

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for Insect-Repellent

| Plants with Activity Synergy | Chemical Count | Total PPM |
|---------------------------------|----------------|-----------|
| <i>Abies sachalinensis</i> | 1 | 7560.0 |
| <i>Achillea moschata</i> | 1 | 3708.0 |
| <i>Achillea millefolium</i> | 2 | 5210.0 |
| <i>Acinos suaveolens</i> | 1 | |
| <i>Acinos alpinus</i> | 2 | |
| <i>Acorus calamus</i> | 2 | |
| <i>Aframomum melegueta</i> | 1 | |
| <i>Ageratum conyzoides</i> | 1 | |
| <i>Aloysia citrodora</i> | 1 | |
| <i>Alpinia officinarum</i> | 1 | |
| <i>Alpinia galanga</i> | 2 | |
| <i>Amomum xanthioides</i> | 1 | |
| <i>Amomum compactum</i> | 2 | |
| <i>Anethum graveolens</i> | 1 | |
| <i>Angelica archangelica</i> | 1 | |
| <i>Annona squamosa</i> | 2 | |
| <i>Aristolochia serpentaria</i> | 1 | |
| <i>Artemisia vulgaris</i> | 2 | |
| <i>Artemisia salsoloides</i> | 3 | |
| <i>Artemisia herba-alba</i> | 2 | 2184.0 |
| <i>Artemisia dracuncululus</i> | 1 | 400.0 |
| <i>Artemisia annua</i> | 2 | 15180.0 |
| <i>Calamintha nepeta</i> | 2 | |
| <i>Callicarpa americana</i> | 1 | |
| <i>Cannabis sativa</i> | 3 | |
| <i>Capsicum frutescens</i> | 1 | |
| <i>Cedrus libani</i> | 1 | |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Chamaemelum nobile | 1 | |
| Chrysanthemum x morifolium | 2 | |
| Chrysanthemum parthenium | 2 | |
| Chrysanthemum balsamita | 1 | |
| Cinnamomum verum | 2 | 16.0 |
| Cinnamomum camphora | 2 | 440580.0 |
| Cistus ladaniferus | 1 | 3360.0 |
| Citrus aurantiifolia | 1 | 120.0 |
| Cleonia lusitanica | 2 | |
| Coriandrum sativum | 2 | 2708.0 |
| Coridothymus capitatus | 1 | |
| Crocus sativus | 2 | |
| Croton lechleri | 1 | |
| Croton eluteria | 1 | |
| Curcuma xanthorrhiza | 1 | |
| Curcuma longa | 2 | |
| Cymbopogon nardus | 1 | 120.0 |
| Cymbopogon flexuosus | 1 | 3000.0 |
| Daucus carota | 2 | |
| Diospyros virginiana | 1 | |
| Echinacea spp | 1 | |
| Echinacea purpurea | 1 | |
| Echinacea pallida | 1 | |
| Echinacea angustifolia | 1 | |
| Elettaria cardamomum | 2 | 16040.0 |
| Elsholtzia densa | 1 | |
| Elsholtzia cristata | 1 | |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|--------------------------------|----------------|-----------|
| <i>Elsholtzia blanda</i> | 1 | |
| <i>Eucalyptus viridis</i> | 1 | |
| <i>Eucalyptus tereticornis</i> | 1 | |
| <i>Eucalyptus sparsa</i> | 1 | |
| <i>Eucalyptus sideroxylon</i> | 1 | |
| <i>Eucalyptus siderophloia</i> | 1 | |
| <i>Eucalyptus saligna</i> | 1 | |
| <i>Eucalyptus punctata</i> | 1 | |
| <i>Eucalyptus porosa</i> | 1 | |
| <i>Eucalyptus populnea</i> | 1 | |
| <i>Eucalyptus polyanthemos</i> | 1 | |
| <i>Eucalyptus paniculata</i> | 1 | |
| <i>Eucalyptus oviformis</i> | 1 | |
| <i>Eucalyptus odorata</i> | 1 | |
| <i>Eucalyptus ochrophloia</i> | 1 | |
| <i>Eucalyptus occidentalis</i> | 1 | |
| <i>Eucalyptus moluccana</i> | 1 | |
| <i>Eucalyptus melliodora</i> | 1 | |
