

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda Item 4(a)

CX/PR 18/51/3

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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

51st Session

Macao SAR, P.R. China, 8-13 April 2019

MATTERS OF INTEREST ARISING FROM FAO AND WHO IN ADDITION TO THE 2018 JMPR ACTIVITIES

(Prepared by FAO and WHO)

FOR INFORMATION

FAO/WHO/OECD workshop on the harmonization of residues definition

1. As part of the efforts to improve the international harmonization of methods, a joint FAO/WHO/OECD workshop was held in Geneva on 3-7 December 2018. At the workshop, the experts further discussed the way forward and concluded that for the residue definition (RD) for risk assessment, a number of points remained open for discussion which would require case studies to better inform the positions e.g.: 1) selection of metabolites to include in the RD, 2) definition of toxicological burden, and 3) the need for different strategies between the European Food Safety Agency (EFSA) and other organisations due to differences in available data at the time of evaluation.
2. This section should be read in conjunction with Agenda Item 3 (CX/PR 19/51/3-Add.1).

Acute probabilistic dietary exposure assessment for pesticide

3. FAO/WHO Scientific Advice collected pesticide monitoring plans and individual food consumption data in order to perform a probabilistic assessment of the acute exposure for 47 pesticides having an acute reference dose. Data were submitted by Brazil, Canada, European Union (EU) and the United States of America (USA). A scientific Committee was established to ensure the quality and the transparency of the assessment to be done by an independent consultant. Results are provided to the 51st Session of the Codex Committee on Pesticide Residues (CCPR51) in a separated document to support the ongoing review of the international estimated short-term intake (IESTI) equation.
4. This section should be read in conjunction with Agenda Item 9 (CX/PR 19/51/14).

Use of antimicrobials in plant agriculture

5. A FAO/WHO Joint Expert Meeting on Microbial Risk Assessment (JEMRA) was held, in collaboration with The World Organization for Animal Health (OIE), on the topic of Foodborne Antimicrobial Resistance: Role of the Environment, Crops and Biocides, Rome, Italy, 11-15 June 2018. Experts noted the potential role of the use of antimicrobials and copper in plant production in contributing to antimicrobial resistance and environmental contamination, as well as the lack of available data for risk assessment. A report was produced, and a follow-up study was launched to collect pilot data on antimicrobial use data in plant agriculture in several low and middle income countries. Outcomes of that study are expected before the end of 2019.
6. This section should be read in conjunction with Agenda Item 2 (CX/PR 19/51/2).