

## WHO Pesticide Evaluation Scheme

**Discriminating concentrations of insecticides for adult mosquitoes**  
(1h exposure – WHO/CDS/CPC/MAL/98.12 and WHO Technical Report Series 818; see footnotes for variations in the exposure time)

<b>Class</b>	<b>Insecticide</b>	<b>Anophelines</b>	<b>Aedes aegypti</b>	<b>Culex quinquefasciatus</b>
<b>Organochlorines</b>	DDT	4%	4% <sup>a</sup>	4% <sup>b</sup>
<b>Organophosphates</b>	Fenitrothion	1% <sup>c</sup>		1% <sup>d</sup>
	Malathion	5%	0.8%	5%
	Pirimiphos-methyl	0.25% <sup>e</sup>		
<b>Carbamates</b>	Bendiocarb	0.1%		
	Propoxur	0.1%	0.1%	0.1% <sup>c</sup>
<b>Pyrethroids</b>	Alpha-cypermethrin	0.05% <sup>e</sup>		
	Bifenthrin	0.2% <sup>e</sup>		
	Cyfluthrin	0.15%		
	Deltamethrin	0.05%		0.025%
	Etofenprox	0.5%		
	Lambda-cyhalothrin	0.05% <sup>f</sup>	0.03%	0.025%
	Permethrin	0.75%	0.25%	0.25% <sup>g</sup>

<sup>a</sup> Half an hour exposure

<sup>b</sup> Four hours exposure

<sup>c</sup> Two hours exposure for *Anopheles sacharovi*.

<sup>d</sup> Two hours exposure

<sup>e</sup> Tentative

<sup>f</sup> 0.1% for *Anopheles sacharovi*

<sup>g</sup> Three hours exposure