Pesticides commission.

Article 105

Revocation of registration number and permanent permit, permit for expansion of Pesticide use, and/or temporary permit for Pesticide other than due to administrative sanctions as referred to in Article 101, can be done because:

- a. negative impacts on human health and / or environmental sustainability were found;
- b. the holder of the registration number is no longer appointed by the owner of the relevant Pesticide Formulation;
- c. at the request of the holder of the registration number; and/or

- d. holders of registration number and permits still carry out acts of violation of law related to registered Pesticides and/or Active Ingredients and have been declared by a court that has permanent legal force.

Article 106

Revocation of registration number and permanent permit as referred to in Article 104 and Article 105 shall be determined by a Ministerial Decree.

Article 107

- (1) Holders of registration numbers and permanent permits, permits for expansion of the use of Pesticides, and/or temporary permits for Pesticides shall be responsible for withdrawal of expired Pesticides, Pesticides that are sanctioned with revocation of registration numbers and licenses, and carry out the destruction.
- (2) Provisions regarding the procedure for the destruction of Pesticides shall be carried out in accordance with the provisions of the law in the field of hazardous and toxic waste management.

Article 108

Holders of registration numbers and permanent licenses whose registration numbers and permanent permits are revoked are required to withdraw Pesticides, Technical material Pesticides, and Pesticides used for export from Circulation no later than 90 (ninety) days from the issuance of the decision to revoke registration numbers and permits by the Minister.

CHAPTER XIII
PROVISIONS ON TRANSITION

Article 109

- (1) Pesticides and Technical Materials Pesticides that have obtained registration numbers and permanent permits prior to the release of this Ministerial Regulation, are declared to remain valid.

- (2) Application for registration numbers and permanent licenses currently undergoing quality, toxicity and efficacy testing prior to the release of this Ministerial Regulation, are processed in accordance with Regulation of the Minister of Agriculture Number 39/Permentan/SR.330/7/2015 concerning Pesticide Registration (State Gazette Republic of Indonesia of 2015 Number 1047) as amended by Regulation of the Minister of Agriculture Number 06/Permentan/SR.330/1/2018 on Amendment to Regulation of the Minister of Agriculture Number 39/Permentan/SR.330/7/2015 on Pesticide Registration ((State Gazette Republic of Indonesia of 2018 Number 131).
- (3) Application for registration numbers and permanent licenses that have not been tested before the release of this Ministerial Regulation, are processed in accordance with the provisions in this Ministerial Regulation.

CHAPTER XIV CLOSING

Article 110

When this Ministerial Regulation comes into force, Minister of Agriculture Regulation Number 39/Permentan/SR.330/7/2015 on Pesticide Registration (State Gazette of the Republic of Indonesia of 2015 Number 1047) as amended by Minister of Agriculture Regulation Number 06/Permentan/SR.330/1/2018 on Amendment to Regulation of the Minister of Agriculture Number 39/Permentan/SR.330/7/2015 on Pesticide Registration (State Gazette of the Republic of Indonesia of 2018 Number 131), is hereby revoked and declared invalid.

Article 111

This Ministerial Regulation shall come into force after 1 (one) month from the date of promulgation.

For public cognizance, this Ministerial Regulation shall be promulgated by placing it in the State Gazette of the Republic of Indonesia.

Stipulated in
Jakarta
on 13 August 2019

MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA

Signature

AMRAN SULAIMAN

Legalized in Jakarta
on 22 August 2019

DIRECTOR GENERAL
LAWS AND LEGISLATION
THE MINISTER OF LAW AND HUMAN RIGHTS
OF THE REPUBLIC OF INDONESIA,

Signature.

WIDODO EKATJAHJANA

STATE GAZETTE OF THE REPUBLIC OF INDONESIA OF 2019
NUMBER 947

APPENDIX I
REGULATION OF THE MINISTER OF
AGRICULTURE OF THE REPUBLIC OF
INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES

ACTIVE MATERIALS AND ADDITIONAL PESTICIDE MATERIALS SET AS PROHIBITED
PESTICIDES

A. PROHIBITED PESTICIDE ACTIVE MATERIALS

| No. | Active Ingredient Name | CAS Number | Field of Use |
|-----|--|--|-----------------------------|
| 1. | 2,4,5-T | 95-95-4 | all fields of pesticide use |
| 2. | 2,4,5-T along with the salt and its esters | 93-76-5 | all fields of pesticide use |
| 3. | 2,4,6-T | 88-06-2 | all fields of pesticide use |
| 4. | Aldicarb | 116-06-3 | all fields of pesticide use |
| 5. | Aldrin | 309-00-2 | all fields of pesticide use |
| 6. | Alachlor | 15972-60-8 | all fields of pesticide use |
| 7. | Alpha hexachlorocyclohexane | 319-84-6 | all fields of pesticide use |
| 8. | All tributyltin including Tributyltin oxide Tributyltin fluoride Tributyltin methacrylate | 56-35-9 1983-10-4 2155-70-6 4342-36-3 | all fields of pesticide use |

| No. | Active Ingredient Name | CAS Number | Field of Use |
|------------|---------------------------------------|------------|-----------------------------|
| | Tributyltin benzoate | 1461-22-9 | |
| | Tributyltin chloride | 24124-25-2 | |
| | Tributyltin linoleate | 85409-17-2 | |
| | Tributyltin naphthenate | 85409-17-2 | |
| 9. | 1,2-dibromo-3-chloropropane/ DBCP | 96-12-8 | all fields of pesticide use |
| 10. | Beta hexachlorocyclohexane | 319-85-7 | all fields of pesticide use |
| 11. | Binapacryl | 485-31-4 | all fields of pesticide use |
| 12. | Cyhexatin | 13121-70-5 | all fields of pesticide use |
| 13. | Chlorobenzilate | 510-15-6 | all fields of pesticide use |
| 14. | Dichloro diphenyl trichloroethane/DDT | 50-29-3 | all fields of pesticide use |
| 15. | Dicofol | 115-32-2 | all fields of pesticide use |
| 16. | Dieldrin | 60-57-1 | all fields of pesticide use |
| 17. | 2,3-dichlorophenol | 576-24-9 | all fields of pesticide use |
| 18. | 2,4- Dichlorophenol | 120-83-2 | all fields of pesticide use |
| 19. | 2,5- Dichlorophenol | 583-78-8 | all fields of pesticide use |
| 20. | Dinozeb | 88-85-7 | all fields of pesticide use |

| No. | Active Ingredient Name | CAS Number | Field of Use |
|------------|---|---|-----------------------------|
| 21. | dinitro-ortho- cresol / DNOC and its salts such as: - ammonium salt, - kalium salt, and - natrium salt | 534-52-1 2980-64-5 5787-96-2 2312-76-7 | all fields of pesticide use |
| 22. | Dichlorvos (DDVP) | 95828-55-0 | all fields of pesticide use |
| 23. | Ethyl p-nitrophenyl benzenethiophosponate (EPN) | 2104-64-5 | all fields of pesticide use |
| 24. | Ethylene dichloride | 107-06-2 | all fields of pesticide use |
| 25. | Ethylene oxide | 75-21-8 | all fields of pesticide use |
| 26. | Endrin | 72-20-8 | all fields of pesticide use |
| 27. | Endosulfan | 115-29-7 | all fields of pesticide use |
| 28. | Technical Endosulfan (mixture between alpha and beta endo sulfan) | 115-29-7 | all fields of pesticide use |
| 29. | Ethylene dibromide (EDC) | 72-20-8 | all fields of pesticide use |
| 30. | Fluoroacetamide | 640-19-7 | all fields of pesticide use |
| 31. | Formaldehyde | 50-00-0 | all fields of pesticide use |
| 32. | Yellow phosphorus | 7723-14-0 | all fields of pesticide use |
| 33. | Heptachlor | 76-44-8 | all fields of pesticide use |

| No. | Active Ingredient Name | CAS Number | Field of Use |
|-----|--|------------|-----------------------------|
| 34. | Hexachlorobenzene | 118-74-1 | all fields of pesticide use |
| 36. | Chlordane | 57-74-9 | all fields of pesticide use |
| 37. | Chlordecone | 143-50-0 | all fields of pesticide use |
| 38. | Chlordimefon | 19750-95-9 | all fields of pesticide use |
| 39. | Leptophos | 21609-90-5 | all fields of pesticide use |
| 40. | Hexachlorocyclohexane (mixed isomers) | 608-73-1 | all fields of pesticide use |
| 41. | Gamma hexachlorocyclohexane (gamma HCH/ lindan) | 58-89-9 | all fields of pesticide use |
| 42. | Metoxychlor | 72-43-5 | all fields of pesticide use |
| 43. | Mevinphos | 26718-65-0 | all fields of pesticide use |
| 44. | Monosodium methyl arsenate) / MSMA | 2163-80-6 | all fields of pesticide use |
| 45. | Monocrotophos | 6923-22-4 | all fields of pesticide use |
| 46. | Sodium dichromate | 7789-12-0 | all fields of pesticide use |
| 47. | Sodium chlorate | 7775-09-9 | all fields of pesticide use |
| 48. | Sodium trybromophenol | 591-20-8 | all fields of pesticide use |

| No. | Active Ingredient Name | CAS Number | Field of Use |
|-----|---|---|-----------------------------|
| 49. | Natrium 4-brom-2,5- dichlorophenol | 4824-78-6 | all fields of pesticide use |
| 50. | Methyl parathion | 298-00-0 | all fields of pesticide use |
| 51. | Halogen phenol including pentachlorophenol) / PCP and its salts | 87-86-5 | all fields of pesticide use |
| 52. | Parathion | 56-38-2 | all fields of pesticide use |
| 53. | Salmonella based | | all fields of pesticide use |
| 54. | Pentachlorobenzene | 608-93-5 | all fields of pesticide use |
| 55. | Arsenic compound | 1327-53-3, 007440-38-2 | all fields of pesticide use |
| 56. | Mercury and mercury compound | 10112-91-1, 7546-30-7, 7487-94-7, 21908-53-2 | all fields of pesticide use |
| 57. | Strychnine | 57-24-9 | all fields of pesticide use |
| 58. | Telodrin | 297-78-9 | all fields of pesticide use |
| 59. | Toxaphene | 8001-35-2 | all fields of pesticide use |
| 60. | Mirex) | 2385-85-5 | all fields of pesticide use |
| 61. | Sulphur acid | 7664-93-9 | all fields of pesticide use |
| 62. | Perfluorooctane sulfonic acid/PFOS, and its salt | 1763-23-1 | all fields of pesticide use |

