



Joint FAO/WHO Expert Meetings on Pesticide Specifications (JMPS)

Call for data for updating the FAO specifications developed under the old procedure

Issued October 2016

The FAO and World Health Organization (WHO) specifications developed under the new procedures started in 1999. A specification published under the new procedure normally supersedes and cancels any earlier specification for the material involved. However, more than 300 FAO specifications based on the old procedure - hence without hazard evaluation - are still published and used. At the 2016 the Joint FAO/WHO Meeting on Pesticide Specifications (JMPS) meeting in Tokyo, it was agreed that the issue of the FAO old specifications should be addressed. To facilitate this work, a call for data would need to be issued and feedback from manufactures in particular the companies or their successors that had developed a compound would be desirable. The JMPS identified the compounds which are still broadly produced, traded and used in agriculture for updating their specifications. Attached is the list of substances (Annex 1) proposed to be updated as high priority. This list has been prepared based on the available registration in countries and status of international trade.

Manufactures are encouraged to support the update of the old FAO specifications listed in the Annex 1. The applications will be scheduled into the JMPS 3 years (2018–2020) working programme. The deadline for proposal to be reviewed by the 2018 JMPS is by 30 May 2017.

According to the decision of the 2016 JMPS, the data requirements for conversion of old procedure specifications into new ones are specified as follows:

1. The information as outlined in Section 3.1 of the FAO/WHO Manual on the development and application of specifications for pesticides¹ will apply for conversion of old procedure specifications into new ones. However, some particular aspects different than for the proposal of reference specifications for technical and formulated pesticides are considered by JMPS.
2. For the conversion process, the manufacturer providing the most complete hazard data package (see Section 3.1 A9 of the Manual) supporting a recent purity and impurity profile of the technical material produced will be considered by JMPS as main data proposer and the specifications developed will be considered as reference specifications. In cases where such a firm link between a full hazard data and the purity and impurity profile of a technical material cannot be established by a manufacturer, JMPS will consider a proposal from a manufacturer submitting a data package similar as for an equivalence case (see Section 3.2, Minimum data requirements for extension of an existing specification to an additional manufacturer or a new manufacturing route, point E 1 for Tier-1). In addition, published sub-chronic, chronic, mutagenicity, neurotoxicity and reproduction toxicity studies on the active ingredient and their results reviewed and evaluated by JMPS will be also considered by the JMPS. A proposal for a TC or TK is deemed acceptable by JMPS provided that:

¹http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/Specs/JMPS_Manual_2016/3rd_Amendment_JMPS_Manual.pdf

- i. the technical material under evaluation does not produce a response in the *in-vitro* mutagenicity test worse than that for the material whose hazard profile has been evaluated by FAO/WHO joint meeting on pesticide residues (JMPR);
- ii. no qualitatively new adverse effect is observed in the repeated dose studies (28 or 90 days repeated dose studies in rodents) and;
- iii. The “no observed adverse effect level” (NOAEL) or bench-mark dose for any toxicity end point is not more than a factor of 10-0.5 lower than that evaluated for the technical material evaluated and published by JMPR.

All applications or intentions should be sent to the FAO JMPS Secretariat

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Annex 1

List of FAO "Old procedure" specifications compounds with high priority for conversion into new procedure specifications

Compound name begins with	Comments
Numerical	
2,4-D	acid, salts, esters,
A	
acephate	
ametryn	
amitrole	
asulam-Na (TK)	
atrazine	
B	
benomyl	
bitertanol	
bromoxynil	free phenol and esters
C	
captan	
carbosulfan	
chlorfenvinphos	
chlorotoluron	
chlorpropham	
cypermethrin	
D	
diazinon	
dichlorprop	racemic and P
dichlorvos	
diflufenican	
diuron	
dodine	
d-transallethrin	S-bioallethrin TC: WHO specification
E	
ethephon	
ethion	
F	
fenvalerate	
fluometuron	
folpet	
G	

no candidate compounds	
H	
no candidate compounds	
I	
no candidate compounds	
K	
no candidate compounds	
L	
lime sulphur	
linuron	
M	
mancozeb	
maneb	
MCPA	free acid, salts and esters
MCPB	
metam	salts
mecoprop	racemic and P
metolachlor	racemic and S
metribuzin	
N	
no candidate compounds	
O	
oxadixyl	
P	
phenmedipham	
propanil	
propargite	
propazine	
propiconazole	
propineb	
pyrethrum	
Q	
no candidate compounds	
R	
no candidate compounds	
S	
sulfometuron methyl	
sulphur	

T	
tebuconazole	
terbuthylazine	
thiodicarb	
thiophanate-methyl	
thiram	
trichlorfon	
triflumuron	
U	
no candidate compounds	
V	
no candidate compounds	
W	
no candidate compounds	
X	
no candidate compounds	
Y	
no candidate compounds	
Z	
zineb	
ziram	