



# Agroecology Policies and Legal Management of Pesticides in Viet Nam

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# General information on pesticides in Vietnam

- Pesticides are conditional goods on business so all pesticides that want to be circulated on the market must be registered in the List of pesticides permitted for use;
- Annually, the list of permitted and banned pesticides in Vietnam is issued under the Circular by MARD;
- The list of pesticides in Vietnam:
  - Permitted list: > 400 active ingredients (a.i.) with > 4000 trade names
  - Prohibited list: 31 a.i. (23 insecticides and preservative products a.i., 6 fungicides a.i., 1 rodenticide a.i., 1 herbicide a.i.);
- Pesticides in Vietnam are mostly imported from China, India, Germany, Japan, Korea, Malaysia, USA, Switzerland, Bulgaria and other countries;
- Most of pesticides used in Vietnam are chemical pesticides, high concern for food safety

# Pesticide Institutional framework

## ■ The legal framework:

- ✓ The **Law of plant protection and quarantine (2013)** and 03 guiding Decrees.
- ✓ Three circulars and joint circulars.
- ✓ Annual circulars listing pesticides permitted and banned for use in Vietnam.
- ✓ In addition, there are nearly 800 standards and technical regulations on pesticide quality control, residue analysis, and pesticide field trials.

## Foundations:

- ✓ FAO Guidelines.
- ✓ Harmonization of pesticide management principles among ASEAN countries.
- ✓ International conventions of which Vietnam is a member: The Rotterdam Convention, Stockholm Convention, Basel Convention and Montreal Protocol.
- ✓ Consistent with Vietnamese agricultural production practices.

# Policies supporting agroecological transition

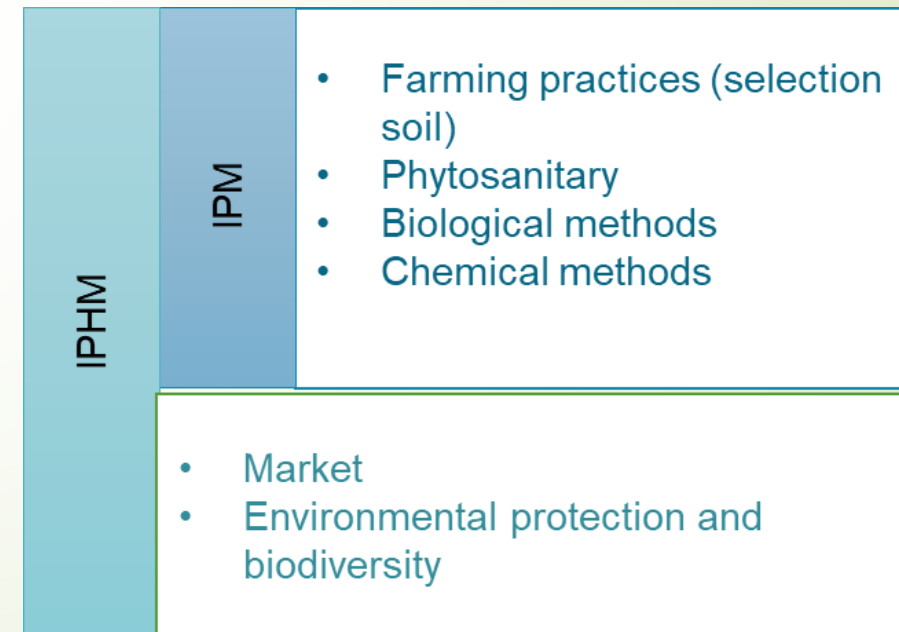
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## ➤ Organic agriculture

- Decree 109/2018/ND-CP on Organic farming
- MARD's Circular on Organic Farming
- Scheme on Development of Organic Farming 2020 – 2030 (Decision 885/QD-TTg (2020))

## • From IPM to IPHM (Integrated Plant Health Management) with FAO

- Plan of Action 2022-2030 promoting IPHM (Sep, 2022): integrated food safety, pest management and control of risks posed by agrochemicals
- Project on Promoting IPHM to 2030 (Dec, 2023): about 20 TOT each province