| No. | Active Ingredient Name | CAS Number | Field of Use |
|-----|--|-----------------------|-----------------------------|
| 63. | Perfluorooctane sufonyl fluoride | 307-35-7 | all fields of pesticide use |
| 64. | Chloromethijether; chloromethyl methyl ether (technical-grade) | 542-88-1, 107-30-2 | all fields of pesticide use |
| 65. | Cadmium and cadmium compounds | 7440-43-9 | all fields of pesticide use |
| 66. | Chromium (VI) compounds | 18540-29-9 | all fields of pesticide use |
| 67. | 4, 4 i -Methylenebis (2- chloroaniline) | 101-14-4 | all fields of pesticide use |
| 68. | (Tris(2,3-dibromopropyl) phosphate) | 126-72-7 | all fields of pesticide use |
| 69. | Procarbazine hydrochloride | 366-70-1 | all fields of pesticide use |
| 70. | Antibiotic group | | all fields of pesticide use |
| 71. | Chlorpyrifos | 2921-88-2 | Household pesticide |
| 72. | Trichlorfon | 52-68-6 | Fishery field |
| 73. | Acephate | 30560 -19 -1 | Rice plants |
| 74. | Azinphosmethyl | 86 -- 50- 0 | Rice plants |
| 75. | Diazinon | 333 -- 41- 5 | Rice plants |
| 76. | Dimethoate | 60 -- 51- 5 | Rice plants |
| 77. | Entrimfos | 38260 -54 -- 7 | Rice plants |
| 78. | Fenitrothion | 122 -- 14- 5 | Rice plants |
| 79. | Fenthion | 55 -- 38 -- 9 | Rice plants |
| 80. | Phenthoate | 2597- 03 -- 7 | Rice plants |
| 81. | Fonofos | 944 -- 22 -- 9 | Rice plants |
| 82. | Phosphamidon) | 13171 -- 21- 6 | Rice plants |
| 83. | Isazofos | 42509 -80 - - 8 | Rice plants |
| 84. | Cadusafos | 95465 -99 - - 9 | Rice plants |
| 85. | Carbaryl | 63 – 25- - 2 | Rice plants |

| No. | Active Ingredient Name | CAS Number | Field of Use |
|-------------|--------------------------------------|-----------------|--------------|
| 86. | Carbophenothion | 62850 -32 - 2 | Rice plants |
| 87. | Cartap hydrochloride | 15263 -52 - 2 | Rice plants |
| 88. | Chlorpynfos | 2921 -- 88 - 2 | Rice plants |
| 89. | Quinalphos | 13593 -- 03 -8 | Rice plants |
| 90. | Malathion) | 121 -- 75 -- 5 | Rice plants |
| 91. | Mephosfolan | 950- 10- 7 | Rice plants |
| 92. | Methidathion | 950 -- 37- 8 | Rice plants |
| 93. | Chlorpyrifos- methyl | 5598 – 13- - 0 | Rice plants |
| 94. | Methomyl | 16752 -77-- 5 | Rice plants |
| 95. | Methamidophos) | 10265 -92 -- 6 | Rice plants |
| 96. | Monocrotophos | 6923 -- 22 -- 4 | Rice plants |
| 97. | Omethoate) | 1113 -- 02 -- 6 | Rice plants |
| 98. | Pyridaphenthion) | 119 -- 12 -- 0 | Rice plants |
| 99. | Profenofos) | 41198 -08 -- 7 | Rice plants |
| 100. | Cyanofenphos | 2636 -- 26 -- 2 | Rice plants |
| 101. | Triazophos | 24017 -47- 8 | Rice plants |
| 102. | Triichlorphon) | 52- 68 -- 6 | Rice plants |
| 103. | Pyrethroids descended from pyrethrin | | Rice plants |

B. PROHIBITED PESTICIDE ADDITIVES

| No. | Chemical Ingredient Name | CAS Number | Field of Use |
|-----------|---|------------|-----------------------------|
| 1. | Silica chrystalline | 14808-60-7 | all fields of pesticide use |
| 2. | Ethylene oxide | 75-21-8 | all fields of pesticide use |
| 3. | Nickel and nickel compounds (essentially sulphate and sulphide) | | all fields of pesticide use |
| 4. | Benzidine | 92-87-5 | all fields of pesticide use |

| No. | Chemical Ingredient Name | CAS Number | Field of Use |
|-----|--|---|-----------------------------|
| 5. | 1,2-dichloropropane | 78-87-5 | all fields of pesticide use |
| 6. | 1,3-butadiene | 106-99-0 | all fields of pesticide use |
| 7. | Ortho-toluidine | 95-53-4 | all fields of pesticide use |
| 8. | Trichloroethylene | 79-01-6 | all fields of pesticide use |
| 9. | Vinyl chloride | 75-01-4 | all fields of pesticide use |
| 10. | Acrylamide | 79-06-1 | all fields of pesticide use |
| 11. | Alpha-Chlorinated toluenes (benzal chloride, benzotrichloride, benzyl chloride) and benzoyl chloride | 98-87-3 98-07-7 100-44-7 98-88-4 | all fields of pesticide use |
| 12. | 4-Chloro-ortho-toluidine | 95-69-2 | all fields of pesticide use |
| 13. | Dichloromethane or Methylene chloride | 75-09-2 | all fields of pesticide use |
| 14. | Diethyl sulfate | 64-67-5 | all fields of pesticide use |
| 15. | Dimethylcarbamoyl chloride | 79-44-7 | all fields of pesticide use |
| 16. | 1,2- Dimethylhydrazine | 540-73-8 | all fields of pesticide use |
| 17. | Dimethyl sulfate | 77-78-1 | all fields of pesticide use |
| 19. | Ethyl carbamate | 51-79-6 | all fields of pesticide use |
| 20. | Ethylene dibromide | 106-93-4 | all fields of pesticide use |

| No. | Chemical Ingredient Name | CAS Number | Field of Use |
|------------|--|------------|-----------------------------|
| 22. | Tetrachloroethylene or Perchloroethylene | 127-18-4 | all fields of pesticide use |
| 23. | Tetrafluoroethylene | 116-14-3 | all fields of pesticide use |
| 24. | 1,2,3-Trichloropropane | 96-18-4 | all fields of pesticide use |
| 25. | Dimetil formamide | 68-12-2 | all fields of pesticide use |

THE MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA,

Signature

AMRAN SULAIMAN

APPENDIX II
REGULATION OF THE MINISTER
OF AGRICULTURE OF THE
REPUBLIC OF INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES

CLASS OF HAZARDS OF PESTICIDE FORMULATION ACCORDING TO WORLD
HEALTH ORGANIZATION (WHO) CLASSIFICATION

| Hazard Class (WHO) | Acute LD ₅₀ (rat) formulation (mg/kg) | | | |
|-----------------------------------|--|------------|----------|----------|
| | ORAL | | DERMAL | |
| | Solid | Liquid | Solid | liquid |
| Ia Extremely Dangerous | <5 | <20 | <10 | <40 |
| Ib Very Dangerous | 5-<50 | 20-<200 | 10-<100 | 40-<400 |
| II Dangerous | 50-500 | 200-2000 | 100-1000 | 400-4000 |
| III Quite Dangerous | >500-2000 | >2000-3000 | >1000 | >4000 |
| IV Harmless in normal usage | >2000 | >3000 | - | |

THE MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA,

Signature

AMRAN SULAIMAN

APPENDIX III
REGULATION OF THE MINISTER
OF AGRICULTURE OF THE
REPUBLIC OF INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES

ACTIVE MATERIALS AND ADDITIVE PESTICIDE MATERIALS SET AS LIMITED
PESTICIDES AND HAVING LIMITED USE

A. Active Pesticides Ingredients Specified As Limited Pesticides

| No. | Active Ingredient Name | CAS Number | Field of Use |
|-----|------------------------|------------|--|
| 1. | Paraquat dichloride | 1910-42-5 | crop management |
| 2. | Aluminium phosphide | 20859-73-8 | storage of agricultural products, quarantine, and pre-shipment |
| 3. | Magnesium phosphide | 12057-74-8 | storage of agricultural products, quarantine, and pre-shipment |
| 4. | Sulfuryl fluoride | 2699-79-8 | storage of agricultural products, quarantine, and pre-shipment |
| 5. | Methyl bromide | 74-83-9 | quarantine and pre-shipment |
| 6. | Zinc phosphide | 1314-84-7 | crop management |
| 7. | Diquat dibromide | 2764-72-9 | crop management |
| 8. | Ethyl formate | 109-94-4 | storage of agricultural products, quarantine, and pre-shipment |
| 9. | Phosphine | 7803-51-2 | storage of agricultural products, quarantine, and pre-shipment |

B. Pesticide Additives which Use Are Restricted

| No. | Name of Chemical Ingredient | CAS Number | Exposure / Application Maximum Limits | Field of Use |
|-----|-----------------------------|------------|---|--|
| 1. | Sulfuric acid | 7669-93-9 | Max. 200 ppm for rice plant application and max. 2000 ppm in other plants than rice application | all fields of pesticide use |
| 2. | Benzene | 71-43-2 | Max. 1 ppm | all fields of pesticide use |
| 3. | Formaldehyde | 50-00-0 | Max. 0,13% | all fields of pesticide use |
| 4. | Methanol | 67-56-1 | Max. 200 ppm Max. 250 ppm | Household pesticide Crop management |
| 5. | N-methyl Pirolidon | 872-50-4 | Max. 25 ppm Max. 600 ppm g a | Household pesticide Crop management |
| 6. | Pyridine base | 68391-11-7 | Max. 5 ppm | Crop management |
| 7. | Ttoluene | 108--88--3 | Maks. 50 ppm | Household pesticide |

THE MINISTER OF AGRICULTURE
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AMRAN SULAIMAN

APPENDIX IV
REGULATION OF THE MINISTER OF
AGRICULTURE OF THE REPUBLIC
OF INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES

PROCEDURES FOR NUMBERING OF PESTICIDES PERMIT

1. FOR PESTICIDE WITH PERMANENT PERMIT

Numbering of permanent permits for Pesticides consists of several numbers as explained as follows:

Field of Use, Type of Pesticide, Type of Permit, Year of Issuance, Digit Number in the year concerned

AA.BB.CC.DDDD.xxx

INFORMATION:

AA. Usage Field Code:

1. Crop Management
2. Animal Husbandry
3. Fisheries
4. Forestry
5. Storage of Agricultural Products
6. Settlements, Buildings and Households.
7. Quarantine and Pre-shipment
8. Mode of Transportation

BB Pesticide Type Code:

- 01 Insecticide
- 02 Fungicide
- 03 Herbicide
- 04 Plant Growth Regulators
- 05 Moluscicide
- 06 Bactericide
- 07 Attractant/Pheromone
- 08 Household Pesticides
- 09 Pesticides Disease Vector Control In Humans
- 10 Fumigans
- 11 Wood Preservatives
- 12 Rodenticide
- 13 Nematicide
- 14 Other pesticides

