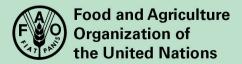
Pesticide residues in food — 2011

Joint FAO/WHO Meeting on Pesticide Residues

EVALUATIONS 2011

Part II — Toxicological





Pesticide residues in food — 2011

Toxicological evaluations

Sponsored jointly by FAO and WHO

Joint Meeting of the FAO Panel of Experts on Pesticide Residues in Food and the Environment and the WHO Core Assessment Group on Pesticide Residues

Geneva, Switzerland, 20-29 September 2011

The summaries and evaluations contained in this book are, in most cases, based on unpublished proprietary data submitted for the purpose of the JMPR assessment. A registration authority should not grant a registration on the basis of an evaluation unless it has first received authorization for such use from the owner who submitted the data for JMPR review or has received the data on which the summaries are based, either from the owner of the data or from a second party that has obtained permission from the owner of the data for this purpose.





WHO Library Cataloguing-in-Publication Data

Pesticide residues in food - 2011: toxicological evaluations / Joint Meeting of the FAO Panel of Experts on Pesticide Residues in Food and the Environment and the WHO Core Assessment Group on Pesticide Residues, Geneva, Switzerland, 20–29 September 2011.

1.Pesticide residues - toxicity. 2.No-observed-adverse-effect level. 3.Food contamination. I.FAO Panel of Experts on Pesticide Residues in Food and the Environment. II.WHO Core Assessment Group on Pesticide Residues. III.Title: Pesticide residues in food 2011: evaluations. Part 2, Toxicological.

ISBN 978 92 4 166527 8

(NLM classification: WA 240)

© World Health Organization 2012

All rights reserved. Publications of the World Health Organization are available on the WHO web site (www. who.int) or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int). Requests for permission to reproduce or translate WHO publications—whether for sale or for non-commercial distribution—should be addressed to WHO Press through the WHO web site (www.who.int/about/licensing/copyright_form/en/index.html).

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 the World Health Organization concerning the legal 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 does not imply that they are endorsed or recommended by the World Health Organization 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 the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either express or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

This publication contains the collective views of an international group of experts and does not necessarily represent the decisions or the policies of the World Health Organization.

Typeset in India

TABLE OF CONTENTS

	Page
List of participants	V
Abbreviations used	
Introduction	xv
Toxicological monographs and monograph addenda	1
Acetamiprid*	
Dichlorvos**	93
Dicofol**	
Emamectin benzoate*	211
Etofenprox**	253
Flutriafol*	
Glyphosate	373
Isopyrazam*	
Penthiopyrad*	
Propylene oxide*	
Saflufenacil*	
Sulfoxaflor*	
Annex 1. Reports and other documents resulting from previous Joint Meetings of the FAO Panel of Experts on Pesticide Residues in Food and the	

Environment and the WHO Core Assessment Group on Pesticide Residues.. 769

First full evaluation

^{**} Evaluated within the periodic review programme of the Codex Committee on Pesticide Residues

2011 Joint Meeting of the FAO Panel of Experts on Pesticide Residues in Food and the Environment and the WHO Core Assessment Group on Pesticide Residues

Geneva, 20-29 September 2011

LIST OF PARTICIPANTS

FAO Panel of Experts on Pesticide Residues in Food and the Environment

Dr Ursula Banasiak, Federal Institute for Risk Assessment, Berlin, Germany

Professor Eloisa Dutra Caldas, Pharmaceutical Sciences Department, College of Health Sciences, University of Brasilia, Brasília/DF, Brazil (FAO Rapporteur)

Mr David Lunn, Principal Advisor (Plants and Residues), Assurances and Standards Group, New Zealand Food Safety Authority, Wellington, New Zealand

Dr Dugald MacLachlan, Residues and Food Safety, Food Division, Biosecurity Services Group, Australian Government Department of Agriculture, Fisheries and Forestry, Canberra, ACT, Australia (*FAO Chairman*)

Dr Yukiko Yamada, Deputy Director-General, Food Safety and Consumer Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries, Tokyo, Japan

