codex alimentarius commission

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

WORLD HEALTH ORGANIZATION

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Agenda Item 11 **CX/PR 05/37/13**
March 2005

JOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON PESTICIDE RESIDUES
Thirty-seventh Session
The Hague, The Netherlands, 18-23 April 2005

ESTABLISHMENT OF CODEX PRIORITY LISTS OF PESTICIDES

Prepared by Australia

1. EVALUATION OF NEW COMPOUNDS

Germany has proposed the new fungicide boscalid as a reduced risk replacement chemical for review by the JMPR. Boscalid belongs to the class of oxathlin fungicides, also known as carboxamide or anilide fungicides. Boscalid has a very low mammalian toxicity. It is not mutagenic nor is it a developmental or reproductive toxicant. The chemical is not acutely toxic with studies showing no neurotoxic effects. It has been shown to be non-carcinogenic in mice. The major route of degradation in the environment is via aerobic metabolism in the soil. Metabolites were formed only at low percentages. The chemical was not labile under photolytic or hydrolytic conditions. Based on adsorption/desorption data boscalid is moderately absorbed and of low mobility. Boscalid is of low acute and chronic toxicity to birds, aquatic vertebrates and invertebrates, mammals, bees, terrestrial plants and aquatic plants when evaluated in relation to exposure.

Boscalid used as a premix with pyraclostrobin is expected to replace a number of the commercial fungicides including dicarboxamides, chlorothalanil, mancozeb, benzimidazoles, demethylation inhibitors and metallic based fungicides. Commodities for which CXLs are sought are: cereals, grapes, oilseed rape, pome fruits and vegetables. Data is available for submission to JMPR.

2. JMPR REVIEW SCHEDULE

Appendix 1 contains the tentative schedule for the 2005 JMPR and tentative schedules for 2006 through 2013**.** Listed below are changes made to the tentative schedules taking into consideration the prioritisation criteria agreed at CCPR 35 ALINORM 03/24A Appendix IX and the limited resources of JMPR.

Note: that in deciding the tentative schedule, the Ad hoc Working Group on Priorities should consider the request from JMPR to align the toxicological and residues reviews for chemicals scheduled for periodic re-evaluation.

3. CHANGES TO THE 2005 TENTATIVE SCHEDULE

Cypermethrin (118) and alpha and zeta cypermethrin have been postponed to the 2006 schedule for re-evaluation for residues to align with the re-evaluation for toxicology.

Guazatine (114) has been withdrawn from the JMPR tentative schedule following recommendations from the manufacturer.

Haloxyfop (194) has been postponed to the 2006 tentative schedule for the review of toxicity following a recommendation from the manufacturer.

Pyrethrins(063) has been added to the tentative schedule for residues evaluation of data for tree nuts under the 4 year rule, following recommendations from the 2002 CCPR.

Thiabendazole (065) has been postponed until the 2006 tentative schedule for evaluation of acute toxicity at the request of the manufacturer.

4. CHANGES TO THE 2006 TENTATIVE SCHEDULE

Cypermethrin (118) and alpha and zeta cypermethrin have been rescheduled from the 2005 tentative agenda for re-evaluation for residues to align with the re-evaluation for toxicology.

Haloxyfop (194) has been postponed to the 2006 tentative schedule for review of toxicity following recommendations from JMPR.

Pyrimethanil (new chemical) has been postponed to the 2007 tentative schedule for toxicology in exchange for the periodic re-evaluation of cyfluthrin/β-cyfluthrin (157) from the 2007 tentative schedule at the request of the manufacturer of both these 2 chemicals.

Thiabendazole (065) has been rescheduled from the 2005 tentative schedule for evaluation of acute toxicity at the request of the manufacturer.

Triazophos (143) has been postponed to the 2007 tentative schedule for residues re-evaluation in exchange for propamocarb (148) from the 2007 tentative schedule at the request of the manufacturer of both these 2 chemicals.

5. CHANGES TO THE 2007 TENTATIVE SCHEDULE

The new chemical boscalid has been tentatively scheduled for 2007.

Cyfluthrin/β-cyfluthrin (157) has been rescheduled to the 2006 tentative schedule for toxicological re-evaluation at the request of the manufacturer.

Propamocarb (148) has been rescheduled to the 2006 tentative schedule for residues re-evaluation at the request of the manufacturer.

Pyrimethanil (new chemical) has been postponed to the 2007 tentative schedule for toxicology at the request of the manufacturer of both these 2 chemicals.

Triazophos (143) has been postponed to the 2007 tentative schedule for residues re-evaluation at the request of the manufacturer of both these 2 chemicals.

6. CHANGES TO THE 2008 TENTATIVE SCHEDULE

Cyfluthrin/β-cyfluthrin (157) has been tentatively rescheduled to 2008 for residues re-evaluation at the request of the manufacturer.

7. CHANGES TO THE 2009 TENTATIVE SCHEDULE

Cyfluthrin/β-cyfluthrin (157) has been tentatively rescheduled to 2008 for residues re-evaluation at the request of the manufacturer.

8. CANDIDATE CHEMICALS FOR PERIODIC RE-EVALUATION – NOT YET SCHEDULED

CCPR 35 agreed that candidate chemicals for re-evaluation were to be selected on the basis of not having a major toxicological or residue review for 15 years provided that the Committee consider reverting to the 10-year period criterion once the JMPR backlog was removed. (ALINORM 03/24A paragraph 172). On this basis the next candidate chemicals for periodic re-evaluation would be nominated at CCPR 40 in 2008.