CC. Permit Type Code: 01 Permanent Permit
DDDD. Code of Issuance Year
xxx. Digit Number Code of the year concerned

Example:

01.02.01.2013.200

Description

01 = Crop Management
02 = Fungicide
01 = Permanent Permit
2013 = Year of Issuance
200 = Registration Number

2. FOR TEMPORARY PERMIT

The number of temporary permits for Pesticides consists of several numbers as explained below:

Type of Permit, Year of Issuance, Digit Number in the year concerned

CC.DDDD.xxx

Information:

CC. Permit Type Code: 02 Temporary Permit

DDDD. Year of Code

xxx. Digit Number Code of the year concerned

Example:

02.2015.1

Description:

02 = Temporary Permit
2015 = Year of Issuance
1 = Registration Number

3. FOR PERMANENT EXPORT PERMITS

Numbering of permanent export permits for Pesticides consists of several numbers as explained below:

Type of Permit, Year of Issuance, Digit Number in the year concerned

CC.DDDD.xxx

Information:

CC. Permit Type Code: 03 Permanent Export Permit

DDDD. Year of Code

xxx. Digit Number Code of the year concerned

Example:

03.2012.201

Keterangan:

03 = Permanent Export Permit

2012 = Year of Issuance

201 = Registration Number

4. FOR TECHNICAL MATERIALS PERMANENT PERMIT

Numbering of permanent permits for Pesticide technical materials consists of several numbers as explained as follows:

Type of Permit, Year of Issuance, Digit Number in the year concerned

CC.DDDD.xxx

Information:

CC. Permit Type Code: 04 Technical Materials Permanent Permit

DDDD. Year of Code

xxx. Digit Number Code of the year concerned

Example:

04.2014.202

Description:

04 = Technical Materials Permanent Permit

2014 = Year of Issuance

202 = Registration Number

THE MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA,

Signature

AMRAN SULAIMAN

APPENDIX V
REGULATION OF THE MINISTER OF
AGRICULTURE OF THE REPUBLIC
OF INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES

CONTAINERS AND PESTICIDES LABELS

A. SPECIFICATIONS OF PESTICIDE CONTAINERS

1. Volume

The volume of the container is stated in clear units such as ml (milliliters), l (liters), g (grams), kg (kilograms), the volume of container permitted in accordance with applicable regulations.

2. Material

The container material is clearly stated such as glass, can, iron, aluminum, aluminum foil, paper, plastic (PE, PV, HDPE, LDPE) and others.

3. Size

The size of the container is declared complete with clear units such as bottle height, body diameter, neck diameter (cylindrical bottle-shaped container), length, width, height, neck diameter (rectangular-shaped container), length, width (bag-shaped container), and so on.

4. Thickness

The thickness of the container material is stated in clear units such as mm (millimeter), cm (centimeter).

5. Color

The color of the container is clearly stated, such as white, yellow, brown, red and so on.

6. Coating Material

The inner lining material of the inner container which is directly related to the pesticide is clearly stated, such as epoxy, and others. The container lining material is mainly used to coat the inside surface of the container so that the container material does not rust easily or react with its contents.

7. Material Cover

The material of the lid of the container is clearly stated, such as cans, aluminum, plastic (PE, HDPE, LDPE, HMPE) etc.

B. PESTICIDES LABEL

1. Information that must be included on the Label:

- a. formula trade names;
- b. Formulations that show the levels of each Active Material except for biological Pesticides and attractants/pheromones;
- c. letter code that shows the form of the formulation;
- d. Pesticide type;
- e. names and levels of Active Ingredients and classes for insecticides based on the Insecticide Resistance Action Committee (IRAC), fungicides based on the Fungicide Resistance Action Committee (FRAC), and herbicides based on the Herbicide Resistance Action Committee (HRAC);
- f. net contents or weight in the package;
- g. security warning;
- h. hazard classification and symbols;
- i. safety instructions;
- j. poisoning symptoms;
- k. First Aid;
- l. medical treatment;
- m. Storage instructions;
- n. instructions for use;
- o. pictograms;
- p. registration number;
- q. name and address and telephone number of the registration number holder;
- r. production number, month and year of production (batch number) and expiration month and year;
- s. instructions for destruction; and
- t. pesticides that are not for rice are added "Not for rice".

In addition to the aforementioned information, each label must contain the words "READ THE LABEL BEFORE USING THIS PESTICIDE."

2. All information on the Label must be in accordance with the data provided on the application for registration and not deviate from the provisions stipulated by the Minister of Agriculture on registration and licensing for each Pesticide.
3. For small containers, it is not possible for all information and warning sentences as referred to in letters a to q need to be stated on the container. The complete label must be included on a separate sheet accompanied in the Container. The container must be written with the message, "Read the complete instructions on the separate sheet accompanied in this container". However, as much as possible, efforts should be made to ensure that all information can be included on the Label.

4. The warning signs and warning information on the Labels, based on the LD₅₀ values of oral and dermal formulations are as follows:

CLASSIFICATION AND SYMBOLS OF PESTICIDES

| Hazard class (WHO) | Descriptions that need to be included in the Label | | | |
|--------------------------------|--|-------------|--|---|
| | Hazard Statement | Color | Hazard Symbol | Symbol and Words |
| Ia Extremely Dangerous | Very Toxic | Dark Brown |  |  Very Toxic |
| Ib Very Dangerous | Toxic | Dark Red |  |  Toxic |
| II Dangerous | Dangerous | Dark Yellow |  |  Dangerous |
| III Quite Dangerous | Attention | Light Blue | | Attention |
| IV Harmless in normal usage | | Green | | |

5. In addition to the above and in accordance its dangerous nature, other warning or symbols need to be included, including but not limited to explosives, oxidation agents, corrosive substances, irritants, combustible substances.

SYMBOLS FOR PHYSICAL PROPERTIES OF PESTICIDES

CORROSIVE MATERIAL

The basic black symbol, yellow or orange for the top center, and white on the black base for the bottom center.



EXPLOSIVE MATERIAL

Black symbol on a yellow or orange base.



EASY COMBUSTABLE MATERIALS (FLUID)

Black symbol on the red base.



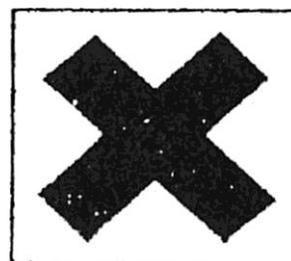
EASY COMBUSTABLE MATERIALS (SOLID)

Black symbol on a white base with vertical red stripes.



EASY FLAMMABLE MATERIALS (REACTIVE TO WATER)

Black symbol on a light blue base.



IRRITATIVE MATERIALS

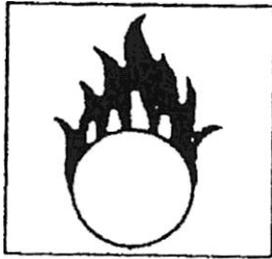
Black symbol on a yellow or orange base

EASY FLAMMABLE MATERIALS

Black symbol on white base
for top center and red for
bottom center.



OXIDATION MATERIALS



Black
symbol on
a yellow or
orange base

WARNING AND SECURITY INSTRUCTIONS

1. Safety warnings are adjusted to the nature of the hazard of the concerned pesticides are stated in the following sentences:

STATEMENT OF WARNING

- a. keep it locked and out of reach from children;
 - b. do not eat, drink or smoke while working with this Pesticide;
 - c. This pesticide is dangerous, poisonous if swallowed, get in contact with the skin and/or inhaled;
 - d. This pesticide cause irritation to the eyes, skin and/or respiratory system.
2. In addition to the security warning sentence, it must include a sentence written in capital letters and in bold, "STORE SAFELY AND FAR AWAY FROM CHILDREN'S REACH".
 3. The Classification and hazard symbols are adjusted to the nature of the Pesticides concerned, expressed by the symbols, words and colors as explained previously.
 4. In addition to the hazard symbol, physical characteristics as explained previously must be stated.
 5. Safety instructions are primarily intended for workers or users, for consumers and for the environment will be as follows.
 6. The safety instructions are stated in the following sentences:

SECURITY GUIDELINES FOR WORKERS AND USERS

- a. while working with this Pesticide do not eat, drink or smoke;
- b. while working with this Pesticide, avoid dust, smoke, steam, mist spray, gas, contact with mouth, skin and eyes;
- c. wear rubber gloves, apron, work clothes/overalls, long-sleeved shirt and trousers, rubber boots, dust goggles, face shield, head cover, dust mask and respirator,

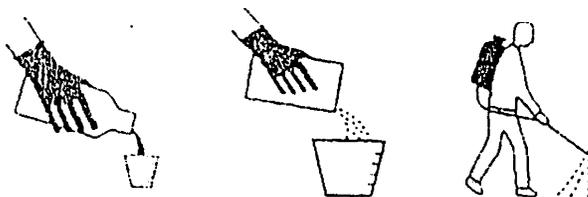
- d. in the case of contamination, immediately remove the Pesticide-contaminated clothing, then wash all affected parts with plenty of water;
- e. after working with Pesticides, wash:
 - 1) the Pesticides affected hands and skin thoroughly before eating, drinking or smoking;
 - 2) all work clothes, boots, hats and other protective clothing thoroughly until clean, especially the inside of the gloves.
- f. application tools for objects/soil/floor surfaces in contact with the Pesticides must be washed thoroughly or in other recommended ways;
- g. Give sufficient ventilation areas/buildings that have been applied by Pesticides before being filled/inhabited again

PICTURES AND SYMBOLS OF PESTICIDE PHYSICAL PROPERTIES

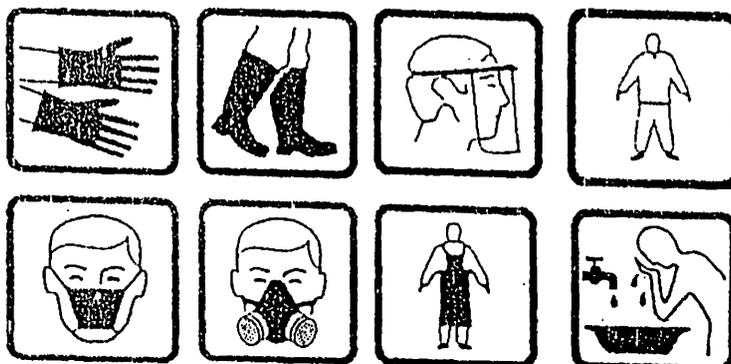
1. Storage:



2. Usage :



3. Worker or user safety



4. Environmental safety:



SAFETY INSTRUCTIONS FOR CONSUMERS

- a.** Do not use this Pesticide on all plants type or other edible ingredients;
- b.** Only for use on plants/food ingredients...
- c.** Do not use on food/food ingredients... with doses more than ... (formulation/unit area/application);
- d.** Do not use for more than ... in one season at a time on plants/crops;
- e.** Do not use after ... (state the stage of growth);
- f.** The time period between the last application and the harvesting of the crops.

