

codex alimentarius commission

FOOD AND AGRICULTURE
ORGANIZATION
OF THE UNITED NATIONS

WORLD HEALTH
ORGANIZATION

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Agenda Item 8

CX/PR 99/11
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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

Thirty-first Session

The Hague, The Netherlands, 12 - 17 April 1999

ESTABLISHMENT OF CODEX PRIORITY LISTS OF PESTICIDES

(Prepared by Australia)

1. EVALUATION OF NEW COMPOUNDS

One new compound quinclorac was foreshadowed for review by Canada. The manufacturer, BASF, has confirmed the availability of a complete data package and the review has consequently been tentatively scheduled for 2003.

The proposed review of pyrifenox (1999) has been tentatively deleted from the schedule due to lack of support at this time. This compound was proposed orally by GIFAP at the time of the discussion on the priority list at the 27th Session. As no written details have been considered to date, the Committee is requested to advise, if possible, if it wishes to maintain this compound on the Priority List.

Based upon advice from JMPR, the review schedules of a number of new compounds (chlorpropham, imidacloprid and esfenvalerate) have been adjusted to permit coincident evaluation of toxicology and residue aspects.

2. JMPR REVIEW SCHEDULE

Annex 1 contains the final agenda for the 1999 JMPR and tentative schedules for 2000 through 2004. The following changes were made to the JMPR schedules for 1999 and 2000 (as listed in Appendix IV of CL 1998/14- PR):

Pyrifenox: the proposed review of this new chemical (1999) has been tentatively deleted from the schedule due to lack of support at this time.

N-acetyl glufosinate: has been added to the toxicology evaluation agenda for 1999 as this metabolite is a major component of the residue resulting from glufosinate ammonium use on glufosinate ammonium resistant crops. The FAO Panel has already assessed the residues (1998).

DDT: has been included for toxicology evaluation in 2000 at the request of Germany coincident with the evaluation of levels in the environment by the FAO Panel.

Diflubenzuron: the residue periodic review is delayed by one year to 2000 due to availability of data and to permit coincidental periodic review of the toxicology.

Diazinon: an evaluation of residue data (following review by JMPR in 1996) for animals, pome fruits and cabbages has been scheduled for 1999.

Ethion: the residue evaluation scheduled for 1999 has been deleted due to advice from the manufacturer that there will be no new data provided.

Folpet: has been added to the residue evaluation agenda for 1999 as the 1998 JMPR evaluated the residue data under the periodic review programme, withdrew certain previous recommendations due to the lack of critical supporting studies on environmental fate, and requested the manufacturer to submit additional information for review by the 1999 JMPR.

Thiabendazole: an evaluation of residue data (apple, pear, citrus and strawberry; withdrawal recommended by 1996 JMPR) has been scheduled for 2000 in response to a request from South Africa and as advised by the manufacturer to the JMPR Secretariat. Further extensions of use include the commodities mango and avocado.

Imazalil: the periodic review of toxicology has been delayed from 1999 to 2000 due to availability of data from the manufacturer.

Thiodicarb and Methomyl: the residue periodic review has been delayed for thiodicarb from 2000 to 2001; since methomyl and thiodicarb share related metabolic profiles, both compounds have been delayed in the interest of efficient use of JMPR resources.

Lindane: residue reevaluation has been rescheduled for 2003; there is some support (residue and metabolism data) from one manufacturer however member countries should be asked to check if additional critical supporting data can be obtained from other sources.

Phosphamidon: has been deleted from the list of candidate compounds as yet unscheduled for periodic review as the manufacturer has decided not to support periodic review.

3. CRITERIA FOR PRIORITIZING AND SCHEDULING

The timetables for the JMPR for the compounds pending periodic review were prepared in accordance with the priorities proposed in 1996.

After taking into account the compounds scheduled for Periodic Review through the year 2004, there remain **20** (of which 8 were derived from compounds that have become eligible in the last year) that meet the selection criterion of having first been reviewed toxicologically more than 10 years ago and/or not having had a significant review of maximum residue limits for 10 years (see Annex).

The next step is to confirm with the manufacturer(s) the availability of data to support a periodic review of these compounds and therefore permit scheduling of the reviews.

4. Compounds Recommended for Deletion

Phosphamidon (061) The manufacturer indicated that it did not wish to support a periodic review. It is proposed that the 31st of the CCPR consider deletion of the existing CXLs unless other manufacturers come forward with support.