9. CHEMICALS PROPOSED FOR PRIORITY LISTING BUT FOR WHICH FURTHER CONSIDERATION IS REQUIRED BEFORE A DECISION CAN BE MADE

DDT (EMRLs) see paragraph 173 ALINORM 03/24 and paragraphs 174,175 ALINORM 03/24A for explanations on why the review of EMRLs has been delayed.

Gentamicin, oxytetracycline: Both antibiotics were nominated for review by the JMPR in 2000. CCPR referred the matter of potential antibiotic resistance development to CAC and requested the Commission to coordinate consideration of the issue across relevant Committees including CCRVDF and Food Hygiene.

10. FUTURE EVALUATIONS AND RE-EVALUATIONS 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
http://www.who.int/ipcs/food/jmpr/en/

NOTE: A formal call for data with deadlines for the 2005 JMPR with information on data submissions has been published on the websites.

http:/www.who.int/ipcs/food/jmpr/data/en/

APPENDIX 1

PRIORITY LIST OF CHEMICALS SCHEDULED FOR EVALUATION AND RE-EVALUATION BY JMPR

The following are the tentative schedules to be evaluated by the FAO/WHO Joint Meeting on Pesticides Residues (JMPR) from 2005 to 2013

2005 JMPR

Toxicological evaluations	**Residue evaluations**
New compounds	***New compounds***
dimethenamid-P	dimethenamid-P
fenhexamid	fenhexamid
indoxacarb	indoxacarb
novaluron	novaluron
sulfuryl fluoride	sulfuryl fluoride
Periodic re-evaluations	***Periodic re-evaluations***
benalaxyl (155)	cyhexatin (067)/ azocyclotin (129)
clofentezine (156)	endosulfan (032)
cyhexatin (067)/azocyclotin (129)	glyphosate (158)
propamocarb (148)	methoprene (147)
	phorate (112)
	terbufos (167)
Evaluations	***Evaluations***
carbendazim (072) –acute toxicity	ethoxyquin (035)
chlorpropham (201)	methiocarb (132)
ethoxyquin (035	pyrethrins (063)
imazalil (110) – acute toxicity	

2006 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
bifenazate	bifenazate
dimethomorph	dimethomorph
quinoxyfen	quinoxyfen
Periodic re-evaluations	***Periodic re-evaluations***
alpha and zeta cypermethrin	*alpha and zeta* cypermethrin
cyfluthrin/beta cyfluthrin (157)	cypermethrin (118)
cyromazine (169)	pirimicarb (101)
flusilazole (165)	propamocarb (148)
procymidone (136)	propiconazole (160)
profenofos (171)	triadimefon (133) {should be evaluated
	triadimenol (168) {together
Evaluations	***Evaluations***
haloxyfop (194)	propargite (113)
pirimiphos-methyl (086) –acute toxicity	
thiabendazole (065) – acute toxicity	
thiophanate-methyl (077) – acute toxicity	

2007 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
pyrimethanil	pyrimethanil

zoxamide	zoxamide
boscalid	boscalid
Periodic re-evaluations	***Periodic re-evaluations***
azinphos-methyl (002)	clofentezine (156)
lamba cyhalothrin	permethrin (120)
fentin (040)	triazophos (143)
vinclozolin (159)	triforine (116)
Evaluations	***Evaluations***

2008 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
Periodic re-evaluations	***Periodic re-evaluations***
bioresmethrin (93)	benelaxyl (155)
	cyfluthrin/*beta* cyfluthrin (157)
buprofezin (173)	cyromazine (169)
chlorpyrifos-methyl (090)	*lamba*-cyhalothrin replacement of cyhalothrin
hexythiazox (176)	flusilazole (165)
	procymidone (136)
	profenofos (171)
Evaluations	***Evaluations***

2009 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
Periodic re-evaluations	***Periodic re-evaluations***
bifenthrin (178)	azinphos-methyl (002)
cadusafos (174)	fentin (040)
chorothalanil (081)	vinclozolin (159)
cycloxydim (179)	
Evaluations	***Evaluations***

2010 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
Periodic re-evaluations	***Periodic re-evaluations***
aldicarb (117)	bioresmethrin (93)
dicofol (026)	buprofezin (173)
dithianon (028)	chlorpyrifos-methyl (090)
fenbutatin oxide (109)	hexythiazox (176)
Evaluations	***Evaluations***

2011 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
Periodic re-evaluations	***Periodic re-evaluations***
dichlorvos (025)	amitraz (122)
diquat (031)	bifenthrin (178)
etofenprox (184)	cadusafos (174)
fenropathrin (185)	chorothalanil (081)
Evaluations	***Evaluations***

2012 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
Periodic re-evaluations	***Periodic re-evaluations***
	aldicarb (117)
	cycloxydim (179)
	dithianon (028)
	fenbutatin oxide (109)
Evaluations	***Evaluations***

2013 JMPR

Toxicological evaluations	**Residue evaluations**
New Compounds	***New Compounds***
Periodic re-evaluations	***Periodic re-evaluations***
	dichlorvos (025)
	dicofol (026)
	diquat (031)
	etofenprox (184)
	fenropathrin (185)
Evaluations	***Evaluations***

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ANNEX I

CHEMICALS PROPOSED FOR PRIORITY LISTING BUT FOR WHICH FURTHER CONSIDERATION IS REQUIRED BEFORE A DECISION CAN BE MADE.

DDT (EMRLs)
Gentamicin, oxytetracycline hydrochloride.