SAFETY INSTRUCTIONS FOR THE ENVIRONMENT

- a.** Dangerous for pets, livestock, fish, bees and wildlife;
- b.** Keep livestock from areas that have been treated with Pesticides;
- c.** Keep cattle away from waters that have been treated with Pesticides for at least ... (specify the time period);
- d.** Do not pollute ponds, lakes, rivers, waterways and other waters with Pesticide waste or its container;
- e.** Dispose of water used in the cleaning of the containers and/or Pesticide applications away from ponds, lakes, rivers, waterways and other waters;
- f.** (Mention the kind of pesticide) is persistent and the many use of it can cause environmental pollution possibly with adverse consequences.

DESCRIPTION OF POISONING SYMPTOMS

- 1.** Symptoms of poisoning are those that are easily detected, expressed by certain sentences adjustable to the nature of the Pesticides in question.
- 2.** After the sentence about the early symptoms of poisoning, the following sentence needs to be added, "If poisoning occurs stop working immediately and take first aid action and immediately contact a medical personnel".

DESCRIPTION OF HELP GUIDELINES

- 1.** First Aid Instructions are medical measures that can be immediately carried out by oneself or others before being handled by an authorized medical personnel.
- 2.** First Aid Instructions are adapted to the nature of the Pesticides concerned, stated in certain sentences as follow:

FIRST AID DIRECTION STATEMENTS

- a.** take off the clothes that have been in contact the pesticides and wash the affected skin thoroughly with soap and water, and keep the patient energized;
 - b.** if the eyes came in contact with the Pesticides, wash immediately with clean water for 15 minutes;
 - c.** if the pesticide is swallowed and patient is still conscious, immediately try vomiting by drinking a glass of warm water that is given a spoon of kitchen salt or by tickling the throat with clean fingers. Keep on vomiting until the vomit becomes clear;
 - d.** do not give something by mouth to patients who are not conscious/fainted;
 - e.** if inhaled, bring the patient into a fresh air room and if necessary provide artificial respiration through or by administering oxygen;
 - f.** contact a doctor or authorized medical personnel, if possible bring and show the pesticide Label.
- 3.** Medical treatment is an act of health care that can be carried out by a doctor or other authorized medical personnel.
 - 4.** If the Pesticide concerned has an antidote, the name and requirements and procedures for using the antidote must be listed.
 - 5.** Medical treatment is stated in sentences adjusted to the nature of the Pesticide in question.

DESCRIPTION OF STORAGE INSTRUCTIONS

- 1.** Storage instruction is as follows, "Keep Pesticide in a safe, cool, dry place, not exposed to direct sunlight. Keep out of reach of children, water sources, animals, and away from fire".
- 2.** Another sentence regarding storage instructions can be added according to the nature of the Pesticide concerned.

DESCRIPTION OF USE INSTRUCTIONS

Instructions for use are stated in sentences adjusted to the objectives, requirements and procedures for their use, including the following:

- a.** humans, animals, plants or other objects in accordance with the Decree of the Minister of Agriculture;
- b.** target disturbing organisms;

- c. the dose is stated in units of weight (grams, kilograms) or units of volume (milliliters, liters) per unit area, units of weight or a certain unit of space applied;
- d. concentration, expressed in grams or milliliters of the formulation per unit volume of spray liquid;
- e. the volume of spray liquid is expressed in liters per unit area, unit weight or unit of space specified;
- f. application method;
- g. how to avoid negative impacts on non-target organisms and other environments;
- h. application time;
- i. waiting period to avoid residual problems and phytotoxicity.

INCLUSION OF PICTOGRAMS

1. Pictograms are mainly for conveying messages about storage, use and security.
2. Pictograms, among others, are as described previously.

LABELS FOR LIMITED PESTICIDES

For Limited Pesticides in addition to following the provisions above, it is mandatory to follow the provisions of the Limited Pesticides Label, namely:

1. The base color of the label must be orange;
2. The label should include the phrase "only used by certified users", written in letters that are easy to read.

The provision of the orange label color is intended to facilitate the supervision of the distribution, storage and use of the Pesticides and to facilitate the responsibility of the registration holder for the distribution of the Pesticides.

LABEL ARRANGEMENT

1. Label for small packages that is not possible to include all the information needed, can be arranged as follows:
 - a. On the Label attached to the container, include the information comprising of a, b, c, d, f, g, h, k, l, m, n, o;
 - b. Additional labels that are not attached to the container shall include all the information.
2. On the Label attached to the container must state the phrase, "Read the separate sheet accompanied with this container".
3. All information on the Label must use Bahasa Indonesia.
4. Information in foreign languages can be added and is only a translation of information in Bahasa Indonesia.

5. Information on the Label must be printed clearly and easily read under normal conditions and not easily fade or damaged by weather, pesticides or other materials.
6. The color of the writing must contrast with the basic color of the Label.

The information on the Label can be arranged in 1 (one) or more than 1 (one) panel as follows:

1. If arranged in 1 (one) panel then all information must be listed in that panel.
2. If arranged in more than 1 (one) panel, the main panel must contain information, while the other panel contains information that is not listed in the main panel.
3. Pictograms, danger warning sentences, and hazard symbols are placed at the bottom.
4. Classes of Pesticide hazard are stated on the tape along the Label, in a certain color, as explained previously.
5. The tape's width is 15 (fifteen) percent of the label's width.
6. Pictograms and symbols and warnings can be placed on the tape.

THE MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA,

Signature

AMRAN SULAIMAN

APPENDIX VI
REGULATION OF THE MINISTER
OF AGRICULTURE OF THE
REPUBLIC OF INDONESIA
NUMBER 43 OF 2019
ON
REGISTRATION OF PESTICIDES

FORMATS

| NO. | FORMAT | REGARDING |
|-----|----------|--|
| 1. | Format-1 | Statement letter |
| 2. | Format-2 | Registration of Synthetic/Metabolite/Mineral Pesticides |
| 3. | Format-3 | Registration of Biological Pesticides/Attractants/Pheromones/Plant Growth Regulators |
| 4. | Format-4 | Registration of Household Pesticides and/or Vector Control of Disease in Humans |
| 5. | Format-5 | Registration of Technical Materials |
| 6. | Format-6 | Export Registration |
| 7. | Format-7 | Report on the Production and Distribution of Pesticides, Technical Materials for Pesticides, and/or Pesticides for Export by Registration Number Holders and Owners of Pesticide Production Facilities |

THE MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA,

Signature

AMRAN SULAIMAN

COMPANY LETTERHEAD

STATEMENT LETTER

The undersigned below:

Name :

Company :

Company's address :

In regards to the application for registration of pesticides with the trade name ... (active ingredients:) we hereby declare that:

- 1. The data in the registration document submitted is true. If in the future any untruth is found on the data/documents, we are willing to accept sanctions of refusal/revoking of the registration/permit numbers and will not be filing lawsuits.
- 2. If in the future it turns out there is someone more entitled to the brand, we are willing to withdraw and replace the brand.
- 3. that if in the future there are claims to intellectual property rights over part or all of the components of the pesticide that we have registered it is our full responsibility and does not involve the Ministry of Agriculture.

Best regards,

.....
(City)

.....
(Date)

.....
(stamp duty, signature,

and clear names, as well as
stamp of the applicant's legal entity)

SYNTHETIC/METABOLITE/MINERAL PESTICIDE REGISTRATION FORM

To:
MINISTER OF AGRICULTURE
Jl.. HARSONO R.M. No. 3
JAKARTA

APPLICATION FOR REGISTRATION OF SYNTHETIC/METABOLITES/MINERALS PESTICIDES

I. PESTICIDE STATE AND PROPERTIES

1. FORMULATION TRADE NAME:

2. PESTICIDE TYPE:

3. FORMULATION FORM

(Put a cross (x) on the appropriate information)

- (1) Suspended Flour (Wettable Powder / WP)
- (2) Soluble Powder (SP)
- (3) Other Flour (Powder/P) *
- (4) Granules (GR)
- (5) Soluble Concentrate (SL)
- (6) Emulsifiable Concentrate (EC)
- (7) Oil Miscible Concentrate (OL)
- (8) Suspension Concentrate (SC)
- (9) Block Bait (BB)
- (10) Capsules that can be suspended (Capsulated Suspension/CS)
- (11) Concentrate for seed treatment (Flowable Concentrate for Seed Treatment/FS)
- (12) Vaporizable Pellets (Smoke Pellet/FW)
- (13) Paste (PA)
- (14) Dispersible Granules (Water Soluble Granules/SG)
- (15) Tablets (TB)
- (16) Granules that can be dispersed in water (Water Dispersible Granule/WGI)
- (17) Liquefied Gas (Gas/GA)
- (18) Other*

Description:

- 1. If there is not enough space in this questionnaire, the information requested must be given in the attachment signed by the applicant.
- 2. Other additional information may be requested if deemed necessary.

6. FORMULATION COMPATIBILITY

(Give a cross (x) to the appropriate information)

This pesticide can be mixed with other pesticides that react:

(a) **Acid** (b) **Alkalis** _____ (c) **Neutral**

Other remarks *: Compatible with other insecticides

7. ACTIVE CHEMICAL INGREDIENT NAMES AND FORMULA

(1) Chemical name (according to the International Union for Pure and Applied Chemistry).

(2) Empirical formula

(3) The constructing formula

(4) Common names according to

(a) International Standards Organization (ISO)

(b) The competent authority in the country of origin

(c) Producer of Active Ingredients

(5) Classification

8. PHYSICAL PROPERTIES OF ACTIVE MATERIALS

- (1) Melting point °C or °F
- (2) Boiling point °C or °F
- (3) Flashing point °C or °F
- (4) Steam pressure At temp °C or °F
- (5) Density At temp °C or °F

- (6) Solubility of Active Materials in
 - (a) water Or at temp °C or °F
 - (b) organic solution Or ppm at temp °C atau °F
(mention solution name)
- (7) Molecular Weight
- (8) Oxidation Ability

- (9) Distribution coefficient in two non-intervening solvents (Kow, Koc Kads agricultural land characterized by Henry's Constituency)

- (10) Resistance of Active Ingredients to various factors

| (Put a cross (x) in the appropriate column). Decomposition / Degradation rate | Sunlight | Water | Oxygen | Temp | Container material (state the name of the material) |
|---|----------|-------|--------|------|--|
| 1. Not affected at all | | | | | |
| 2. Slightly breaking down/experiencing degradation | | | | | |
| 3. Rather easy to break down/experiencing degradation | | | | | |
| 4. Easy to break down/experiencing degradation | | | | | |

9. TECHNICAL MATERIAL COMPOSITION*

| Types of composition materials | Common names/Chemical names of the composition materials **** | Composition Material Level |
|---|---|----------------------------|
| 1.Active Material** 2. Impurities*** | | |

Composition Material Levels Equipped with a Certificate of Analysis (CoA)

** In the case that an Active Material consists of several isomers, it is necessary to mention the name of each isomers in their levels

*** Each ingredient of a mixture or group of ingredients must be named common name or chemical name

**** Comes with Chemical Abstract Number (CAS No)

10. FORMULATION ANALYSIS METHOD

(Write a summary of the methods for determining the type and content of Active Materials and attach a detailed description of the method in Bahasa Indonesia or English).