# Management of agrochemicals

## *Policy objectives .....*

- By 2030:
  - Bio pesticides:
    - Increasing the number of registered biological pesticides: 30%;
    - use of bio pesticides: 30%
  - Organic fertilizers:
    - Organic fertilizers approved for use: 30%
    - Use organic fertilizer products to total fertilizer products: 30%
  - Building models of using organic fertilizers, bio-pesticides on 9 key agricultural crops (rice, coffee, rubber pepper, casava, cashew, tea, fruits, vegetables)
- R&D & Awareness

- Since 2017: Remove pesticides containing Ais highly toxic to human health (Carbufuran, Trichlorfon; Carbendazim, Benomyl, Thiophenate-methyl, Paraquat, 2,4D, Glyphosate ....)
- Current regulation: 31 AIs banned

Project of development organic fertilizer to 2030, vision 2050 (Decision 5190/QD-BNN-BVTV, 7<sup>th</sup> Dec2023)

Project of promoting production and use of bio-pesticides to 2030, visio 2050 (Decision 5415/QD-BNN-BVTV, 8<sup>th</sup> Dec 2023)

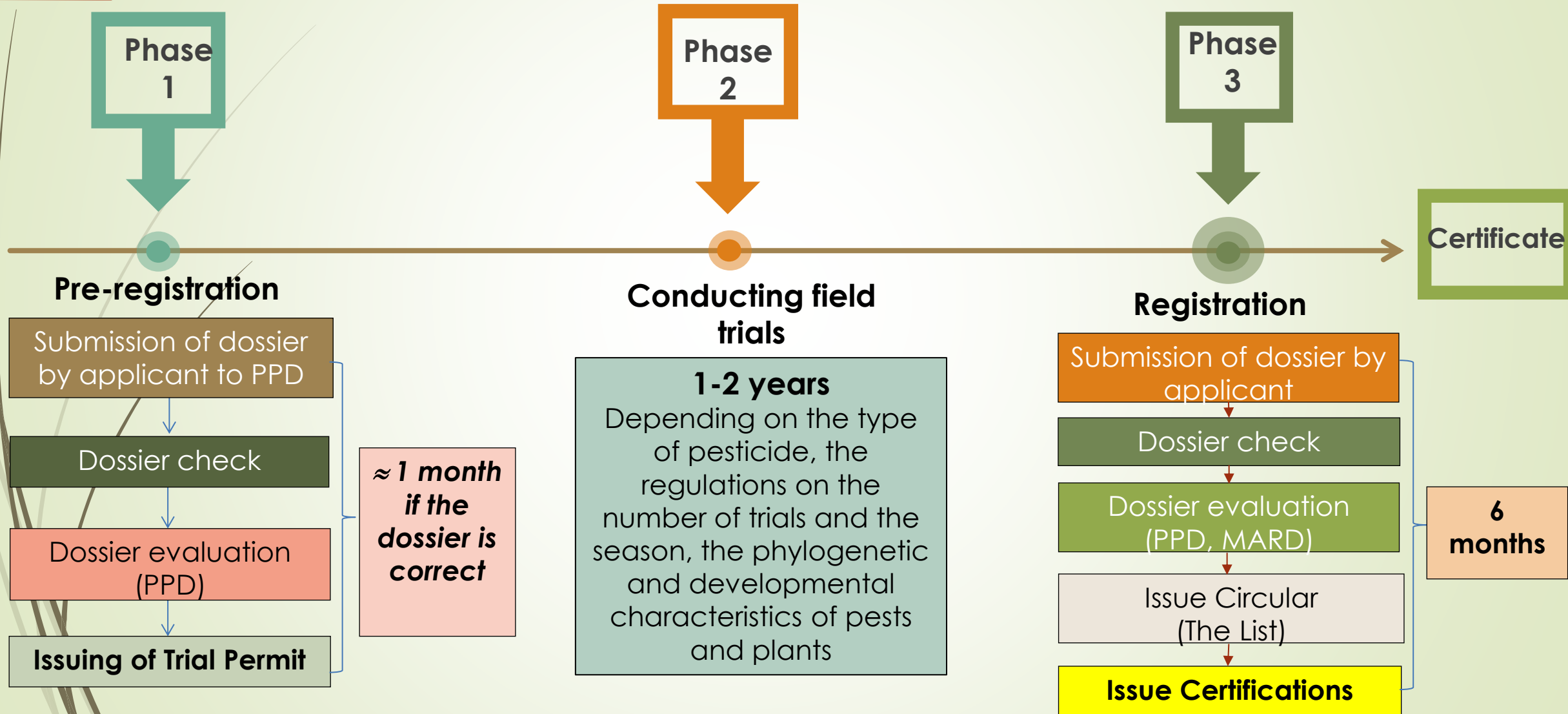
Program on Bio-Technology (Decision 296/QD-BNN-KHCN): underlining promotion of R&D of bio-chemicals

