

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda Item 4(a)

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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

49th Session

Beijing, P.R. China, 24-29 April 2017

MATTERS OF INTEREST ARISING FROM FAO AND WHO IN ADDITION TO THE 2016 JMPR ACTIVITIES

(Prepared by FAO and WHO)

Progress in the coordination of the agendas between JECFA and JMPR

1. JMPR¹ evaluates residues of pesticides in food, whereas JECFA² (veterinary drug) evaluates residues of veterinary drugs in food. The JMPR Secretariat would like to inform the CCPR³ about recent improvements and ongoing actions:
 - The JECFA and JMPR Secretariats established an expert working group to elaborate and to propose realistic model (s) to assess the dietary exposure to compounds used both as pesticides and veterinary drugs and benefiting of Codex MRLs⁴ for both uses. A physical meeting of the experts will be held in October 2017 to finalize the report to be presented to CCPR50 (2018) and to CCRVDF24⁵ (2018).
 - Regarding compounds recently evaluated or prioritized to be evaluated soon by JECFA and JMPR (e.g. flumethrin, ethion and lufenuron), WHO is encouraging the submission of a single toxicological dossier in order to decrease the burden of work both for the sponsors and for the Secretariats and to facilitate the communication about the MRL setting process. However such an approach should be decided on a case-by-case basis and after discussion between the sponsors and the WHO Secretariat.

Call for pesticide monitoring plans

2. JMPR is evaluating compounds and proposing MRLs based on dietary exposure models supported by supervised field trials. These models assume the presence of residues in all food commodities in which they are authorized. In order to evaluate the accuracy and the conservatism of these models, the FAO/WHO Scientific Advice initiated in 2017 the collection of pesticide monitoring plans. These data should be used in particular to support the ongoing review of the IESTI⁶ equation (acute risk) and the model to assess compounds used as pesticide and veterinary drug (chronic risk). Codex Member States are encouraged to submit monitoring data according to the call: <http://www.who.int/entity/foodsafety/CFD-ScientificAdvice-2017.pdf>

¹ Joint FAO/WHO Meetings on Pesticide Residues

² Joint FAO/WHO Committee on Food Additives (also responsible for the safety assessment of contaminants and residue of veterinary drugs)

³ Codex Committee on Pesticide Residues

⁴ Maximum residue limits for pesticides

⁵ Codex Committee on Residues of Veterinary Drugs in Food

⁶ International Estimate of Short-Term Intake