11. RESIDUE ANALYSIS METHOD

(Attach a complete method in Bahasa Indonesia or English to determine the levels of Pesticide residues including metabolites formed in plant material or other materials, which describe in detail how to extract, how to purify, and how to determine residue levels and the tools and materials used in each method)

12. PERSISTENCY DATA IN THE ENVIRONMENT

(DT 50 on soil, water)

II. USE BEING REGISTERED

| Plants or livestock / Commodities treated and target organisms or intended use* | Recommended dosage or concentration of Formulation ** | Time of Application | Method of Application | The time of last application before crops are harvested or livestock are slaughtered or agricultural produce consumed |
|--|--|------------------------|--------------------------|---|
| | | | | |

* Written in alphabetical order

** The dose / concentration used is a single dose except for herbicides

III. EFFICACY AND PHYTOTOXICITY

1. EFFICACY TOWARDS TARGET ORGANISM

2. EFFICACY TRIAL*

| Plants or livestock / Commodities treated and target organisms or intended use | Efficacy trials that have been carried out | | |
|---|--|------|------------------------------------|
| | Location and number of trials | Time | Trial organizer/ Data Source |
| | | | |
| * Also attach a trial report conducted in Indonesia | | | |

3. PHYTOTOXICITY

(1) Sensitive plant species

(2) The waiting period to avoid the phytotoxic effects

(3) Other information

IV. TOXICOLOGY

1. ACUTE TOXICITY*

| Method of Receiving | Type of Trial Animal | LD ₅₀ value (mg / kg body weight) or LD ₅₀ (specify unit of concentration and time period) | | |
|---------------------|----------------------|--|--------------------|----------------------|
| | | Formulation | Technical Material | Pure Active Material |
| Oral | | | | |
| Dermal | | | | |
| Intravenous | | | | |
| Subcutaneous | | | | |
| Intramuscular | | | | |
| Intraperitoneal | | | | |
| Inhalation | | | | |

* Also attach a trial report / data source that states the acute toxicity data

2. EYES AND SKIN IRRITATIONS (Also attach test reports / data

sources in question)

3. SENSITIZATION

(Attach the intended test report / data source)

4. SHORT-TERM TOXICITY

(Briefly describe the dosage level that does not cause toxicological effects (no observable effect level). Attach the data in question).

5. LONG-TERM TOXICITY

(Briefly describe the dosage level that does not cause toxicological effects (no observable effect level). Attach the data in question).

6. MEDICAL DATA

(1) Clinical signs and symptoms of poisoning :

(2) Diagnosis of poisoning :

(3) First aid :

(4) Medical treatment :

(Describe the instructions that the doctor needs and the antidote for poisoning, if any).

(5) Health reports in industry, agriculture, etc. :

V. RESIDUAL DATA

| Crop material/livestock commodity being examined for residue | Dosage, number of applications and application intervals | Final application (specify how many days before the crop is harvested / livestock are slaughtered) | During sampling (specify how many days after the last application) | During residue analysis (specify how many days after the last application) | Residue found (ppm) | Data Source |
|--|--|--|--|--|---------------------|-------------|
| | | | | | | |

VI. ENVIRONMENTAL TOXICOLOGY

1. LABORATORY TRIAL DATA OF ACUTE TOXICITY IN FISH

| Test Fish Species Name | LC50 (ppm formulation) | | | Data Source |
|--|------------------------|----------|----------|-------------|
| | 24 hours | 48 hours | 96 hours | |
| Cyprinus carpio | | | | |
| Oreochromis niloticus | | | | |
| Puntius gonionotus | | | | |
| Other fish (Mention test fish species name) | | | | |

2. FIELD DATA TRIALS ABOUT THE RISKS ON FISH

| Test Fish Species Name | LT 50 (day) | survival % | Productivity) (g/fish) | Data Source |
|------------------------|----------------|---------------|---------------------------|-------------|
| | | | | |

3. INFORMATION ABOUT THE RISKS FOR WILD ANIMALS AND THE ENVIRONMENT

- (1) Toxicity on birds
- (2) Toxicity on other vertebrates
(acute toxicity, etc.)
- (3) Toxicity on bees
- (4) Toxicity on natural enemies
- (5) Toxicity on other useful
insects
- (6) Metabolism in plants or
animals, displacement and
persistence in soil and water

VII. OTHER INFORMATION ABOUT PESTICIDES

1. DESTRUCTION METHODS

(Describe how to destroy the pesticides and its containers that are safe for the workers, third parties and the environment).

2. CONTAINERS AND WRAPPING (1)

Containers

| Volume/Mass Desc. on Container | |
|---|--|
| 1. Ingredients 2. Form 3. Size (diameter) (height) 4. Material thickness 5. Color 6. Material of the container surface layer 7. Material of container cover | |

(2) Wrapping

(Describe by mentioning the wrapping material, shape, size, thickness of the material, the number of containers wrapped, how to wrap including insulation between containers, etc.)

3. PROPOSED LABEL

(Attach examples proposed in Bahasa Indonesia in accordance with applicable regulations).

4. DESCRIPTION OF REGISTRATION AND PERMITS IN OTHER COUNTRIES

(Attach a copy of the permit and name that applies in the country of origin and in several other countries)

VIII. DESCRIPTION OF APPLICANTS FORMULATION AND ORIGIN OF
TECHNICAL/ACTIVE MATERIALS

1. APPLICANT'S NAME AND ADDRESS

2. NAME AND ADDRESS OF FORMULATION OWNER

3. NAME AND ADDRESS FOR TECHNICAL/ACTIVE MATERIALS PRODUCER

Filled in accordance with the truth,

.....
(city)

.....
(date)

.....
(stamp duty, signature,
clear name, and stamp of
the applicant's legal entity)

REGISTRATION FORM FOR BIOLOGICAL
PESTICIDE/ATTRACTANT/PHEROMONS/GROWTH REGULATORS OF PLANTS

To.
MINISTER OF
AGRICULTURE
JL HARSONO R.M. No. 3
JAKARTA

APPLICATION FOR REGISTRATION OF BIOLOGICAL
PESTICIDE/ATTRACTANT/PHEROMONS/GROWTH REGULATORS OF PLANTS

I. THE STATE AND PROPERTIES OF BIOLOGICAL
PESTICIDE/ATTRACTANT/PHEROMONES/GROWTH REGULATOR OF PLANTS

1. FORMULATION TRADING NAME

2. PESTICIDE TYPE

3. FORMULATION FORM

(Give a cross (x) to the appropriate information)

- (1) Flour that can be suspended (Wettable Powder/WF)
 - (2) Soluble Powder (SR)
 - (3) Other Flour (Powder/F)*
 - (4) Granules (GR)
 - (5) Solution in water (Soluble concentrate/SL)
 - (6) Emulsifiable concentrate (EC)
 - (7) Solution in oil (oil concentrate/OC)
 - (8) Concentrated suspension (SC)
 - (9) Block bait (BB)
 - (10) Others *
-

Description:

1. If there is not enough space in this questionnaire, then the information requested must be given to the attachment signed by the applicant.
2. Other additional information may be requested if deemed necessary.

4. STATE AND PHYSICAL PROPERTIES OF CHEMICAL FORMULATION

(1) Color

(2) Density at temp °C or °F

(3) Thickness at temp °C or °F

(4) Storage durability (time) year - month

(5) Particle/dimension size

(6) Moisture %

(7) pH .

(8) Refraction index

(9) Flour Density kg/l
(*tap/ bulk density*)

(10) Granular structure

(Put a cross (x) on the appropriate information)

(a) The active ingredient is on the outer surface of the grains (not wrapped)

(b) The active ingredient is inside the granules (wrapped)

(11) Smell

5. FORMULATION COMPOSITION

| Type of Composition Material | Composition Material | Common Name/Chemical Name of Composition Material |
|--|-----------------------------|--|
| 1. Active Ingredients, as: Pure Active Ingredients 2. Solvents 3. Carrier 4. Fillers 5. Emulsifying material 6. Grading material 7. Wetting agent 8. Adhesive 9. Dispersing agent 10. Stabilizing agent 11. Coloring agent 12. Smelling material 13. Other materials (specify the | | |

* Expressed in grams / liter for liquid formulations and in percent by weight for solid, semi-solid, thick, or liquid and solid formulations

II. USE BEING REGISTERED

| Plants or livestock / Commodities treated and target organisms or intended use* | Recommended dosage or concentration of Formulation | Time of Application | Method of Application | The time of last application before crops are harvested or livestock are slaughtered or agricultural produce consumed |
|--|---|------------------------|--------------------------|--|
| | | | | |

III. EFFICACY

1. METHODS TOWARDS TARGET ORGANISM

2. EFFICACY*

| Plants or livestock / Commodities treated and target organisms or intended use | Efficacy trials that have been carried out | | |
|---|--|------|------------------------------------|
| | Location and number of trials | Time | Trial organizer/ Data Source |
| | | | |
| * Also attach a trial report conducted in Indonesia | | | |

IV. OTHER INFORMATION ABOUT PESTICIDES

1. CONTAINERS AND WRAPPING

(1) Containers

| Description On container | Volume/mass |
|--|-------------|
| <ol style="list-style-type: none">1. Ingredients2. Form3. Size (diameter) (height)4. Material thickness5. Color6. Material of the surface layer of the container7. Material of container cover | |

(2) Wrapping

(Describe by mentioning the wrapping material, the shape, size, thickness of the material, the number of containers wrapped, how to wrap including insulation between the containers, etc.)



2. PROPOSED LABEL

(Attach the proposed examples in Bahasa Indonesia in accordance with the provisions of the applicable regulations).

3. DESCRIPTION OF REGISTRATION AND PERMITS IN OTHER COUNTRIES

(Attach a copy of the permit and name that applies in the country of origin and in several other countries).

