Food and Agriculture Organization of the United Nations

World Health Organization

JOINT FAO/WHO Meeting on Pesticide Residues
2016 regular meeting

Rome, 13-22 September 2016

LIST OF SUBSTANCES SCHEDULED FOR EVALUATION AND REQUEST FOR DATA

Issued October 2015

Attached is the list of substances (Annex 1) scheduled for evaluation or re-evaluation at the 2016 regular meeting of the Joint FAO/WHO Meeting on Pesticide Residues (JMPR). This list has been prepared by the Joint FAO/WHO Secretariat of the Meeting and is based on recommendations of the Codex Committee on Pesticide Residues (CCPR), previous Expert Meetings, and direct requests from governments, other interested organizations, and producers of substances that have been evaluated previously.

Submission of data

Annex 1 lists the pesticides to be considered at the meeting. Governments, interested organizations, producers of these chemicals, and individuals are invited to submit data for the toxicological and the residues evaluations of the compounds listed.

The submitted data may be published or unpublished and should contain detailed reports of laboratory studies, including individual animal data. Reference to relevant published studies should also be provided, where applicable.

In addition to original data mentioned above, the submission of existing regulatory dossiers as well as summaries in the form of monographs is helpful and is therefore strongly recommended

Unpublished confidential studies that are submitted will be safeguarded and will be used only for evaluation purposes by JMPR. Summaries of the studies will be published by FAO and WHO after the meetings in the form of residue and toxicological monographs.

The secretariats of JMPR at FAO and WHO encourage electronic submissions.

I. Toxicological Evaluation:

The submission of data on those compounds listed in Annex 1 for **toxicological evaluation** is requested before

1st of December 2015

Toxicological data

Data relevant to the toxicological evaluations of the substances on the agenda include the results of studies on:

1. Biochemical data: metabolism and pharmacokinetic studies, effects on enzymes and other biochemical parameters;
2. Toxicological studies: acute toxicity, short-term toxicity, long-term toxicity/carcinogenicity; genotoxicity; reproductive studies;
3. Epidemiological, occupational health and other such observational studies of the potential health effects of human exposures
4. Special studies designed to investigate specific effects of the compound, such as neurotoxicity, immune responses, mechanism of toxicity, or macromolecular binding.
5. Data, studies or reasoned argument to determine the toxicological relevance of pesticide metabolites and degradates: *This should include within the toxicological dossier a summary table for the occurrence of parent compounds, metabolites and degradates in various crops and animals.* Where metabolites may be formed by alternate pathways in test species, evidence should be provided for the extent of exposure to intermediate metabolite(s), if these could be toxicologically relevant.
6. **Data from new molecular, cell and computer-based approaches:** There has been great interest in the development of new mechanistic-based approaches. It is the opinion of JMPR that scientific developments and understanding are not sufficient at this time to enable the replacement of in vivo testing with in vitro methods to predict hazards and potency for systemic toxicities. However, new approaches can be used to complement traditional testing. In addition, JMPR offers to evaluate without prejudice, in parallel, any data generated using emerging methods that in the view of sponsors could substitute for information obtained using conventional testing methods (see Report of 2012 and 2013 JMPR).

NOTE: for compounds scheduled for evaluation of acute toxicity only, not the full data package is required. Data submission should focus on all data relevant to determine the potential for acute toxicity. This includes mainly acute and short-term toxicity studies, but also special studies such as neurotoxicity if relevant, or studies on the mechanism of action.

All data should be sent to:

Food Safety and Zoonoses
Attention: Dr Philippe Verger
World Health Organization
Avenue Appia
1211 Geneva 27
Switzerland
Facsimile: (+41) (0)22 791 4807
Telephone: (+41) (0)22 791 3053
E-mail: vergerp@who.int

If the data are voluminous, please contact Dr Verger in advance of the submission of data.

II. Residue Evaluation:

Data for **residue evaluation** listed in Annex 1 are requested before

20 December 2015

The submission of data directory is requested before

31 October 2015

For details on data submission please refer to the **FAO Manual on the Submission and Evaluation of Pesticide Residues Data** published at the FAO website:
http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/JMPR/FAO_manual2nded_Oct07.pdf

All data, both the hard copy and an electronic version, should be sent directly to the FAO Panel Member assigned to review the compound and only an electronic copy to FAO.

Attention: Ms. Yong Zhen Yang
Food and Agriculture Organization
Viale delle Terme di Caracalla
00100 Rome
Italy
Facsimile: (+39) 06 570 56347
Telephone: (+39) 06 570 54246
E-mail: YongZhen.Yang@fao.org

This call for data is available at both the FAO and WHO web sites:

http://www.fao.org/agriculture/crops/thematic-sitemap/theme/pests/jmpr/en/
http://www.who.int/foodsafety/chem/jmpr/data/en/index.html

Annex 1

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List of substances scheduled for evaluation or re-evaluation

Previous reports and monographs should be consulted to obtain background information on the previous evaluations. For details please refer to
http://www.fao.org/agriculture/crops/thematic-sitemap/theme/pests/jmpr/en/
http://www.who.int/foodsafety/chem/jmpr/publications/en/index.html

TOXICOLOGICAL EVALUATIONS	RESIDUE EVALUATIONS
New Compounds	**New Compounds**
Acibenzolar-S methyl	Acibenzolar-S methyl
Imazethapyr	Imazethapyr
Isofetamid	Isofetamid
MCPB	MCPB
Norflurazon	Norflurazon
Oxathiapiprolin	Oxathiapiprolin
Pendimethalin	Pendimethalin
Spiromesifen	Spiromesifen
Periodic Reevaluations	**Periodic Reevaluations**
Methidathion (51)	Methidathion (51)
Penconazole (182)	Penconazole (182)
Teflubenzuron (190)	Teflubenzuron (190)

TOXICOLOGICAL EVALUATIONS	RESIDUE EVALUATIONS
Follow up evaluations	**New uses and other evaluations**
Bentazone (172) – ARfD based on new data	
	Benzovindiflupyr (261)
	Bixafen (262)
	Buprofezin (173)
	Chlorantraniliprole (230)
	Deltamethrin (135)
	Dicamba (240)
	Dimethomorph (225)
	Fenamidone (264)
	Fenpropathrin (185)
	Fipronil (202)
Fluensulfone (265) - 90 day study (BSA)	Fluensulfone (265)
	Metrafenone (278)
	Penthiopyrad (253)
	Saflufenacil (251)
Sulfoxaflor (252) - Re-evaluation of developmental tox, based upon new data.	Sulfoxaflor (252)
	Tolfenpyrad (269)