



## **REPORT**

**8<sup>TH</sup> FAO/WHO JOINT MEETING ON PESTICIDE MANAGEMENT**

**and**

**10<sup>TH</sup> SESSION OF THE FAO PANEL OF EXPERTS ON PESTICIDE  
MANAGEMENT**

**14–17 October 2014  
Rome**





## Contents

Abbreviations.....	iv
1. Introduction.....	1
2. Opening of the meeting.....	1
3. Election of the chairperson and rapporteurs.....	2
4. Administrative matters.....	2
4.1 Adoption of the agenda.....	2
4.2 Declaration of interest.....	2
4.3 Terms of reference of the JMPM.....	2
5. Developments since the previous session of the JMPM.....	2
5.1 WHO.....	2
5.2 FAO.....	5
6. The revised International Code of Conduct on Pesticide Management.....	8
6.1 Endorsement and publication.....	8
6.2 Promotion.....	8
6.3 Discussion and recommendations.....	9
7. Pesticide registration.....	9
7.1 Development of the registration toolkit.....	9
7.2 Regional experiences in pesticide registration.....	11
7.3 Registration by reference or analogy: the Australian example.....	14
7.4 Implementation of PSMS.....	14
8. Draft guidelines pending finalization.....	15
8.1 Pesticide legislation.....	15
8.2 Pesticide labelling.....	16
9. Highly hazardous pesticides.....	16
9.1 Results and developments in HHP projects.....	16
9.2 SAICM.....	18
9.3 CropLife International approach.....	18
9.4 Rotterdam Convention listing of SHPFs.....	19
9.5 WHO perspectives and engagement.....	20
9.6 HHP case studies.....	20
9.7 Pesticide risk assessment and phasing out of HHPs in Asian countries.....	21
10. Draft guidelines under development.....	21
10.1 Highly hazardous pesticides.....	21
10.2 Microbial pesticides.....	22
10.3 Household pesticides.....	23
10.4 Licensing and inspection of pesticide distributors and retailers.....	23
10.5 Licensing of pest control operators.....	23
10.6 Personal protection when working with pesticides.....	24
10.7 Pesticide storage.....	24
10.8 Annotated list of FAO, WHO and UNEP guidelines.....	24
11. Making JMPM guidelines user-friendly.....	25
12. Emerging and priority issues in pesticide management – alerts and advice to FAO and WHO.....	25
13. Field activities.....	25
13.1 Reports on projects and opportunities for collaboration.....	25
13.2 Pesticide resistance management.....	25

**8<sup>th</sup> FAO/WHO Joint Meeting on Pesticide Management (JMPM)**  
FAO HQ, Rome, Italy – 14–17 October 2014

---

14. Venues and procedures for JMPM meetings.....	25
15. Recommendations.....	26
16. Closure of the meeting.....	30
 Annex 1 – List of participants.....	 31
 Annex 2 – Agenda.....	 37
 Annex 3 – Follow-up action table.....	 40
 Annex 4 – Results and developments in HHP projects presentations not given during the meeting).....	 42
4.1 Summary of case studies on HHPs from 40 countries in 5 regions covering regulatory procedures implemented and criteria applied for reaching regulatory decisions.....	42
4.2 APPPC regional workshop on practical aspects of pesticide risk assessment and phasing out of highly hazardous pesticides.....	45
 Annex 5 – Field activities.....	 46
5.1 FAO field activities in Africa.....	46
5.2 WHO field activities (since JMPM 2013).....	46

## **Abbreviations**

AGPMC	FAO Pesticide Management Group
AIMMS	Agricultural inputs monitoring and management system (PSMS enhancement)
ASEAN	Association of Southeast Asian Nations
CAN	Comunidad Andina de Naciones (Andean Community)
CARICOM	Caribbean Community and the Common Market
CDC	United States Centers for Disease Control and Prevention
CILSS	Comité permanent Inter-Etats de Lutte contre la Sécheresse dans le Sahel
DDT	dichlorodiphenyltrichloroethane (insecticide)
ECOWAS	Economic Community of West African States
EECCA	Eastern Europe, Caucasus and Central Asia
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
GAP	good agricultural practice
GEF	global environment facility
GHS	globally harmonized system of classification and labelling of chemicals
GMP	WHO Global Malaria Programme
HHP	highly hazardous pesticide
ICCM	International Conference on Chemicals Management
ICSC	International Chemical Safety Card
IOMC	Inter-Organization Programme for the Sound Management of Chemicals
IPEN	International POPs Elimination Network
IPM	integrated pest management
IVM	integrated vector management
JMPM	FAO/WHO Joint Meeting on Pesticide Management
JMPR	FAO/WHO Joint Meeting on Pesticide Residues
JMPS	FAO/WHO Joint Meeting on Pesticide Specifications
KemI	Swedish Chemicals Agency
LLIN	long-lasting insecticidal mosquito net
LMIC	low- and middle-income countries
OECD	Organisation for Economic Co-operation and Development
OEWG	Open-Ended Working Group (conference)
PCO	pest control operator
PIC	Prior Informed Consent (Rotterdam Convention)
POP	persistent organic pollutant