V. DESCRIPTION OF THE FORMULATION OWNER APPLICANT

1. APPLICANT NAME AND ADDRESS

2. FORMULATION OWNER NAME AND ADDRESS

Filled in accordance with the truth

.....
(place)

.....
(date)

.....
(stamp duty, signature,
full name, and stamp of
the applicant's legal entity)

HOUSEHOLD PESTICIDE AND PESTICIDES FOR DISEASE VECTOR CONTROL IN HUMAN
REGISTRATION FORM

To.
MINISTER OF AGRICULTURE
JI. HARSONO R.M. No.3
JAKARTA

APPLICATION FOR REGISTRATION OF HOUSEHOLD PESTICIDES AND PESTICIDES FOR
DISEASE VECTOR CONTROL IN HUMAN

I. STATE AND PROPERTIES OF PESTICIDE

1. FORMULATION TRADING NAME

2. PESTICIDE TYPE

3. FORMULATION TYPE

(Give a cross (x) to the appropriate information)

- (1) Aerosol (Aerosol Dispenser/ AE)
- (2) Solution (Anyother Liquid/AL)
- (3) Circumference solids (Mosquito Coil/MC)
- (4) Vapsible Solutions (Liquid Vaporizer/LV)
- (5) Puck solids (Vaporizing Mats/MV)
- (6) Ready-made Bait (Block Bait/BB)
- (7) Emulsifiable Concentrate (EC)
- (8) Solution in water (Soluble Concentrate/SL)
- (9) Granules (GR)
- (10) Suspension Concentrate (SC)
- (11) Fogging (Hot Fogging Concentrate/HN)
- (12) Lanterns (Liquid Vaporation/LV)
- (13) Lotion (Lotion/Lt)
- (14) Gel (Emulsifiable GL)
- (15) Tablets (Tablets/TB)
- (16) Ultra low volume (ULV) liquid/UL
- (17) Other *

Description:

- 1. If there is not enough space in this questionnaire, the information requested must be given in the attachment signed by the applicant.
- 2. Other additional information may be requested if deemed necessary.

4. STATE AND PHYSICAL PROPERTIES OF CHEMICAL FORMULATION

- (1) Color
- (2) Density at temp °C or - °F
- (3) Thickness at temp °C or - °F
- (4) Storage durability (time): year - month
- (5) Particle/dimension size :
- (6) Moisture
- (7) pH
- (8) Flashing point °C or - °F
- (9) Burning point °C or - °F
- (10) Refraction index
- (11) Flour density kg/l
(*tap/ bulk density*)
- (12) Granular structure (Give a cross (x) to the appropriate information)
 - (a) The active ingredient is on the outer surface of the grains (not wrapped)
 - (b) The active ingredient is inside the granules (wrapped)
- (13) Explosive or not
- (14) Corrosiveness (If corrosive, state the name of the material which can be damaged)
- (15) Smell

5. FORMULATION COMPOSITION*

| Type of Composition Material | Composition Material Level** | Common Name/Chemical Name of Composition Material |
|---|------------------------------|---|
| <p>1. Active Material, as:</p> <p>1.1 Pure Active Material (not technical material)</p> <p>1.2 Technical material (impurities).</p> <p>2. Solvents</p> <p>3. Carrier</p> <p>4. Fillers</p> <p>5. Emulsifying material</p> <p>6. Grading material</p> <p>7. Wetting agent</p> <p>8. Adhesive</p> <p>9. Dispersing agent</p> <p>10. Stabilizing agent</p> <p>11. Coloring</p> <p>12. Smelling material</p> <p>13. Other materials (specify the function)</p> | | |

* Equipped with a Certificate of Analysis (CoA) and Certificate of Composition (CoC)

** Expressed in grams / liter for liquid formulations and in percent by weight for solid, semi-solid, thick or liquid or solid formulations

6. ACTIVE CHEMICAL INGREDIENT NAMES AND FORMULA

(1) Chemical name (according to the International Union for Pure and Applied Chemistry).

(2) Empirical formula

(3) The constructing formula

(4) Common names according to

(a) International Standards Organization (ISO)

(b) The competent authority in the country of origin

(c) Producer of Active Ingredients

(5) Classification

7. PHYSICAL PROPERTIES OF ACTIVE MATERIALS

(1) Melting point °C or °F

(2) Boiling point °C or °F

(3) Flashing point °C or °F

(4) Steam pressure . at temp °C or °F

(5) Density at temp °C or °F

(6) Solubility of active ingredients in

(a) Water or at temp °C or °F

(b) organic solvent or ppm at temp °C or °F
(mention solvent name)

(7) Molecule weight

(8) Oxidation capability

(9) Resistance of Active Ingredients to various factors

| (Put a cross (x) in the appropriate column) Decomposition / Degradation Rate | Sunlight | Water | Oxygen | Temp | Container Material (state what material is used) |
|---|----------|-------|--------|------|--|
| 1. Not affected at all | | | | | |
| 2. Slightly breaking down/experiencing degradation | | | | | |
| 3. Rather easy to break down/experiencing degradation | | | | | |
| 4. Easy to break down/experiencing degradation | | | | | |

8. TECHNICAL MATERIAL COMPOSITION*

| Composition Material Type | Common Name/Chemical Name of Composition Material | Composition Material Level |
|---|---|----------------------------|
| 1. Active Material ** | | |
| 2. Mixed material/ impurities** * | | |

* Equipped with a Certificate of Analysis (CoA)

** In the case that the active ingredient consists of several isomers, it is necessary to mention the name of each isomer in the level

*** Each ingredient of a mixture or group of ingredients must have its common name or chemical name mentioned

9. FORMULATION ANALYSIS METHOD

(Write a summary of the methods for determining the type and content of Active Ingredients and attach a detailed description of the method in Bahasa Indonesia or English)

II. USES THAT ARE REGISTERED

| Target Organism or Intended Purpose | Recommended Dosage or Concentration Formulation | Time of Application | Method of Application |
|---|--|------------------------|--------------------------|
| | | | |

III. EFFICACY

I. METHOD OF WORK TOWARDS TARGETED ORGANISM

II. EFFICACY EXPERIMENT*

| | Efficacy Experiments that Have Been Conducted | | |
|---|---|------|---------------------------------------|
| | Location and Number of Experiments | Time | Experiment Executant / Source of Data |
| | | | |
| *Attach the experiment report carried out in Bahasa Indonesia as well | | | |

IV. TOXICOLOGY

1. ACUTE TOXICITY*

| Method of Giving | Types of Animal Experiments | Value of LD50 (mg/kg body weight) or LD50 | | |
|------------------|-----------------------------|---|---------------------|-----------------------|
| | | Formulation | Technical Materials | Pure Active Materials |
| Oral | | | | |
| Dermal | | | | |
| Inhalation | | | | |

*Attach the experiment report that mentions the acute toxicity data as well

2. EYE AND SKIN IRRITATION

3. SENSITIZATION

4. SHORT TERM TOXICITY

(Briefly describe the dosage level, which does not cause toxicological effects (*no observable effect level*). Attach the data in question).

5. LONG TERM TOXICITY

(Briefly describe the dosage level, which does not cause toxicological effects (*no observable effect level*). Attach the data in question).

6. MEDICAL DATA

(1) Clinical signs and symptoms of poisoning :

(2) Poisoning diagnosis :

(3) First response :

(4) Medical treatment
(Describe the instructions the doctor needs and the antidote required for the poisoning if present) :

V. OTHER INFORMATION ABOUT PESTICIDES

1. METHODS OF DESTRUCTION

(Describe ways to destroy pesticides and its unused containers, which are safe for workers, third parties and the environment).

2. CONTAINER

(1) Container

| Volume/Weight | |
|---|--|
| Description of the Container | |
| 1. Materials 2. Shape 3. Size (diameter) (height) 4. Thickness of material 5. Color 6. Container surface coating material 7. Container lid material | |

(2) Wrapping

(Describe by mentioning the packaging material, the shape, size, thickness of the material, the number of containers wrapped, how to wrap including insulation between containers, etc.)

3. PROPOSED LABEL

(Enclose the proposed examples in Bahasa Indonesia in accordance with the provisions of the applicable regulations).

4. DESCRIPTION OF REGISTRATION AND PERMISSIONS IN OTHER COUNTRIES

(Attach a copy of the permit and name that applies in the country of origin and some in other countries).

VI. INFORMATION REGARDING THE APPLICANT WHO OWNS THE FORMULATION AND THE ORIGIN OF THE TECHNICAL / ACTIVE MATERIAL

1. NAME AND ADDRESS OF APPLICANT

2. NAME AND ADDRESS OF FORMULATION OWNER

3. NAME AND ADDRESS OF THE CREATOR OF THE TECHNICAL MATERIALS / ACTIVE MATERIALS

Filled in accordance with the truth

.....
(city)

.....
(date)

.....
(stamp duty, signature,
full name, and stamp of
the applicant's legal entity)

APPLICATION FORM FOR PESTICIDE TECHNICAL MATERIALS

Dear.
MINISTER OF AGRICULTURE
JL. HARSONO R.M. NO.3
JAKARTA

APPLICATION FOR REGISTRATION OF PESTICIDE
TECHNICAL MATERIALS

I. THE STATE AND TECHNICAL PROPERTIES

1. TRADING NAME OF TECHNICAL MATERIALS :

2. TYPES OF TECHNICAL MATERIALS

(give an (x) in the appropriate description)

- | | |
|----------------------|--------------------------|
| (1) Acaricide | <input type="checkbox"/> |
| (2) Bactericide | <input type="checkbox"/> |
| (3) Fungicide | <input type="checkbox"/> |
| (4) Herbicide | <input type="checkbox"/> |
| (5) Insecticide | <input type="checkbox"/> |
| (6) Molluscicide | <input type="checkbox"/> |
| (7) Nematicide | <input type="checkbox"/> |
| (8) Rodenticide | <input type="checkbox"/> |
| (9) Growth Regulator | <input type="checkbox"/> |
| (10) Other* | <input type="checkbox"/> |

•The type of technical material referred to should be informed to

Explanation:

1. If there is not enough space in this questionnaire, the information requested must be given in the attachment and signed by the applicant.
2. Additional information may be requested if deemed necessary.

3. KINDS OF TECHNICAL MATERIALS

(give an (x) in the appropriate description)

(a) Synthetic Technical Material

(1) original technical material*

(2) processed technical materials (premix)

(b) Biological Technical Material

(1) original technical material**

(2) processed technical materials (premix)

(c) Others

(types of technical material to be mentioned)

| *) Goods that are produced directly from the process of synthesis, extraction or other processes to produce Active Materials

| **) Materials produced from the processing of Technical Materials by adding solvents, stabilizers or other materials to facilitate or fulfill certain requirements in the packaging, removal, storage and use of Technical Materials before the process of making formulation products.