5. FUTURE EVALUATIONS AND REEVALUATIONS BY JMPR

To encourage member country participation in the process of nominating candidate chemicals for review, it is recommended that the agendas of the JMPR as finalized by the Joint Secretaries of the JMPR be placed on the FAO Home Page as requested by the CCPR at its 30th Session (ALINORM 99/24, para. 103):

<http://www.fao.org/waicent/FaoInfo/Agricult/AGP/AGPP/Pesticid>

PRIORITY LIST OF COMPOUNDS SCHEDULED FOR EVALUATION OR REEVALUATION BY JMPR

The following is the final or tentative lists of compounds to be considered by the FAO/WHO Joint Meeting of Pesticide Residues (JMPR) from 1999 – 2004 (as of January 1999)

AGENDA OF THE 1999 JMPR

TENTATIVE AGENDA OF THE 2000 JMPR[#]

Toxicological evaluations	Residue evaluations
NEW COMPOUNDS pyriproxyfen	NEW COMPOUNDS pyriproxyfen
PERIODIC REEVALUATIONS chlorpyrifos (017) dimethipin (151) ethoprophos (149)	PERIODIC REEVALUATIONS bitertanol (144)
2-phenylphenol (056) permethrin (120) propargite (113) pyrethrins (063)	ethoxyquin (035) fenamiphos (085) malathion (049) methiocarb (132) 2-phenylphenol (056)
EVALUATIONS N-acetyl glufosinate (NAG)	EVALUATIONS buprofezin (173) clethodim (187) diazinon (022) ethephon (106) fenpropimorph (188) fenpyroximate (193) folpet (041)
PTU (150)	phosalone (060)

Toxicological evaluations	Residue evaluations
NEW COMPOUNDS	NEW COMPOUNDS fipronil
PERIODIC REEVALUATIONS acephate (95)	PERIODIC REEVALUATIONS amitraz (122) captan (007)* chlorpyrifos (017) cypermethrin (118)
deltamethrin (135)	diphenylamine (030)
dodine (084)	endosulfac (032)
fenitrothion (037) imazalil (110) methamidiphos (100)	parathion (058) parathion-methyl (059) piperonyl butoxide (62) pyrethrins (063)
thiodicarb (154) vamidothion (078)	EVALUATIONS aldicarb (117) chlorfenvinphos (14) chlormequat (15) DDT (21) fenthion (039)
EVALUATIONS DDT (21)	thiabendazole (065)
fipronil	

* Availability of data to be confirmed.

TENTATIVE AGENDA OF THE 2001 JMPR

Toxicological evaluations	Residue evaluations
NEW COMPOUNDS	NEW COMPOUNDS
chlorpropham imidacloprid spinosad	chlorpropham imidacloprid spinosad
PERIODIC REEVALUATIONS	PERIODIC REEVALUATIONS
diflubenzuron (130)	carbaryl (008) diflubenzuron (130) dimethipin (151) dodine (084) ethoprophos (149) fenitrothion (037) imazalil (110)
mecarbam (124)	methomyl (094)/thiodicarb (154)
methoprene (147) oxamyl (126)	permethrin (120)
prochloraz (142)	propargite (113)
triazophos (143)	
EVALUATIONS	EVALUATIONS
lindane (48)	diquat (031)

TENTATIVE AGENDA OF THE 2002 JMPR

Toxicological evaluations	Residue evaluations
NEW COMPOUNDS	NEW COMPOUNDS
esfenvalerate*	esfenvalerate*
PERIODIC REEVALUATIONS	PERIODIC REEVALUATIONS
cyhexatin (67)	acephate (095) deltamethrin (135) methamidophos (100) oxamyl (126) pirimiphos-methyl (086) prochloraz (142)
propamocarb (148)	triazophos (143) vamidothion (078)
EVALUATIONS	EVALUATIONS
tolyfluanid (162)	carbofuran (096) mevinphos (053) tolyfluanid (162)

*Replacement chemical for fenvalerate

TENTATIVE AGENDA OF THE 2003 JMPR

Toxicological evaluations	Residue evaluations
NEW COMPOUNDS quinclorac	NEW COMPOUNDS quinclorac
PERIODIC REEVALUATIONS bendiocarb (137)	PERIODIC REEVALUATIONS cyhexatin (67) lindane (048) mecarbam (124) methoprene (147) propamocarb (148) propineb

TENTATIVE AGENDA OF THE 2004 JMPR

Toxicological evaluations	Residue evaluations
NEW COMPOUNDS	NEW COMPOUNDS
PERIODIC REEVALUATIONS	PERIODIC REEVALUATIONS bendiocarb (137)

**CANDIDATE COMPOUNDS FOR PERIODIC REVIEW
NOT YET SCHEDULED**

anilazine ²	paclobutrazol ²
azocyclotin ¹	paraquat ¹
benalaxyl ²	phorate ¹
chinomethionat ¹	pirimicarb ⁴
clofentazine ¹	procymidone ²
cyhalothrin ³	propiconazole ²
fenvalerate ³	propoxur ²
flucythrinate ⁴	terbufos ²
glyphosate ¹	triadimefon ¹
metalaxyl ³	triforine (residues) ⁴

- ¹ Availability of adequate data package to be confirmed
² New candidate compound for periodic review
³ Not supported for periodic reevaluation. However, there is support for MRLs based on the use of specific enantiomers/isomers
⁴ Awaiting scheduling date for review in the European Community