

**Dr. Duke's Phytochemical and Ethnobotanical Databases****List of Chemicals for Larvicide**

<b>Chemical</b>	<b>Dosage</b>
THYMOL	10 ppm
THYMOL	58 ppm
THYMOL	LC50=36-49 mg/l
TERPINEOL	LC50=156-194 mg/l
SURANGIN-B	0.05 u/ml
SQUAMOCIN	62-70 ppm diet
SPILANTHOL	--
SINIGRIN	--
ROTENONE	--
PODOPHYLLOTOXIN	5 ppm
OBTUSAQUINONE	--
NORDIHYDROGUAIARETIC-ACID	--
NEOANNONIN	62-70 ppm diet
MYRISTICIN	25 ppm
MENTHONE	LC50=156-194 mg/l
MAGNOLOL	--
MACLUROXANTHONE	--
LINALOOL	LC50=156-194 mg/l
ISOELEMICIN	100 ppm
HYPERICIN	--
HYMENOLIN	--
HALLACTONE-B	--
HALLACTONE-A	--
GRANDIFLORIC-ACID	--
GOSSYPOL	--
GENTIOPICRIN	1,300-2,00 mg/man
EUGENOL	--

Chemical	Dosage
ELEMICIN	100 ppm
DIBENZOFURAN	--
DIALLYL-TRISULFIDE	--
DIALLYL-DISULFIDE	--
DI-N-PROPYL-DISULFIDE	--
DESOXYPODOPHYLLOTOXIN	--
CUMINALDEHYDE	--
CARYOPHYLLENE-EPOXIDE	IC60=5 mM
CARYOPHYLLENE	--
BULLATACIN	ED80=10 ppm
BETA-PELTATIN-A-METHYL-ETHER	--
BETA-ASARONE	16 ppm
BETA-AMYRIN	--
BERBERINE	9 ppm
BERBERASTINE	9 ppm
BENZENE	--
AZETIDINE-2-CARBOXYLIC-ACID	--
ASIMICIN	LD100=1 ppm
ARISTOLOCHIC-ACID	1 ppm
ANNONACIN	IC50=10 ppm
ALVAXANTHONE	--
ALPHA-THUJONE	--
ALPHA-TERTHIENYL	--
ALLICIN	--
ABSINTHIN	--
6-SHOGAOL	LD90=62 ug/ml
6-GINGEROL	LD90=62 ug/ml

Chemical	Dosage
4-BUTOXYMETHYLPHENOL	--
4,4'-DIALLYL-2,3'-DIHYDROXYBIPHENYL-ETHER	--
4,4'-DIALLYL-2,3'-DIHYDROXYBIPHENYL	--
3,5'-DIALLYL-2'-HYDROXY-4-METHOXYBIPHENYL-ETHER	--
2-FURALDEHYDE	1 ppm
(5E)-OCIMENONE	--