4. HOW TO MAKE TECHNICAL MATERIALS

(Outline the principles for making the Technical Materials in question)

5. STATE AND PHYSICAL PROPERTIES OF TECHNICAL MATERIALS

a. Shape of

Technical Material

(give an (x) in the appropriate description)

- (1) solution
- (2) emulsion
- (3) suspension
- (4) paste
- (5) powder
- (6) crystal
- (7) compressed gas
- (8) others*

*The shape of the Technical Material referred to is to be mentioned

- b. Color :
 - c. Density : at °C or - °F
 - d. Thickness : at °C or - °F
 - e. Shelf life (time) : year month
 - f. Particle and dimension size :
 - g. Moisture Content :
 - h. Acidity :
 - i. Basicity :
 - j. Flash Point : at °C or - °F
On pressure MHg
 - k. Ignition Point : at °C or - °F
On pressure MHg
 - l. Melting Point : at °C or - °F
On pressure MHg
 - m. Bias Index :
 - n. Tap/Bulk Density :
 - o. Easy to explode or not :
 - p. Corrosivity :
(If corrosive, state the name of the material that can be damaged).
-

6. COMPOSITION OF TECHNICAL MATERIALS*

| Types of Constituent Materials | General Name / Chemical Name | Content (%) |
|--|------------------------------|-------------|
| 1. Original Technical Material (1) Active Material** (2) Accompanying Material*** 2. Processed Technical Materials (1) Original Technical Material Active Material Accompanying Material (2) Added Material | | |

* Equipped with a Certificate of Analysis (CoA).

** In terms of Active Material consists of a few isomer, it is required to mention each isomer and its content.

*** Each accompanying material or accompanying group, its general and chemical names must be mentioned.

7. COMPATIBILITY OF TECHNICAL MATERIALS

(give an (x) in the appropriate description)

This Pesticide can be mixed with other Pesticides that react:

(a) Acid (b) Alkaline (c) Neutral

Other details*:

* Apart from chemical compatibility, if due to phytotoxicity or other reasons the formulation may not be mixed with other formulations, it is to be explained.

8. NAME AND FORMULA OF ACTIVE CHEMICAL MATERIALS

(1) Chemical Name (according to the International Union for Pure and Applied Chemistry).

(2) Empirical Formula:

(3) Molecular Formula:

(4) General Name according to

(a) International Standards Organization:

(b) An authorized body in the country of origin:

(mention the name of the body, country of origin and the Active Ingredient general name)

(c) Active Ingredient maker:

9. PHYSICAL PROPERTIES OF ACTIVE MATERIALS

- (1) Shape
 - (2) Boiling Point : at 220 °C or - °F
 - (3) Melting Point : at °C or °F
 - (4) Steam Pressure : at °C or °F
 - (5) Solubility of Active Ingredients in
 - (a) Water : at 20°C or - °F
 - (b) Organic Solvent : % or ppm at 20°C or - °F
(mention the name of solvent)
 - (6) Distribution coefficient in two solvents:
that cannot be mixed
(specify the solvent in question)
-

(7) Resistance of Active Ingredients to various factors
(give an (x) in the appropriate description)

| Decomposition / Degradation Rate | Sunshine | Water | Oxygen | Temperature | Container Material (Mention the container material) |
|---|----------|-------|--------|-------------|---|
| 1. Not at all influenced | | | | | |
| 2. A little bit of decomposition / experience degradation | | | | | |
| 3. Quite easy to decompose / experience degradation | | | | | |
| 4. Easy to decompose / experience degradation | | | | | |

Note: If there is quantitative data, the data should be attached.

10. ANALYTICAL METHOD OF TECHNICAL MATERIAL

(Write a summary of methods to determine the type and content of Active Ingredients and attach a detailed description of the method in Bahasa Indonesia or English).

II. HOW TO WORK AGAINST TARGET ORGANISM

III. MAMMALS TOXICOLOGY

1. ACUTE TOXICITY*

| Way of Giving | Type of Animal Experiment | LD50 Value (mg/kg weight) or LD50 (specify Unit of Concentration and Duration) | |
|--|---------------------------|--|-------------------------|
| | | Technical Material | Pure Active Ingredients |
| (1) Oral (2) Dermal (3) Inhalation | | | |

*) Attach a trial report that mentions the acute toxicity data

2. EYES AND SKIN IRRITATION

3. SENSITIZATION

4. SHORT TERM TOXICITY

(Briefly describe the dose level that does not cause toxicological effects (no observable effect level). Attach the intended data).

5. LONG TERM TOXICITY

(Briefly describe the dose level that does not cause toxicological effects (no observable effect level), including carcinogenic, neurotoxic, teratogenic, mutagenic, etc. Attach data as intended).

6. MEDICAL DATA

(1) Clinical signs and symptoms of poisoning :

(2) Poisoning diagnosis :

(3) First aid :

(4) Medical care :
(describe the instructions
needed by the doctor and
antidote for poisoning, if any).

(5) Medical reports in industries, :
agriculture, etc.

IV. OTHER INFO ABOUT TECHNICAL MATERIAL

1. HOW TO DESTRICT

(Describe how to destroy pesticides and their unused containers that are safe for workers, third parties and the environment).

2. CONTAINER AND WRAPPING

1. Container

| Volume/Weight | |
|---------------------------------------|--|
| Description of the Container | |
| 1. Material | |
| 2. Shape | |
| 3. Size | |
| 4. Thickness of Material | |
| 5. Color | |
| 6. Container surface coating material | |
| 7. Container cover material | |

3. PROPOSED LABEL

(Attach the example proposed in Bahasa Indonesia in accordance to the regulatory provisions that exists)



V. DESCRIPTION OF APPLICANTS AND CREATORS OF TECHNICAL MATERIALS

1. NAME AND ADDRESS OF APPLICANTS

2. NAME AND ADDRESS OF CREATORS OF TECHNICAL MATERIALS



Fill in accordance with the truth

.....
(place)

.....
(date)

.....
(signature and clear name
and stamp of the applicant's legal entity)

APPLICATION FORM FOR PESTICIDE FOR EXPORTS

To.
 MINISTER OF AGRICULTURE
 JL. HARSONO R.M. NO.3
 JAKARTA

APPLICATION FOR REGISTRATION OF PESTICIDE
 FOR EXPORTS

I. THE STATE AND PROPERTIES OF PESTICIDES

1. TRADING NAME FORMULATION:

2. TYPES OF PESTICIDES:

3. FORMULATION FORMS:

(give an (x) in the appropriate description)

- (1) Powder that can be suspended (Wettable Powder/WP)
- (2) Water-soluble powder (Soluble Powder/SP)
- (3) Powder (Powder/P) others*
- (4) Granule (Granule/GR)
- (5) Solution in water (Soluble Concentrate/SL)
- (6) Concentrate that can be emulsified (Emulsifiable Concentrate/EC)
- (7) Solution in oil (Oil Miscible Concentrate/OL)
- (8) Suspension Concentrate (Suspension Concentrate/SC)
- (9) Block (Block Bait/BB)
- (10) Capsule that can be suspended (Capsulated Suspension/CS)
- (11) Concentrate for seed treatment (Flowable Concentrate for Seed Treatment/FS)
- (12) Steamable pellets (Smoke Pellet/FW)
- (13) Paste (Paste/PA)
- (14) Grains that can be dispersed in water (Water Soluble Granule/SG)
- (15) Tablet (Tablet/TB)

- (16) Grains that can be dispersed in water (Water Dispersable Granule/WG)
- (17) Liquid gas (Gas/GA)
- (18) Etc.*
-

Explanation:

1. If there is not enough space in this questionnaire, the information requested must be given in the attachment signed by the applicant
2. Additional information is requested if deemed necessary

4. THE STATE AND PHYSICAL PROPERTIES OF CHEMICAL FORMULATION

- (1) Color :
- (2) Density : at °C or - °F
- (3) Consistency : at °C or - °F
- (4) Storage durability (time) : tahun - bulan
- (5) Size of particle/dimension :
- (6) Water content : %
- (7) pH :
- (8) Flash point : at °C or - °F
- (9) Burn point : at °C or °F
- (10) Bias index :
- (11) Powder density
(tap/bulk density) : kg/l
- (12) Granule structure :
(give an (x) in the appropriate description)
- (a) Active Materials are on the outer surface of the granules
(not wrapped)
- (b) Active Materials are within the granules (wrapped)
- (13) Easy to explode or not:
- (14) Corrosivity :
(If corrosive, mention the material that can be easily destructed)
- (15) Smell :
-

5. FORMULATION COMPOSITION*

| Types of Constituent Materials | Composite Material Levels** | General Name/Chemical Name Composite Material |
|--|-----------------------------|--|
| <ol style="list-style-type: none"> 1. Active Material, as <ol style="list-style-type: none"> 1.1 Pure Active Material (not Technical Material) 1.2 Technical Material (mix of Active Material with other material/impurities) 2. Solvent 3. Carrier material 4. Filling material 5. Emulsifying agent 6. Grading material 7. Wetting agent 8. Adhesive 9. Dispersing agent 10. Stabilizing agent 11. Coloring agent 12. Odorant 13. Other ingredients (mention the function) | | |

*Completed with a Certificate of Analysis (CoA) and Certificate of Composition (CoC).

**Expressed in grams / liter for liquid formulations and in percent by weight for solid, semi-solid, thick or liquid and solid formulations.

***Completed with Chemical Abstract Number (CAS No.)

6. FORMULATION COMPATIBILITY

(give an (x) in the appropriate description)

This pesticide can be mixed with other pesticides that reacts:

(a) Acid (b) Alkali (c) Neutral

Other information*: Compatible with other insecticides

7. NAME AND FORMULATON OF ACTIVE CHEMICAL MATERIAL

(1) Chemical name (according to the International Union of Pure and Applied Chemistry)

:

(2) Empirical formulation :

(3) Molecular formula :

(4) General name according to

(a) International Standards Organization :

(b) Authorized body in the country of origin :

(c) Active Material creator :

(5) Category :

8. PHYSICAL PROPERTIES OF ACTIVE MATERIALS

- (1) Melting point : at °C or °F
- (2) Boiling point : at °C or °F
- (3) Flash point : at °C or °F
- (4) Steam Pressure : at °C or °F
- (5) Specific gravity : at °C or °F
- (6) Solubility of Active Ingredients
 - (a) water : at °C or °F
 - (b) organic solvent (mention the name of the solvent) : ppm at °C or °F
- (7) Weight of molecule :
- (8) Oxidation ability :
- (9) Distribution coefficient in two solvents which cannot be mixed (Kow, Koc, Kads agricultural land is characterized by Henry's Constellation). :
- (10) Resistance of Active Ingredients to various factors

| (give an (x) in the appropriate description) Decomposition / degradation rate | Sunshine | Water | Oxygen | Temperature | Material of the container (state the name of the material) |
|--|----------|-------|--------|-------------|--|
| 1. Not influenced at all | | | | | |
| 2. A little decomposition/ degradation | | | | | |
| 3. Quite easy to decompose/degrade | | | | | |
| 4. Easy to decompose/degrade | | | | | |

9. COMPOSITION OF TECHNICAL MATERIAL*

| Types of constituent materials | General Name/Chemical Name Constituent Materials***** | Constituent Materials Content |
|--|--|-------------------------------|
| 1. Active Material** 2. Mixed Material / impurities*** | | |

* Equipped with a Certificate of Analysis.