Developing QCVN on quality of pesticides (bio-pesticides included): QCVN 01-188:2018/PTNT



# Process for registration of pesticides in Vietnam

(more appropriated for chemical than bio solution)

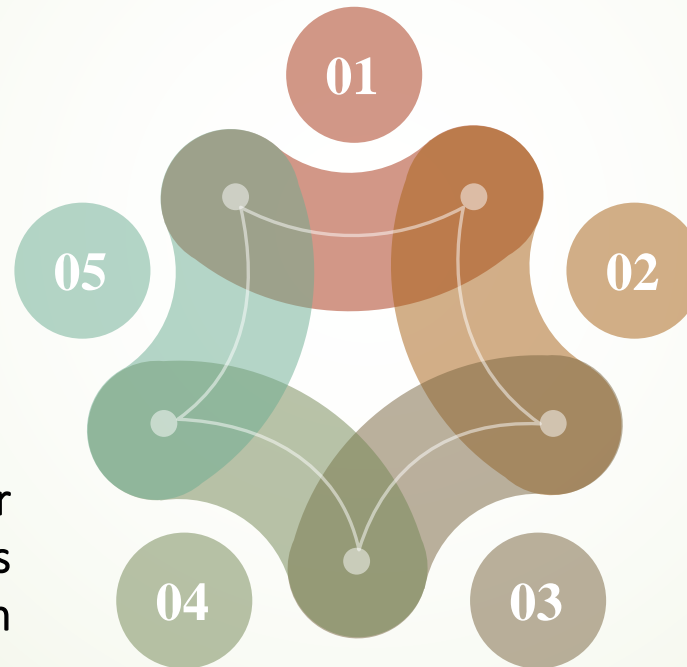


# Pesticides are not allowed to be registered in the pesticides permitted for use list

Included in the list of banned pesticides in Vietnam

Containing methyl bromide

Have the same trade name as other products listed in list of pesticides permitted for use in Vietnam



High risk to human health, animals, ecosystems, and the environment

Formulated pesticides or active ingredients with toxicity class I or II of GHS (except for biopesticides, fumigants and disinfectants, rodenticides; and termiticides)

# **“TA-9930 REG: OLAM International Limited: Inclusive, Sustainable, and Connected Coffee Value Chain (Subproject 3: Viet Nam) (51139-005)”**

- To establish an inclusive, environmentally sustainable and climate resilient coffee supply chain that build capacity of 2000 coffee growers in Lam Dong province, Viet Nam.
- To establish trial and demonstration plots to test and demonstrate appropriate methodologies for rehabilitation, replanting, pruning, composting and soil management and integrated pest management.





# ToT Training on IPM for Coffee Plants in Lam Dong, 2024

- I. Concept of Integrated Pest Management**
- II. Basic principles of Integrated Pest Management**
- III. Key measures of Integrated Pest Management**
- IV. Major pests and Integrated Pest Management**
- V. Practicing Integrated Pest Management in the field**





# Introduction to IPM and other technics in the demo plots

**I. Coffee Insect Pests and Diseases Diagnosis**

**II. Monitoring**

**III. Control measures (IPM based)**





# Pesticide Toxicity and Safety

1. What are Pesticides?
2. Toxicity classes: pesticides hazards & risks
3. How do pesticides exert their function?
4. Selection and safe use of pesticide

