

WHOPES-recommended compounds and formulations for control of mosquito larvae

<i>Insecticide compounds and formulation(s)</i> ¹	<i>Class group</i> ²	<i>Dosage (active ingredient)</i>	
		<i>General (g/ha)</i>	<i>Container-breeding mg/L</i>
<i>Bacillus thuringiensis israelensis, strain AM65-52, WG</i>	BL	125-750 ³	1-5 ³
<i>Diflubenzuron DT, GR, WP</i>	BU	25-100	0.02-0.25
<i>Novaluron EC</i>	BU	10-100	0.01-0.05
<i>Pyriproxyfen GR</i>	JH	10 - 50	0.01
<i>Fenthion EC</i>	OP	22-112	-
<i>Pirimiphos-methyl EC</i>	OP	50-500	1
<i>Temephos EC, GR</i>	OP	56-112	1
<i>Spinosad DT, EC, GR, SC</i>	SP	20-500	0.1-0.5

¹ DT = tablet for direct application; GR = granule; EC = emulsifiable concentration; WG = water-dispersible granule; WP = wettable powder.

² BL = Bacterial Larvicide; BU = Benzoylureas; JH = Juvenile Hormone Mimics; OP = Organophosphates; SP = Spinosyns.

³ Formulated product..

Notes:

1. Reports of the WHOPES Working Group Meetings (available at <http://www.who.int/whopes/recommendations/wgm/en/>) and the WHOPES publication *Pesticides and their application for control of vectors and pests of public health importance* (available at http://whqlibdoc.who.int/hq/2006/WHO_CDS_NTD_WHOPES_GCDPP_2006.1_eng.pdf) should be consulted for guidance on use and recommendations;
2. The WHO Guidelines for drinking-water quality (http://www.who.int/water_sanitation_health/dwq/gdwq3rev/en/) provides authoritative guidance and should be consulted for application of insecticides in potable water for mosquito larviciding; and
3. WHO recommendations on the use of pesticides in public health are valid ONLY if linked to WHO specifications for their quality control (available at <http://www.who.int/whopes/quality/newspecif/en/>).