**8<sup>th</sup> FAO/WHO Joint Meeting on Pesticide Management (JMPM)**  
FAO HQ, Rome, Italy – 14–17 October 2014

---

PPE	personal protective equipment
PSMS	pesticide stock management system
QSP	quick-start programme (SAICM)
SADC	Southern African Development Community
SAICM	Strategic Approach to International Chemicals Management
SAPReF	Southern African Pesticide Registrars Forum
TCP	FAO Technical Cooperation Programme
UEMOA	Union Economique et Monétaire de Ouest Africaine
UN	United Nations
UNEP	United Nations Environment Programme
WHO	World Health Organization
WHOPES	WHO Pesticide Evaluation Scheme

## **1. Introduction**

The 8<sup>th</sup> FAO/WHO Joint Meeting on Pesticide Management (JMPM) and the 10<sup>th</sup> Session of the FAO Panel of Experts on Pesticide Management were held at the headquarters of the Food and Agriculture Organization of the United Nations (FAO) in Rome, Italy from 14 to 17 October 2014. The JMPM was established in 2007 following the signature of a Memorandum of Understanding between FAO and the World Health Organization (WHO) on cooperation in a joint programme for the sound management of pesticides. Since its inception, the JMPM has consisted of members drawn from the FAO Panel of Experts on Pesticide Management and the WHO Panel of Experts on Vector Biology and Control. The JMPM held its first session in 2007. The JMPM advises FAO and WHO on matters pertaining to pesticide regulation and management, alerting them to new developments, problems or issues that merit attention; in particular, on the implementation of the FAO/WHO International Code of Conduct on Pesticide Management.

Panel members invited to the JMPM are selected for their personal expertise and experience in specific aspects of pesticide management, both in agriculture and/or public health. They do not represent the position of governments or institutions they may belong to, but are appointed to the respective Panels in their personal capacity by either FAO or WHO. All Panel members are asked to declare any interests they may have, which could affect their opinion or advice. In addition to Panel members, representatives from intergovernmental organizations, pesticide industry associations and nongovernmental organizations, which by their nature have interests, attend the open sessions of the meeting as observers. The latter may be invited to contribute to the discussions, but it is primarily the views of the Panel members that are taken into consideration.

On behalf of FAO and as joint secretariat of the JMPM, Mr Mark Davis, Senior Officer, FAO Pesticide Management Group (AGPMC), welcomed the WHO and FAO JMPM Panel members, the WHO Secretariat, participants from the FAO regional offices and observers to the 8<sup>th</sup> Session of the FAO/WHO JMPM at FAO headquarters in Rome. Mr Rajpal Yadav, Scientist-in-Charge, WHO Pesticide Evaluation Scheme (WHOPES), WHO Department of Control of Neglected Tropical Diseases, welcomed the Panel members, participants and observers to the meeting on behalf of WHO. The participants were invited to introduce themselves (see List of participants provided in Annex 1). Panel members Mr Eric Liégeois, Mr Somchai Preechathaveekid and Mr Malverne Spencer were unable to attend the meeting.

Mr Davis invited Mr Clayton Campanhola, Director of FAO's Plant Production and Protection Division, AGPM, to give the opening address.

## **2. Opening of the meeting**

Mr Campanhola welcomed the members of the FAO and WHO Panels, observers, WHO colleagues, FAO regional staff and representatives of the private sector and civil society, to the 8<sup>th</sup> FAO/WHO JMPM. Mr Campanhola thanked the group for its willingness to continue contributing its experience, expertise and ideas to the improvement of pesticide management worldwide. He highlighted the importance of the group's work by noting that the world "has woken up" to the importance of sustainable agriculture, understanding that it will be essential

to the preservation of the environment and the production of safe and nutritious food in the future.

Mr Campanhola explained that FAO is working to help countries adopt sustainable practices in crop and livestock production and fisheries, and that the Pesticide Management Team is helping countries to address their needs and to formulate and implement projects. The team is currently implementing 38 projects in more than 60 countries, in support of integrated pest management (IPM) farmer field schools, pesticide legislation and registration, obsolete pesticide disposal and environmental monitoring of pesticides. Mr Campanhola explained that FAO is developing new tools and piloting new methods to help pesticide regulators make informed decisions about which products to allow and which techniques to use. He emphasized that the JMPM's expertise and guidance are needed to steer the FAO's work in the most appropriate directions. Mr Campanhola noted that the group had a busy few days ahead, and stressed again that its guidance would be highly appreciated.

### **3. Election of the chairperson and rapporteurs**

Ms Kimberly Nesci was elected Chairperson and Ms Andrea Rother Vice Chairperson of the meeting. Mr David Kapindula and Ms Irma Makalinao were appointed Rapporteurs.

### **4. Administrative matters**

#### **4.1 Adoption of the agenda**

A number of minor amendments were made to the agenda for the purpose of timekeeping. In particular, two presentations of work on highly hazardous pesticides (agenda item 9) and two presentations of field activities (agenda item 13) were not given orally, but summaries are provided in Annexes 4 and 5, respectively. The final agenda is in Annex 2.

#### **4.2 Declaration of interest**

FAO and WHO had received Declarations of Interest from all the Panel members participating in the 8<sup>th</sup> Session of the JMPM. The Secretariat of the JMPM had reviewed these and concluded that no circumstances were disclosed that could give rise to a potential or reasonably perceived conflict of interest related to the subjects discussed in the JMPM.

**预览已结束，完整报告链接和二维码如下：**

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_27644](https://www.yunbaogao.cn/report/index/report?reportId=5_27644)

