





International Code of Conduct on Pesticide Management

Guidelines for the registration of microbial, botanical and semiochemical pest control agents for plant protection and public health uses



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FOREWORD

These guidelines are intended to guide pesticide regulatory authorities in the registration of microbial, botanical, and semiochemical pest control agents for plant protection and public health uses. The guidelines **update and replace** the 1988 FAO publication "*The Registration of Biological Pest Control Agents*".

In developing these revised international guidelines, attention has been given to building on the original 1988 FAO publication and harmonizing with the current state-of-the-art information from other national and international sources such as the US Environmental Protection Agency (US EPA), the Organisation for Economic Co-operation and Development (OECD), and the European Union (EU). In particular, these guidelines were written in parallel with guidance on the registration of biological pesticides published by the OECD and the EU. For this reason, in some instances, these guidelines use the same text in the guidance by these two organizations.

In preparing and approving these guidelines, the members of the FAO/WHO Joint Meeting on Pesticide Management (JMPM) have ensured that the guidance becomes most applicable to stakeholders in low and middle income countries while maintaining a high degree of harmonization with practices in other parts of the world.

Permission to reprint the text has been granted by the OECD and the EU.

A bibliography with all relevant references can be found at the end of these guidelines.

FAO and WHO welcome readers' feedback on the use of these guidelines

The JMPM members have put a lot of effort and consultation in developing this document. They however consider that this is a living document that could be further improved. They particularly value any feedback users of these guidelines may have and would welcome any comment.

Please send comments to <u>pesticide-management@fao.org</u> by indicating the title of the Guidelines and the Chapter/section/page the comments are about.

ABBREVIATIONS

ADI Acceptable daily intake
CFU Colony-forming unit

EGBP Expert group on biopesticides (OECD)

EPPO European and Mediterranean Plant Protection Organization

EU European Union

EC European Commission

FRAC Fungicide resistance action committee

GAP Good agriculture practice
GEP Good Experimental Practice
GLP Good Laboratory Practice

GMO Genetically modified organism
GRAS Generally recognized as safe

HPLC High performance liquid chromatography
HRAC Herbicide resistance action committee

IPM Integrated Pest Management

IPPC International Plant Protection Convention IRAC Insecticide resistance action committee

ISPM International Standards for Phytosanitary Measures

IVM Integrated Vector ManagementMPCA Microbial pest control agentMPCP Microbial pest control product

OECD Organisation for Economic Co-operation and Development

PPE Personal protective equipment

RNA Ribo-nucleic acid
QA Quality assurance
QC Quality control

QPS Qualified presumption of safety

OCAD Quantitativa atrustura activity relationship models

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