| <i>Eucalyptus melanophloia</i> | 1 | |
| <i>Eucalyptus maideni</i> | 1 | |
| <i>Eucalyptus maculata</i> | 1 | |
| <i>Eucalyptus leucoxydon</i> | 1 | |
| <i>Eucalyptus largisparsa</i> | 1 | |
| <i>Eucalyptus lansdowneana</i> | 1 | |
| <i>Eucalyptus intertexta</i> | 1 | |
| <i>Eucalyptus globulus</i> | 1 | |
| <i>Eucalyptus fasciculosa</i> | 1 | |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|---------------------------------|----------------|-----------|
| <i>Eucalyptus diversicolor</i> | 1 | |
| <i>Eucalyptus desquamata</i> | 1 | |
| <i>Eucalyptus dealbata</i> | 1 | |
| <i>Eucalyptus cuprea</i> | 1 | |
| <i>Eucalyptus cladocalyx</i> | 1 | |
| <i>Eucalyptus citriodora</i> | 1 | |
| <i>Eucalyptus camaldulensis</i> | 1 | |
| <i>Eucalyptus brassiana</i> | 1 | |
| <i>Eucalyptus botryoides</i> | 1 | |
| <i>Eucalyptus bosistoana</i> | 1 | |
| <i>Eucalyptus blakelyi</i> | 1 | |
| <i>Eucalyptus behriana</i> | 1 | |
| <i>Eucalyptus astringens</i> | 1 | |
| <i>Eucalyptus albens</i> | 1 | |
| <i>Eupatorium triplinerve</i> | 1 | |
| <i>Ferula gummosa</i> | 1 | |
| <i>Foeniculum vulgare</i> | 1 | 360.0 |
| <i>Gardenia jasminoides</i> | 1 | |
| <i>Glechoma hederacea</i> | 1 | 10.0 |
| <i>Glycyrrhiza glabra</i> | 1 | |
| <i>Hedeoma reverchonii</i> | 2 | 5118.0 |
| <i>Hedeoma hispida</i> | 1 | 428.0 |
| <i>Hedeoma drummondii</i> | 2 | 9172.0 |
| <i>Helianthus annuus</i> | 2 | |
| <i>Hypericum perforatum</i> | 1 | |
| <i>Hyptis suaveolens</i> | 2 | |
| <i>Hyssopus officinalis</i> | 2 | 9048.0 |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------------------------|----------------|-----------|
| <i>Juniperus communis</i> | 2 | 14.0 |
| <i>Kaempferia galanga</i> | 1 | |
| <i>Lantana camara</i> | 1 | |
| <i>Larrea tridentata</i> | 2 | |
| <i>Laurus nobilis</i> | 2 | |
| <i>Lavandula x intermedia</i> | 2 | 3900.0 |
| <i>Lavandula x hybrida</i> | 2 | |
| <i>Lavandula sp</i> | 1 | |
| <i>Lavandula latifolia</i> | 2 | 8118.0 |
| <i>Lavandula angustifolia</i> | 2 | |
| <i>Leonotis leonurus</i> | 1 | |
| <i>Lepechinia calycina</i> | 1 | 1750.0 |
| <i>Levisticum officinale</i> | 2 | 20.0 |
| <i>Lindera benzoin</i> | 1 | |
| <i>Lippia dulcis</i> | 1 | |
| <i>Lippia alba</i> | 1 | |
| <i>Liquidambar styraciflua</i> | 1 | |
| <i>Magnolia kobus</i> | 1 | |
| <i>Magnolia fargesii</i> | 1 | |
| <i>Matricaria recutita</i> | 1 | |
| <i>Melaleuca alternifolia</i> | 1 | |
| <i>Mentha spicata</i> | 1 | |
| <i>Mentha longifolia</i> | 1 | 2500.0 |
| <i>Mentha arvensis</i> var. <i>piperascens</i> | 1 | |
| <i>Micromeria varia</i> | 1 | |
| <i>Micromeria thymifolia</i> | 1 | |
| <i>Micromeria teneriffae</i> | 1 | |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Micromeria myrtifolia | 1 | |
| Micromeria juliana | 1 | |
| Micromeria fruticosa | 1 | |
| Micromeria croatica | 2 | |
| Monarda didyma | 1 | 164.0 |
| Myrtus communis | 2 | 36.0 |
| Nepeta racemosa | 1 | |
| Nepeta cataria | 1 | 160.0 |
