

Sl. No.	Name of Pesticides	Group or Sub group of spices	MRLs(mg/kg) Codex	MRLs (mg/kg) India	Suggested IPC MRLs by India
1.	Acephate	Entire group	0.2	2.0	Codex MRL may be retained.
2.	Azinphos-methyl	Entire group	0.5	Not registered	Codex MRL may be retained
3.	Chlorpyrifos	Seeds Fruits or berries Roots/ rhizomes	5 1 1	0.5	Codex MRL may be retained.
4.	Chlorpyrifos-methyl	Seeds Fruits or berries Roots/ rhizomes	1 0.3 5	0.5	Codex MRL may be retained.
5.	Cypermethrin	Fruits or berries Roots/ rhizomes	0.1 0.2	0.2	Codex MRL may be retained.
6.	Diazinon	Seeds Fruits or berries Roots/ rhizomes	5 0.1	0.05	Codex MRL may be retained.
8.	Dicofol	Seeds Fruits or berries Roots/ rhizomes	0.05 0.1 0.1	0.1	Codex MRL may be retained.
9.	Dimethoate	Seeds Fruits or berries Roots/ rhizomes	5 0.5 0.1	2.0	Codex MRL for seeds may be retained.
10.	Disulfoton	Entire group	0.05	Not registered	Codex MRL for fruits or berries may be retained.
11.	Endosulfan Total	Seeds Fruits or berries Roots/ rhizomes	1 5 0.5	2.0	Codex MRL for fruits or berries may be retained.
12.	Ethion	Seeds Fruits or berries Roots/ rhizomes	3 5 0.3	2.0	Codex MRL for fruits or berries may be retained.
13.	Fenitrothion	Seeds Fruits or berries Roots/ rhizomes	7 1 0.1	0.5	Codex MRL for fruits or berries may be retained.

14.	Iprodion	Seeds Roots/ rhizomes	0.05 0.1	0.1	Codex MRL for Roots may be retained
15.	Malathion	Seeds Fruits or berries Roots/ rhizomes	2 1 0.5	3.0	Codex MRL for seeds may be retained.
16.	Metalaxyl	Seeds	5	1.0	Codex MRL may be retrained
17.	Methamidophos	Entire group	0.1	0.1	Codex MRL may be retrained
18.	Parathion	Seeds Fruits or berries Roots/ rhizomes	0.1 0.2 0.2	0.5	Codex MRL for Fruits or berries may be retained
19.	Parathion-methyl	Seeds Fruits or berries Roots/ rhizomes	5 5 3	1.0	Codex MRL for Fruits or berries may be retained
20.	Permethrin	Entire groups	0.05	0.05	Codex MRL may be retained.
21.	Phenthoate	Seeds	7	0.05	Codex MRL may be retained
22.	Phorate	Seeds Fruits or berries Roots/ rhizomes	0.5 0.1 0.1	0.1	Codex MRL for Fruits or berries may be retained.
23.	Phosalone	Seeds Fruits or berries Roots/ rhizomes	2 2 3	2.0	Codex MRL for Fruits or berries may be retained.
24.	Pirimicarb	Seeds	5	Not registered	Codex MRL may be retained.
25.	Pirimiphos-methyl	Seeds-sub group Fruits –sub group	3 0.5	0.5	Codex MRL for Fruits or berries may be retained
26.	Quintozene	Seeds-sub group Fruits or berries Roots/ rhizomes	0.1 0.02 2	Not registered	Codex MRL for Fruits or berries may be retained.
27.	Vinclozolin	Entire group	0.05	Not registered	Codex MRL may be retained.

Note:-

1. *From the comparative study it is seen that the MRLs of Codex is more acceptable and may be considered as IPC MRLs for the listed pesticides*
2. *Supplement list of major Pesticides registered in India for different crops is as follows which may also be considered for setting MRLs*

Additional Pesticides to be included in IPC list

Sl. No.	Name of Pesticides	Group or Sub group of spices	MRLs (mg/kg) India
1	2	3	4
1.	Aldrin	Entire group	0.1
2.	Carbaryl	Fruits or berries	5.0
3.	Chlordane	Fruits or berries	0.1
4.	Heptachlor	Fruits or berries	0.05
5.	Phosfamidon	Fruits or berries	0.01
6.	Chlorfenvinphos	Fruits or berries	0.1
8.	Monocrotophos	Fruits or berries	0.2
9.	Trichlorfon	Fruits or berries	0.05
10.	Carbendazim	Fruits or berries	0.1
11.	Benomyl	Fruits or berries	0.1
12.	Fenthion	Vegitables	0.5
13.	Fenvalerate	Fruits and vegitables	1.0
14.	Quinolphos	Cardamom	0.1
15.	Permethrin	Vegitables	0.5