

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

Chemical	Dosage
(5E)-OCIMENONE	--
2-FURALDEHYDE	1 ppm
3,5'-DIALLYL-2'-HYDROXY-4-METHOXYBIPHENYL-ETHER	--
4,4'-DIALLYL-2,3'-DIHYDROXYBIPHENYL	--
4,4'-DIALLYL-2,3'-DIHYDROXYBIPHENYL-ETHER	--
4-BUTOXYMETHYLPHENOL	--
6-GINGEROL	LD90=62 ug/ml
6-SHOGAOL	LD90=62 ug/ml
ABSINTHIN	--
ALLICIN	--
ALPHA-TERTHIENYL	--
ALPHA-THUJONE	--
ALVAXANTHONE	--
ANNONACIN	IC50=10 ppm
ARISTOLOCHIC-ACID	1 ppm
ASIMICIN	LD100=1 ppm
AZETIDINE-2-CARBOXYLIC-ACID	--
BENZENE	--
BERBERASTINE	9 ppm
BERBERINE	9 ppm
BETA-AMYRIN	--
BETA-ASARONE	16 ppm
BETA-PELTATIN-A-METHYL-ETHER	--
BULLATACIN	ED80=10 ppm
CARYOPHYLLENE	--
CARYOPHYLLENE-EPOXIDE	IC60=5 mM
CUMINALDEHYDE	--

Chemical	Dosage
DESOXYPODOPHYLLOTOXIN	--
DI-N-PROPYL-DISULFIDE	--
DIALLYL-DISULFIDE	--
DIALLYL-TRISULFIDE	--
DIBENZOFURAN	--
ELEMICIN	100 ppm
EUGENOL	--
GENTIOPICRIN	1,300-2,00 mg/man
GOSSYPOL	--
GRANDIFLORIC-ACID	--
HALLACTONE-A	--
HALLACTONE-B	--
HYMENOLIN	--
HYPERICIN	--
ISOELEMICIN	100 ppm
LINALOOL	LC50=156-194 mg/l
MACLUROXANTHONE	--
MAGNOLOL	--
MENTHONE	LC50=156-194 mg/l
MYRISTICIN	25 ppm
NEOANNONIN	62-70 ppm diet
NORDIHYDROGUAIARETIC-ACID	--
OBTUSAQUINONE	--
PODOPHYLLOTOXIN	5 ppm
ROTENONE	--
SINIGRIN	--
SPIANTHOL	--

Chemical	Dosage
SQUAMOCIN	62-70 ppm diet
SURANGIN-B	0.05 u/ml
TERPINEOL	LC50=156-194 mg/l
THYMOL	10 ppm
THYMOL	58 ppm
THYMOL	LC50=36-49 mg/l