| Ocimum tenuiflorum | 2 | |
| Ocimum kilimandscharicum | 1 | |
| Ocimum gratissimum | 2 | |
| Ocimum canum | 1 | |
| Ocimum basilicum | 2 | 62.0 |
| Origanum vulgare | 2 | 584.0 |
| Origanum syriacum | 2 | |
| Origanum sipyleum | 2 | |
| Origanum onites | 2 | 630.0 |
| Origanum majorana | 1 | |
| Origanum creticum | 1 | |
| Peumus boldus | 1 | 300.0 |
| Pimenta racemosa | 1 | |
| Pinus walliciana | 1 | |
| Pinus sylvestris | 1 | |
| Pinus elliottii | 1 | |
| Piper nigrum | 2 | |
| Piper auritum | 2 | |
| Plectranthus coleoides | 1 | |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|-------------------------------------|----------------|-----------|
| <i>Pycnanthemum tenuifolium</i> | 2 | 520.0 |
| <i>Pycnanthemum setosum</i> | 1 | 496.0 |
| <i>Pycnanthemum pycnanthemoides</i> | 2 | 464.0 |
| <i>Pycnanthemum muticum</i> | 1 | 2700.0 |
| <i>Pycnanthemum montanum</i> | 2 | 7808.0 |
| <i>Pycnanthemum incanum</i> | 1 | 114.0 |
| <i>Pycnanthemum clinopodioides</i> | 1 | 88.0 |
| <i>Pycnanthemum beadleii</i> | 1 | 84.0 |
| <i>Rhododendron dauricum</i> | 1 | |
| <i>Rosmarinus x mendizabalii</i> | 2 | |
| <i>Rosmarinus x lavandulaceus</i> | 2 | |
| <i>Rosmarinus tomentosus</i> | 2 | |
| <i>Rosmarinus officinalis</i> | 2 | 20074.0 |
| <i>Rosmarinus eriocalyx</i> | 2 | |
| <i>Salvia triloba</i> | 1 | 10080.0 |
| <i>Salvia sclarea</i> | 1 | |
| <i>Salvia officinalis</i> | 2 | 32648.0 |
| <i>Salvia gilliesii</i> | 1 | |
| <i>Salvia canariensis</i> | 2 | |
| <i>Santalum album</i> | 1 | |
| <i>Sassafras albidum</i> | 1 | |
| <i>Satureja thymbra</i> | 1 | |
| <i>Satureja subspicata</i> | 1 | |
| <i>Satureja obovata</i> | 1 | |
| <i>Satureja montana</i> | 2 | |
| <i>Satureja hortensis</i> | 2 | |
| <i>Satureja douglasii</i> | 2 | 13702.0 |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Satureja cuneifolia | 1 | |
| Sideritis scardica | 1 | |
| Sideritis pauli | 1 | |
| Sideritis athoa | 1 | |
| Stevia rebaudiana | 2 | |
| Tanacetum vulgare | 2 | 3600.0 |
| Tanacetum parthenium | 3 | |
| Teucrium scorodonia | 2 | |
| Teucrium salviastrum | 2 | |
| Teucrium pseudoscorodonia | 2 | |
| Teucrium polium | 2 | |
| Teucrium oxylepis | 2 | |
| Teucrium micropodioides | 1 | |
| Teucrium kotschyanum | 1 | |
| Teucrium gnaphalodes | 1 | |
| Teucrium divaricatum | 1 | |
| Teucrium cyprium | 1 | |
| Teucrium asiaticum | 2 | |
| Thuja occidentalis | 3 | |
| Thymus zygis | 2 | |
| Thymus x citriodorus | 2 | |
| Thymus vulgaris | 2 | 2924.0 |
| Thymus serpyllum | 1 | 1146.0 |
| Thymus saturejoides | 2 | |
| Thymus riatarum | 2 | |
| Thymus orospedanus | 2 | 3186.0 |
| Thymus mastichina | 2 | 1600.0 |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Thymus longicaulis | 1 | |
| Thymus funkii | 2 | |
| Thymus cilicicus | 1 | |
| Thymus capitatus | 2 | 660.0 |
| Thymus broussonettii | 2 | |
| Valeriana officinalis | 2 | |
| Vitex agnus-castus | 1 | |
| Zingiber officinale | 2 | 120.0 |