

Session 4: Compliance and enforcement

Code of Conduct

Definitions

5.5.4 maintain quality-assurance procedures to ensure **compliance** with the relevant standards of purity, performance, stability and safety.

6.1.1 introduce the necessary policy and legislation for the regulation of pesticides, ..., and make provisions for its effective coordination and **enforcement**, including the establishment of appropriate educational, advisory, extension and health-care services

Code of Conduct

Article 4: Pesticide testing

Industry should...

- ensure that pesticide is fully tested, evaluated, packaged and labelled

Governments should...

- verify and control the quality of pesticides

Industry and governments should...

- collaborate in post-registration surveillance and fate studies

Exporting countries and international organizations should...

- assist developing countries with training and guidance

Code of Conduct

Article 4: Pesticide testing

Changes

Added: considering **anticipated pesticide uses** (not just current conditions)

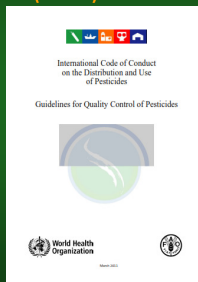
Added: follow **good experimental practices**

Added: Where countries lack testing facilities, **access to laboratories in other countries** should be considered

Added: Laboratories should have **economic and technical sustainability**

Guidelines

Guidelines for quality control of pesticides (2011)

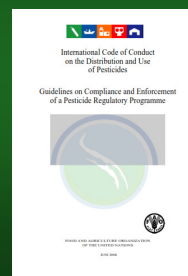


- Legislation, organisational setup, administrative requirements and resources
- Practical considerations for regulatory quality control
- Quality control in international trade
- Non-compliant pesticides
- Regional cooperation
- Education and public awareness
- Funding

Annexes: Flowcharts for handling substandard, counterfeit, banned or illegal products; enforcement actions; typical sampling report, chain-of-custody record; and request for analysis

Guidelines

Guidelines on compliance and enforcement of a pesticide regulatory programme (2006)

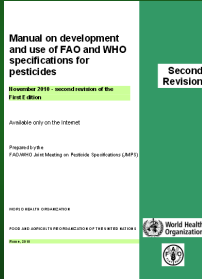


- Core principles of compliance and enforcement
- Designing and building the compliance and enforcement programme
 - Roles and responsibilities
 - Enforceable requirements
 - Priorities
 - Promoting and encouraging compliance
 - Monitoring
 - Responding to violations
 - Programme evaluation

Annexes: Legal tools and instruments; developing enforcement capacity-institutions

Tools

FAO/WHO Manual on development and use of FAO and WHO specifications for pesticides (2010)



- Only available on the internet
- Process, requirements and procedures for developing specifications
- Aims, applicability, and requirements of specification clauses
- Specification guidelines for technical materials
- Specification guidelines for solid and liquid formulations
- Specification guidelines for devices
- Specification guidelines for microbial pesticides

Annexes: Sampling report; Coding; CropLife codes; CIPAC codes; sample letters; calculations

Tools

FAO/WHO Specifications for Pesticides – A training manual



- The JMPS has developed standard procedures for assessment of technical grade and formulated pesticide data, including the determination of equivalence.
- The principles and practice of JMPS procedures are of utility to anyone involved in setting and ensuring standards for pesticide product quality, especially pesticide registration authorities.

Tools

FAO/WHO Specifications for Pesticides – Website

AGP - FAO Specifications - New Procedure

FAO Specifications for Agricultural Pesticides in agriculture

New Specifications List

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Specification	Year
▶ alpha-cypermethrin	2013
▶ azoxystrobin	2009
▶ azadirachtin	2006
▶ azoxifluorin	2005

FAO SPECIFICATIONS AND EVALUATIONS FOR AGRICULTURAL PESTICIDES

ALPHA-CYPERMETHRIN

A racemic mixture of (S)-cyano-3-phenoxybenzyl (1R,2S)-2-(2-dichlorophenyl)-2-dimethylcarbamoyloxypropanoate and (R)-cyano-3-phenoxybenzyl (1S,2R)-2-(2-dichlorophenyl)-2-dimethylcarbamoyloxypropanoate

Tools

FAO/WHO Specifications for Pesticides

The purpose of the published specifications for pesticides is to provide:

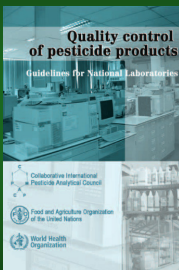
- a normal standard of quality for the buying and selling of pesticides
- assistance in the official approval and acceptance of pesticides
- protection for responsible vendors against inferior products
- a link between biological efficacy and specification requirements
- an international point of reference;

Available lists of specifications

- List of specifications developed under the old procedure (before 1999)
- List of specifications developed under the new procedure
- List of Pesticides evaluated by JMPS and JMPS

Tools

Other documents in support of FAO specifications



- Quality control of Pesticide Products – Guidelines for National Laboratories
- Withdrawal of FAO specifications developed under the old procedure for which the methods for impurities are not included, and specifications are no longer supported by industry (website list of 9 a.i.)
- Status Report of the Development of FAO Specifications (website)

TCP Project on Assisting Countries in Southeast Asia towards Achieving Pesticide Regulatory Harmonization (2009-2010)

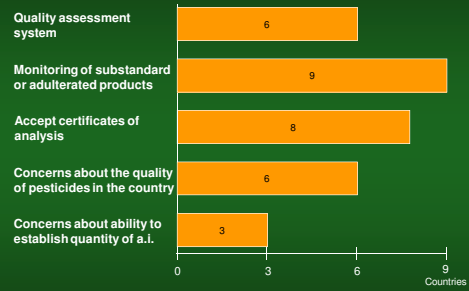
Set of regional recommendations for formulation analysis requirements:

- Need for more infrastructure and laboratory facilities in some countries
- Standardization of sample taking and test procedures
- Monitor flow of substandard pesticides in the region
- Regional cooperation and experience sharing



Summary of Regional Status

Quality assessment



- All countries have quality standards
- About half the countries have sufficient capacity to monitor quality

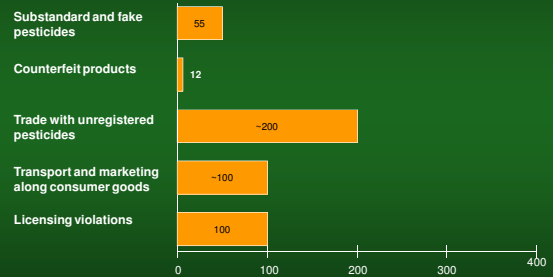
Enforcement procedures against...



- Most countries have enforcement procedures against violations

Enforcement actions against...

(total of 5 responding countries)



- Only two countries had exact information

Illegal trade



- Illegal trade may be a problem in half the countries

Exchanges Discussion

Exchange

- Review Article 4 and discuss how the changes in the 3rd revision affect the quality control of pesticides
- give recommendations for priorities and changes for quality control, compliance and enforcement