

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 |