

REPORT

12th FAO/WHO joint meeting on pesticide management

19–22 November 2019

Geneva, Switzerland



World Health
Organization



Food and Agriculture
Organization of the
United Nations

REPORT

12th FAO/WHO joint meeting on pesticide management

**19–22 November 2019
Geneva, Switzerland**

World Health Organization
Food and Agriculture Organization of the United Nations
Geneva, 2020

Report of the 12th FAO/WHO joint meeting on pesticide management: 19-22 November 2019, Geneva, Switzerland

ISBN (WHO) 978-92-4-001151-9 (electronic version)

ISBN (WHO) 978-92-4-001152-6 (print version)

ISBN (FAO) 978-92-5-132929-0

This publication was originally published under WHO reference number WHO/UCN/NTD/VVE/2020.01

© **World Health Organization and Food and Agriculture Organization of the United Nations, 2020**

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo/>).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that the World Health Organization (WHO) or the Food and Agriculture Organization of the United Nations (FAO) endorse any specific organization, products or services. The use of the WHO or FAO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO) or the Food and Agriculture Organization of the United Nations (FAO). WHO and FAO are not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization
<http://www.wipo.int/amc/en/mediation/rules>.

Suggested citation. Report of the 12th FAO/WHO joint meeting on pesticide management: 19–22 November 2019, Geneva, Switzerland. Geneva: World Health Organization and Food and Agriculture Organization of the United Nations; 2020. Licence: [CC BY-NC-SA 3.0 IGO](https://creativecommons.org/licenses/by-nc-sa/3.0/igo/).

Cataloguing-in-Publication (CIP) data. CIP data are available at <http://apps.who.int/iris>.

Sales, rights and licensing. To purchase WHO publications, see <http://apps.who.int/bookorders>. To submit requests for commercial use and queries on rights and licensing, see <http://www.who.int/about/licensing>.

Third-party materials. If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

WHO Photographs. WHO photographs are copyrighted and are not to be reproduced in any medium without obtaining prior written permission. Requests for permission to reproduce WHO photographs should be addressed to: http://www.who.int/about/licensing/copyright_form/en/

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO or FAO concerning the legal or development status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products, whether or not these have been patented, does not imply that they are endorsed or recommended by WHO or FAO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO and FAO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO and FAO be liable for damages arising from its use.

Contents

1.	Introduction	1
2.	Opening of the meeting	1
3.	Appointment of chairperson and rapporteurs and adoption of the agenda.....	2
4.	Meeting procedure.....	2
5.	Developments and actions since the previous session of the jmpm.....	3
6.	Review of new guidelines	3
6.1.	Guidelines on management of household pesticides	3
6.2.	Guidelines for inspection of pesticide producers, importers, distributors and retailers	4
6.3.	Guidelines on pesticide licensing	4
7.	Revision of existing guidelines	5
7.1.	Guidelines on monitoring implementation of the code of conduct	5
7.2.	Guidelines on good practice in labelling pesticides	6
7.3.	Guidelines on data requirements for the registration of pesticides.....	7
7.4.	Guidelines on good practice for aerial application of pesticides.....	8
8.	Proposed new guidelines	8
8.1.	Proposed guidelines for reducing risks during phasing-out of pesticides	8
8.2.	Proposed guidelines for prevention of suicide with pesticides.....	9
9.	Review of guidelines with the new fao template.....	9
10.	Preliminary discussion of the report on the environmental and health impacts of pesticides and fertilizers and ways to minimize them (request from the united nations environment assembly at its third session, in december 2017)	10
11.	The global action plan and dialogue on highly hazardous pesticides	11
11.1.	The global action plan	11
11.2.	The global dialogue	11
12.	Revision of the jmpm terms of reference	12
13.	Update on oecd activities on illegal trade in pesticides.....	12
14.	Addressing issues raised in the reports of the united nations special rapporteurs on the right to food and on toxics.....	13
15.	Review of conclusions and recommendations from the 2018 fao/who global survey on pesticide management	13
16.	Review of actions and recommendations from the 11th meeting of the jmpm.....	14
17.	Other issues	15
18.	Second consultative meeting on the unep report on the environmental and health impacts of pesticides and fertilizers and ways to minimize them	15
19.	Recommendations	16
Annex 1.	List of participants.....	19
Annex 2.	Final agenda adopted by the jmpm.....	25
Annex 3.	Developments and actions since the previous session of the jmpm.....	29

1. Introduction

The 12th FAO/WHO joint meeting on pesticide management (JMPM), hosted by WHO, was held at the Hotel Warwick in Geneva, Switzerland, from 19 to 22 November 2019.¹ The agenda comprised updates on the activities of the joint Secretariat and participating organizations; a review of progress in developing new JMPM guidelines; plans for revision of existing guidelines; plans for revision of the JMPM terms of reference; discussions on emerging issues and priorities in pesticide management, including an overview of global actions on highly hazardous pesticides (HHPs), input to a report by the United Nations Environment Programme (UNEP) on the environmental and health impacts of pesticides and fertilizers, an update on activities of the Organization for Economic Co-operation and Development (OECD) on illegal trade in pesticides; a review of the conclusions and recommendations of the 2018 FAO/WHO global survey of pesticide management; and consideration of other issues. The recommendations of the JMPM are summarized in [section 19](#).

