

**TABLE 1: Pesticides to be included in the IPC list of approved pesticides for use on pepper – A submission by Malaysia**

No.	Pesticide	Crop	MRL (mg/kg)	Comments
1	Azadirachtin		Not required	
2	Benomyl (expressed as carbendazim)	Pepper	0.1	Reg. with MPB* for use on pepper
3	Bordeaux mixture		Not required	
4	Carbaryl	Pepper	5	
5	Carbendazim	Pepper	0.1	Reg. with MPB for use on pepper
6	Carbofuran	Pepper	0.1	Reg. with MPB for use on pepper
7	Chlorothalonil	Pepper	0.2	Reg. with MPB for use on pepper
8	Chlorpyrifos	Pepper	0.5	Reg. with MPB for use on pepper
9	Copper hydroxide	Pepper	Not required	Reg. with MPB for use on pepper
10	Copper oxychloride	Pepper	Not required	Reg. with MPB for use on pepper
11	Copper sulphate		Not required	
12	Cupric hydroxide		Not required	
13	Cuprous oxide	Pepper	Not required	Reg. with MPB for use on pepper
14	Cypermethrin	Chilli	0.5	MRL not available for pepper, but pesticide is registered with Malaysian Pesticide Board for use on pepper
15	Deltamethrin	Chilli	0.2	MRL not available for pepper, but pesticide is registered with Malaysian Pesticide Board for use on pepper
16	Dithiocarbamates (Mancozeb, Maneb, Propineb, Thiram, Zineb, Ziram)	Pepper	3	
17	Endosulfan (sum of alpha & beta endosulfan and endosulfan sulphate)	Pepper	0.5	
18	Glyphosate	Cocoa beans Coffee beans Tea	0.5 0.2 0.2	MRL not available for pepper, but pesticide is registered with Malaysian Pesticide Board for use on pepper
19	Lambda cyhalothrin	Pepper	0.5	Reg. with MPB for use on pepper
20	Metalaxyl	Cocoa beans Citrus fruits Durian	0.2 5 0.2	MRL not available for pepper, but pesticide is registered with Malaysian

## Annex 06

		Maize Cucumber Tomato	0.05 0.5 0.5	Pesticide Board for use on pepper
21	Paraquat	Pepper	0.05	
22	Prochloraz (sum of prochloraz and its metabolite containing the 2,4,6-trichlorophenol moiety, expressed as prochloraz)	Pepper	8	Reg. with MPB for use on pepper
23	Pyrethrum		Not required	
24	Sulphur		Not required	
25	Thiophanate-methyl	Pepper	0.1	Reg. with MPB for use on pepper
26	Tribasic copper sulphate		Not required	
27	White oil		Not required	
28	Neutralized phosphorous acid/ Potassium phosphonate	Pepper Durian Citrus		MRL might not be required

\* MPB – Malaysian Pesticide Board

### **PLEASE NOTE:**

1. Pesticides No. 1-27 listed in Table 1 above fall under one of the following categories:
  - i. registered for use on pepper by the Malaysian Pesticide Board as at August 2006, and had approved MRLs for pepper in Malaysia under the Sixteenth Schedule - Regulation 41 Pesticide Residue in the Malaysian Food (Amendment) Regulations 2004
  - ii. or had approved MRLs for pepper and other crops in Malaysia under the Sixteenth Schedule - Regulation 41 Pesticide Residue in the Malaysian Food (Amendment) Regulations 2004, but without current registration with the Malaysian Pesticide Board
  - iii. or registered for use on pepper by the Malaysian Pesticide Board as at August 2006, but currently had no approved MRLs for pepper in Malaysia under the Sixteenth Schedule - Regulation 41 Pesticide Residue in the Malaysian Food (Amendment) Regulations 2004
  - iv. or registered for use on pepper by the Malaysian Pesticide Board as at August 2006, but where MRLs are not required by the Sixteenth Schedule - Regulation 41 Pesticide Residue in the Malaysian Food (Amendment) Regulations 2004
  - v. or a pesticide where no MRLs are required by the Sixteenth Schedule - Regulation 41 Pesticide Residue in the Malaysian Food (Amendment) Regulations 2004
2. Neutralized phosphorous acid or potassium phosphonate (Item No. 28) is a cheap and effective industrial chemical for use against the Oomycetes, eg. *Phytophthora* spp. It is used to control *Phytophthora* spp. on avocado and downy

mildew on grapes in Australia. It has been found to be effective against Phytophthora foot rot and black berry disease in Malaysia. It is used in India for Phytophthora foot rot, downy mildew of maize and late blight of potato. It is hereby proposed that this chemical be included in the IPC list of approved pesticides/chemicals for use on pepper.

3. We would like to propose that all the pesticides listed in Table 2 be considered also for inclusion in the IPC list of approved pesticides for use on pepper.
4. Many of the fungicides and insecticides listed in Table 2 have been found to be effective against the common diseases and pests of pepper by researchers in the Sarawak Department of Agriculture. Four of them have already been included in the Codex MRLs for Spices list submitted by the expert from India during the Quality Meeting held in Kandy on 3<sup>rd</sup> September 2006.

**TABLE 2:  
Proposed additional pesticides to be included in the IPC list  
of approved pesticides for use on pepper – submitted by Malaysia**

No.	Pesticide	Crop (some other crops other than pepper)	MRL (mg/kg)	Comments
29	Aluminium phosphide	Not available (NA)	NA	
30	Azinophos ethyl	NA	NA	
31	Captafol	NA	NA	
32	Cyproconazole	Cocoa beans Coffee beans Palm oil Legume vegetables	0.1 0.1 0.1 0.1	
33	Diazinon	Rice (milled or polished) Legume vegetables Chilli	0.1 0.2 0.5	In India's list
34	Difenoconazole	Rice (milled or polished) Chilli Mustards	0.1 1 1	
35	Dimethoate	Rice (milled or polished) Chilli Tea	0.1 2 0.2	In India's list
36	Diuron	Coffee beans Palm oil Tea	0.1 0.1 1	
37	Fosetyl aluminium	Citrus fruits Cocoa beans Durian	5 1 1	
38	Glufosinate ammonium	Rice (milled or polished) Cocoa beans Coffee beans Cashew nuts	0.1 0.5 0.1 0.1	
39	Hexaconazole	Rice (milled or polished) Coffee beans Long beans Mustard	0.05 0.05 0.2 0.5	
40	Malathion	Rice (milled or polished) Chilli Mustard	0.5 0.5 8	In India's list
41	Mancozeb	NA	NA	
42	Maneb	NA	NA	
43	Penaconazole	NA	NA	
44	Pencycuron	Rice (milled or polished) Mustard	0.5 1	
45	Quintozene	Cabbage	0.02	In India's list
46	Triadimefon	Coffee beans	0.05	
47	Trichlorfon	Rice (milled or polished) Mustard French beans Long beans	0.1 0.1 0.1 0.1	
48	Tridemorph	Sweet pea Legume vegetables Tea	0.1 0.1 15	