

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

<b>Chemical</b>	<b>Dosage</b>
6-SHOGAOL	LD90=62 ug/ml
6-GINGEROL	LD90=62 ug/ml
ASIMICIN	LD100=1 ppm
THYMOL	LC50=36-49 mg/l
MENTHONE	LC50=156-194 mg/l
TERPINEOL	LC50=156-194 mg/l
LINALOOL	LC50=156-194 mg/l
CARYOPHYLLENE-EPOXIDE	IC60=5 mM
ANNONACIN	IC50=10 ppm
BULLATACIN	ED80=10 ppm
BERBERINE	9 ppm
BERBERASTINE	9 ppm
NEOANNONIN	62-70 ppm diet
SQUAMOCIN	62-70 ppm diet
THYMOL	58 ppm
PODOPHYLLOTOXIN	5 ppm
MYRISTICIN	25 ppm
BETA-ASARONE	16 ppm
ISOELEMICIN	100 ppm
ELEMICIN	100 ppm
THYMOL	10 ppm
GENTIOPICRIN	1,300-2,00 mg/man
2-FURALDEHYDE	1 ppm
ARISTOLOCHIC-ACID	1 ppm
SURANGIN-B	0.05 u/ml
4-BUTOXYMETHYLPHENOL	--
ALPHA-THUJONE	--

Chemical	Dosage
EUGENOL	--
CARYOPHYLLENE	--
GOSSYPOL	--
ABSINTHIN	--
4,4'-DIALLYL-2,3'-DIHYDROXYBIPHENYL	--
DESOXYPODOPHYLLOTOXIN	--
HALLACTONE-B	--
SINIGRIN	--
DIALLYL-DISULFIDE	--
HYPERICIN	--
ALPHA-TERTHIENYL	--
DIBENZOFURAN	--
MAGNOLOL	--
BENZENE	--
(5E)-OCIMENONE	--
BETA-AMYRIN	--
ALVAXANTHONE	--
OBTUSAQUINONE	--
3,5'-DIALLYL-2'-HYDROXY-4-METHOXYBIPHENYL-ETHER	--
CUMINALDEHYDE	--
NORDIHYDROGUAIARETIC-ACID	--
HALLACTONE-A	--
ROTENONE	--
4,4'-DIALLYL-2,3'-DIHYDROXYBIPHENYL-ETHER	--
DI-N-PROPYL-DISULFIDE	--
GRANDIFLORIC-ACID	--
AZETIDINE-2-CARBOXYLIC-ACID	--

Chemical	Dosage
HYMENOLIN	--
SPILANTHOL	--
ALLICIN	--
DIALLYL-TRISULFIDE	--
BETA-PELTATIN-A-METHYL-ETHER	--
MACLUROXANTHONE	--