2. Opening of the meeting

The opening session was coordinated by Mr Rajpal Yadav, Scientist, Vector Ecology and Management unit, department of Control of Neglected Tropical Diseases. On behalf of WHO as joint Secretariat of the JMPM, Mr Yadav welcomed the WHO and FAO panel members, members of the WHO and FAO Secretariat and other meeting participants and observers. He also welcomed a new WHO panel member, Ms Nguyen, Thi Lien Huong, Director-General, Health Environment Management Agency, Ministry of Health, Viet Nam.

Mr Raman Velayudhan, Coordinator, Vector Ecology and Management unit, also welcomed participants and observers and expressed his appreciation for their work.

Mr Bao Gen Gu, Senior Agricultural Officer for Pest and Pesticide Management, FAO Plant Production and Protection Division, Rome, welcomed all present on behalf of FAO and introduced two new FAO panel members: Mr Sylvain Nafiba Ouedraogo, Permanent Secretary, Sahelian Pesticides Committee, and Mr Sherif Mohamed Taha, Central Laboratory of Residue Analysis of Pesticides and Heavy Metals in Food. Mr Gu communicated the regrets of two FAO panel members who were unable to attend the meeting: Mr Lance Wormell of the US Environmental Protection Agency Office of Pesticide Programs and

¹ The JMPM was created in 2007 to advise FAO and WHO on implementation of the FAO/WHO International Code of Conduct on Pesticide Management (the Code of Conduct) and on new developments, problems or issues in pesticide regulation and management that deserved attention. JMPM members are drawn from the FAO Panel of Experts on Pesticide Management and the WHO Panel of Experts on Vector Biology and Control. Representatives of other international organizations such as the United Nations Environment Programme (UNEP), the Organization for Economic Co-operation and Development (OECD), pesticide and biopesticide producers' associations and selected nongovernmental organizations involved in pesticide risk reduction are invited to participate in meetings as observers. Secretariat support is provided jointly by FAO and WHO. The annual meetings of the JMPM are organized by FAO and WHO in turn.

Mr Tao Chuanjiang of the Chinese Ministry of Agriculture Institute for the Control of Agrochemicals. The list of participants is attached as [Annex 1](#).

Ms Mwelecele Malecela, Director, WHO department of Control of Neglected Tropical Diseases, opened the meeting and also welcomed the participants. She expressed her appreciation for the work of the JMPM and recalled that its meetings resulted from a 2007 memorandum of understanding between WHO and FAO for a collaborative programme in pesticide management with a view to ensuring effective use of pesticides in both agricultural pest control and vector control and reducing human and environmental risks due to such use. She urged the group to ensure that the efficacy of pesticides was preserved by sound management, as they are one of the key tools for vector-borne disease control. She noted that WHO and FAO are promoting sound pesticide management within the International Code of Conduct on Pesticide Management and expressed her appreciation for the excellent advice provided by the JMPM to both WHO and FAO and for its contribution to developing and revising guidelines on pesticide management at different stages of their life-cycle, which are valuable to Member States. Ms Malecela expressed the hope that the recently completed WHO–FAO global survey on pesticide registration and management practices would assist the JMPM in identifying priorities. In recognition of the important role played by UNEP in reducing the risk posed by pesticides, she looked forward to it joining the FAO-WHO collaborative programme on pesticides formally in the near future.

3. Appointment of chairperson and rapporteurs and adoption of the agenda

Ms Andrea Rother, University of Cape Town, South Africa, was appointed Chair of the meeting and Mr Donald Ward, Ministry for Primary Industries, Wellington, New Zealand, as Co-Chair. Ms Lilian Tornqvist, Swedish Chemicals Agency, and Mr Michael Eddleston, University of Edinburgh, were appointed rapporteurs.

The provisional agenda was adopted and is reproduced in [Annex 2](#). Adjustments were made during the meeting to facilitate timing.

4. Meeting procedure

Mr Yadav informed the participants about logistics and working procedures. He and Mr Gu had received and reviewed declarations of interest from all panel members participating in the 12th session and had concluded that they disclosed no circumstances that could give rise to a potential or reasonably perceived conflict of interest with regard the subjects to be discussed at the meeting.

5. Developments and actions since the previous session of the JMPM

Representatives of WHO, FAO, UNEP, the Pesticide Action Network (PAN), the International Pollutants Elimination Network (IPEN), CropLife International (CLI) and the International Biocontrol Manufacturers Association (IBMA) reported on their activities since the JMPM in 2018. The reports are summarized in [Annex 3](#).

In the discussion that followed the presentations, the JMPM:

- supported inclusion of UNEP in the joint Secretariat of the JMPM, which should increase the JMPM's engagement with environmental assessment and risk management;
- recommended that an agenda item be included for the next JMPM in which panel members would make presentations on pesticide management activities in their countries and collaboration in their regions;
- recommended that JMPMs include sharing of information on successful steps taken in countries to limit adverse effects of pesticide use;
- recommended that FAO and WHO undertake further work to improve access to and the capacity of under-resourced countries to conduct laboratory analyses of the quality of pesticide and of residues;
- recommended that UNEP be invited to present an update on its African Chemical Observatories capacity-building project at the next JMPM;
- recommended that consideration be given to including the work of Chemical Observatories in relevant JMPM guidelines;
- recommended that the Pesticide Registration Toolkit be updated to include data requirements and guidance on testing and evaluating biopesticides, to be prepared by a small group of experts convened by the Secretariat (the author of the Toolkit); and
- recommended that WHO and FAO, with stakeholders, organize a global workshop on legislation and registration of biopesticides.

6. Review of new guidelines

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_24730