WHO Core Assessment Group on Pesticide Residues

Professor Alan R. Boobis, Centre for Pharmacology and Therapeutics, Division of Experimental Medicine, Department of Medicine, Faculty of Medicine, Imperial College London, London, England (*WHO Chairman*)

Dr Vicki L. Dellarco, Office of Pesticide Programs, Environmental Protection Agency, Washington, DC, USA (*WHO Rapporteur*)

Dr Douglas B. McGregor, Toxicity Evaluation Consultants, Aberdour, Scotland

Professor Angelo Moretto, Department of Environmental and Occupational Health, University of Milan, International Centre for Pesticides and Health Risk Prevention, Luigi Sacco Hospital, Milan, Italy

Dr Roland Solecki, Chemical Safety Division, Steering of Procedures and Overall Assessment, Federal Institute for Risk Assessment, Berlin, Germany

Dr Maria Tasheva, Associate Professor Toxicologist, Sofia, Bulgaria

Secretariat

Ms Catherine Adcock, Health Evaluation Directorate, Pest Management Regulatory Agency, Ottawa, Ontario, Canada (*WHO Temporary Adviser*)

Professor Árpád Ambrus, Hungarian Food Safety Office, Budapest, Hungary (FAO Temporary Adviser)

Mr Kevin Bodnaruk, West Pymble, NSW, Australia (FAO Editor)

Ms Gracia Brisco, Food and Agriculture Organization of the United Nations, Rome, Italy (*Codex Secretariat*)

Dr Ian Dewhurst, Chemicals Regulation Directorate, York, England (WHO Temporary Adviser)

Dr William Donovan, Environmental Protection Agency, Washington, DC, USA (FAO Temporary Adviser)

Dr Yibing He, Department of Science and Education, Ministry of Agriculture, Beijing, China (FAO Temporary Adviser)

Mr Makoto Irie, Plant Product Safety Division, Food Safety and Consumer Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries, Tokyo, Japan (*FAO Temporary Adviser*)

Dr Debabrata Kanungo, Chairman, Scientific Panel on Residues of Pesticides and Antibiotics, Food Safety and Standards Authority of India, Faridabad, India (*WHO Temporary Adviser*)

Dr Matthew O'Mullane, Food Standards Australia New Zealand, Canberra, ACT, Australia (WHO Temporary Adviser)

Dr Rudolf Pfeil, Toxicology of Pesticides and Biocides, Federal Institute for Risk Assessment, Berlin, Germany (*WHO Temporary Adviser*)

Dr Xiongwu Qiao, Shanxi Academy of Agricultural Sciences, Shanxi, China (FAO Temporary Adviser)

Ms Jeannie Richards, Saint Remy, France (FAO Temporary Advisor)

Dr Prakashchandra V. Shah, Inert Ingredient Assessment Branch, Registration Division, Office of Pesticide Programs, Environmental Protection Agency, Washington, DC, USA (WHO Temporary Adviser)

Dr Weili Shan, Residues Division, Institute for Control of Agrochemicals, Ministry of Agriculture, Beijing, China (FAO Temporary Adviser)

Ms Marla Sheffer, Orleans, Ontario, Canada (WHO Editor)

Dr Angelika Tritscher, Department of Food Safety and Zoonoses, World Health Organization, Geneva, Switzerland (*WHO Joint Secretariat*)

Ms Trijntje van der Velde, National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands (*FAO Temporary Adviser*)

Dr Philippe Verger, Department of Food Safety and Zoonoses, World Health Organization, Geneva, Switzerland (*WHO Joint Secretariat*)

Dr Gerrit Wolterink, Centre for Substances & Integrated Risk Assessment, National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands (*WHO Temporary Adviser*)

Ms Yong Zhen Yang, Plant Protection Service, Food and Agriculture Organization of the United Nations, Rome, Italy (FAO Joint Secretary)

Dr Midori Yoshida, Section Chief, Division of Pathology, Biological Safety Research Center, National Institute of Health Sciences, Ministry of Health, Labour and Welfare, Tokyo, Japan (WHO Temporary Adviser)

Dr Jürg Zarn, Nutritional and Toxicological Risks Section, Swiss Federal Office of Public Health, Zurich, Switzerland (WHO Temporary Adviser)

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 28384