** In terms of Active Materials consists of a few isomers, it is required to mention the name of each isomers in its content.

*** Every mixed material or a group of mixed materials need to mention the general or chemical names

***** Equipped with Chemical Abstract Number (CAS No.)

10. FORMULATION ANALYSIS METHOD

(Write the summary of the method to determine the type and content of the Active Material and attach a detailed description regarding the method in Bahasa Indonesia or English).

11. RESIDUE ANALYSIS METHOD

(Attach the complete method in Bahasa Indonesia or English for determining residual content of Pesticides including metabolites formed in plant material or other materials, which describe in detail the method of extraction, the method of purification and the method of determining residual content and the tools and materials used in each of these methods).

12. PERSISTENCY DATA IN THE ENVIRONMENT

(DT 50 for land, water)

II. USES THAT ARE REGISTERED

| The type of plant or livestock / commodity being treated and the target organism or intended use* | Recommended dosage or concentration of the formulation** | Application time | Application method | The time of last application before the crop is harvested or livestock cut or agricultural produce is consumed |
|---|--|------------------|--------------------|--|
| | | | | |

* Written in alphabetical order.

** The dose / concentration used is a single dose except for herbicides.

III. EFICACY AND PHYTOTOXICITY

1. HOW TO WORK AGAINST TARGET ORGANISM

2. EFICACY TRIAL*

| The type of plant or livestock / commodity being treated and the target organism or intended use | Efficacy experiment that has been implemented | | |
|--|---|------|--|
| | Location and number of experiment | Time | Implementer the experiment / data source |
| | | | |
| *Attach the trial report conducted in Indonesia | | | |

3. PHYTOTOXICITY

(1) Sensitive plant species :

(2) The waiting period to prevent
the phytotoxic effects :

(3) Other details :

IV. TOXICOLOGY

1. ACUTE TOXICOLOGY*

| Way of giving | Type of Animal Experiment | LD50 Value (mg/kg weight) or LD50 (specify unit of concentration and time period) | | |
|--|---------------------------|---|--------------------|----------------------|
| | | Formulation | Technical Material | Pure Active Material |
| 1. Oral 2. Dermal 3. Intravenous 4. Subcutaneous 5. Intramuscular 6. Intraperitoneal 7. Inhalation | | | | |

* Attach the experiment report/data source that mentions the acute toxicity data as mentioned.

2. EYE AND SKIN IRRITATION

(Attach the trial report/data source as referred)

3. SENSITIZATION

(Attach the experiment report/data source as referred)

4. SHORT TERM TOXICITY

(Briefly describe the dose level that does not cause toxicological effects (no observable effect level). Attach the data as referred).

5. LONG TERM TOXICITY

(Briefly describe the dose level that does not cause toxicological effects (no observable effect level). Attach the data as referred).

6. MEDICAL DATA

(1) Clinical signs and symptoms of poisoning :

(2) Poisoning diagnosis :

(3) First aid :

(4) Medical care :
(Describe the instructions the doctor and antidote require for the poisoning if present)

(5) Health report in industries, agriculture, etc.) :

V. RESIDUAL DATA

| Plant / livestock / commodity material whose residue is inspected | Dosage, number of applications and application intervals | Final application (state how many days before the crop is harvested / livestock are slaughtered) | When sampling (state how many days after the last application) | During residue analysis (specify how many days after the last application) | Residues found (ppm) | Data Source |
|---|--|--|--|--|----------------------|-------------|
| | | | | | | |

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

VI. ENVIRONMENTAL TOXICOLOGY

1. LABORATORY TRIAL DATA OF ACUTE TOXICITY IN FISH

| Name of Test Fish Species | LC 50 (formulation ppm) | | | Data Source |
|---|-------------------------|----------|----------|-------------|
| | 24 hours | 48 hours | 96 hours | |
| Goldfish (<i>Cyprinus carpio</i>) | | | | |
| Parrot Fish (<i>Oreochromis niloticus</i>) | | | | |
| Tawes Fish (<i>Puntius gonionotus</i>) | | | | |
| Other fish | | | | |

| | | | | |
|------------------------------|--|--|--|--|
| (Name the test fish species) | | | | |
|------------------------------|--|--|--|--|

2. FIELD TRIAL DATA REGARDING RISKS ON FISH

| Name of Test Fish Species | LT 50 (days) | Survival Rate % | Productivity (gr/fish) | Data Source |
|---------------------------|--------------|-----------------|------------------------|-------------|
| | | | | |

3. INFORMATION ABOUT THE HAZARDS FOR WILD ANIMALS AND THE ENVIRONMENT

(1) Toxicity to birds :

(2) Toxicity to other vertebrae :
(acute toxicity, etc)

(3) Toxicity to bees :

(4) Toxicity to natural enemies :

(5) Toxicity to useful insects :

(6) Metabolism within plants and animals, displacement, persistence in soil and water :

VII. OTHER DETAILS ABOUT PESTICIDES

1. WAYS OF DISPOSAL

(Describe how to dispose the pesticides and their unused containers, which are safe for workers, third parties and the environment).

2. CONTAINERS AND WRAPPING

(1) Containers

| | |
|---|--|
| Volume/Weight | |
| Description of the Container | |
| (1) Material (2) Shape (3) Size (diameter/height) | |

| | |
|--|--|
| (4) Thickness of Material (5) Color (6) Container surface coating material (7) Container cover material | |
|--|--|

(2) Wrapping

(Describe by mentioning the wrapping material, the shape, size, thickness of the material, the number of containers wrapped, how to wrap including insulation between the containers, etc.)

3. PROPOSED LABEL

(Attach examples proposed in Bahasa Indonesia in accordance with applicable regulations.)

4. DESCRIPTION OF REGISTRATION AND PERMISSIONS IN OTHER COUNTRIES

(Attach a copy of the permit and name that applies in the country of origin and in several other countries).

VIII. DESCRIPTION OF APPLICANTS FORMULATION AND ORIGIN OF TECHNICAL / ACTIVE MATERIALS

1. NAME AND ADDRESS OF APPLICANT

2. NAME AND ADDRESS OF FORMULATION OWNER

3. NAME AND ADDRESS OF TECHNICAL MATERIAL/ACTIVE MATERIAL OWNER

Fill in accordance with the truth

\

.....
(place)

.....
(date)

.....
(signature, full name and stamp
of the applicant's legal entity)

REPORT OF PRODUCTION AND DISTRIBUTION OF PESTICIDE, PESTICIDE TECHNICAL MATERIALS, AND / OR PESTICIDES FOR EXPORT BY HOLDERS OF THE REGISTRATION NUMBER AND OWNERS OF PESTICIDE PRODUCTION

A. HOLDERS OF THE PESTICIDE REGISTRATION NUMBER

I. REPORT ON IMPORT OF PESTICIDE FORMULATION

| No. | Name of Imported Pesticide Formulation | Amount | | Nilai (Rp.) | Name and Address of Import Executor | Formulation Source | | Type of Number and Date of Import / Procurement Documents (BL / AWB / and PPUD etc.) | Details |
|-----|--|--------|---|-------------|-------------------------------------|---------------------------------------|------------------------------|--|---------|
| | | kg | l | | | Name and Address of Formulation Owner | Name and Address of Supplier | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | |

* Attach the document photocopy as mentioned

Location, Day, Month and Year

Stamp and signature of

II. REPORT ON IMPORT / PROCUREMENT OF TECHNICAL PESTICIDES MATERIAL

| No. | Name of Imported / Provided Technical Pesticides | Amount | | Nilai (Rp.) | Name and Address of Import Implementer / Provider | Technical Material Sources | | Type of Number and Date of Import / Procurement Document (BL / AWB / and PPUD etc.) | Details |
|-----|--|--------|---|-------------|---|----------------------------|------------------------------|---|---------|
| | | kg | l | | | Name and Address of Owner | Name and Address of Supplier | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | |

* Attach the document photocopy as mentioned

Location, Day, Month and Year

Stamp and signature of
Holders of Registration Numbers

III. PESTICIDE FORMULATION PRODUCTION REPORT

| No. | Name of Pesticide Formulation | Amount | | Nilai (Rp.) | Name and Address of Formulator | Formulation Time (month) and Production Code Number (batch) | Technical Material Sources | | Details |
|-----|-------------------------------|--------|---|-------------|--------------------------------|---|---|------------------------------|---------|
| | | kg | l | | | | Name and Address of Owner of Technical Material | Name and Address of Supplier | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | |

* Attach the document photocopy as mentioned

Location, Day, Month and Year

Stamp and signature of

B. OWNER OF PESTICIDE PRODUCTION FACILITIES

I. REPORT ON PRODUCTION OF ACTIVE MATERIALS / TECHNICAL MATERIALS

| No. | Name of Pesticide Active Material / Technical Material | Amount | | Nilai (Rp.) | Time to make Active Material / Technical Material (month) and Production Code Number (batch) | Formulation Time (month) and Production Code Number (batch) | Buyer | | Details |
|-----|--|--------|---|-------------|--|---|---|----------------------------|---------|
| | | kg | l | | | | Name and Address of Buyer of Pesticide Active Material / Technical Material | Delivery Date to the Buyer | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | |

* Attach the document photocopy as mentioned

Location, Day, Month and Year

Stamp and signature of

II. FORMULATION PRODUCTION REPORT

| No. | Name of Pesticide Formulation | Amount | | Nilai (Rp.) | Formulation Time (month) and Production Code Number (batch) | Buyer | | Details |
|-----|-------------------------------|--------|---|-------------|---|--|----------------------------|---------|
| | | kg | l | | | Name and Address of Buyer of Pesticide Formulation | Delivery Date to the Buyer | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |

* Attach the document photocopy as mentioned

Location, Day, Month and Year

Stamp and signature of

III. PACKAGING PRODUCTION REPORT (RE-PACKING)

| No. | Name of Pesticide Formulation | Amount | | Nilai (Rp.) | Packaging Time (month) | Buyer | | Details |
|-----|-------------------------------|--------|---|-------------|------------------------|--|----------------------------|---------|
| | | kg | l | | | Name and Address of Buyer of Pesticide (re-pack) | Delivery Date to the Buyer | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |

* Attach the document photocopy as mentioned

Location, Day, Month and Year

Stamp and signature of
Owner of Re-packaging Factory

