

Dr. Duke's Phytochemical and Ethnobotanical Database**List of Plant for Acaricide**

Plants	Chemical	Total PPM
Abelmoschus esculentus	1	206
Abies alba	2	2414
Abies balsamea	1	3100
Abies spectabilis	1	
Acacia farnesiana	2	
Acacia nilotica	1	
Achillea millefolium	9	4970
Acinos alpinus	3	
Acinos suaveolens	7	
Aconitum napellus	1	
Acorus calamus	8	3384
Actaea racemosa	1	
Aegle marmelos	1	
Aeolanthus myriantha	2	
Aframomum melegueta	1	
Agastache foeniculum	1	
Agastache nepetoides	1	
Agastache pallidiflora	1	

Plants	Chemical	Total PPM
Agastache rugosa	3	
Agastache urticifolia	2	6020
Agathosma betulina	2	
Agave americana	1	
Ageratum conyzoides	3	
Allium ampeloprasum	1	
Allium cepa	1	20
Allium sativum var. sativum	1	
Allium schoenoprasum	1	
Alocasia macrorrhiza	1	
Aloe vera	1	
Aloysia citrodora	7	2968
Alpinia galanga	5	24000
Alpinia officinarum	4	800
Amomum compactum	2	
Anacardium occidentale	2	6368
Anamirta cocculus	1	
Ananas comosus	2	116
Anethum graveolens	5	154
Angelica archangelica	5	2676

Plants	Chemical	Total PPM
Angelica sinensis	1	
Annona squamosa	1	
Apium graveolens	11	1462002
Arctostaphylos uva-ursi	2	
Armoracia rusticana	1	
Arnica montana	2	
Artemisia absinthium	1	
Artemisia annua	7	13200
Artemisia cina	1	48000
Artemisia dracunculus	5	1000
Artemisia herba-alba	2	
Artemisia salsoloides	3	
Artemisia vulgaris	3	
Asarum canadense	1	
Asiasarum sieboldii	1	
Asimina triloba	1	1.096
Avena sativa	2	800
Averrhoa carambola	1	
Ballota nigra	1	
Barosma betulina	2	

Plants	Chemical	Total PPM
Benincasa hispida	1	68
Beta vulgaris	1	808
Boronia megastigma	2	
Boswellia sacra	1	
Brassica juncea	1	2574
Brassica oleracea var. botrytis l.	1	136
Brassica oleracea var. capitata l.	3	700
Bursera delpechiana	1	720
Byrsonima crassifolia	1	
Calamintha nepeta	6	
Callicarpa americana	6	
Camellia sinensis	6	20000
Cananga odorata	4	
Cannabis sativa	1	
Capparis spinosa	1	
Capsella bursa-pastoris	1	
Capsicum annum	5	2342
Capsicum frutescens	3	
Carica papaya	3	
Carthamus tinctorius	1	0.02

Plants	Chemical	Total PPM
Carum carvi	6	92029
Centella asiatica	3	
Ceratonia siliqua	1	
Chamaemelum nobile	3	
Chelidonium majus	1	
Chenopodium album	1	600000
Chenopodium ambrosioides	1	
Chrysanthemum balsamita	2	
Chrysanthemum parthenium	5	
Chrysanthemum x morifolium	5	
Cicer arietinum	1	48
Cimicifuga racemosa	1	
Cinnamomum aromaticum	9	22450
Cinnamomum camphora	6	6576
Cinnamomum verum	11	83448
Cistus ladaniferus	4	4760
Citrullus colocynthis	2	
Citrus aurantiifolia	8	19920
Citrus aurantium	7	16222
Citrus limon	6	

Plants	Chemical	Total PPM
Citrus mitis	3	
Citrus paradisi	6	
Citrus reticulata	9	21099.1
Citrus sinensis	8	20206.92
Cleonia lusitanica	4	
Cnicus benedictus	2	
Cocos nucifera	1	
Coffea arabica	2	308
Collinsonia canadensis	1	
Colocasia esculenta	1	2668
Commiphora myrrha	4	
Conyza canadensis	1	
Coriandrum sativum	6	7858
Coridothymus capitatus	4	
Crataegus laevigata	1	
Crataegus rhipidophylla	1	
Crocus sativus	5	
Croton eluteria	2	
Croton lechleri	2	
Croton tiglium	1	8000

Plants	Chemical	Total PPM
Cucumis melo	1	
Cucurbita pepo	1	800
Cuminum cyminum	7	25994
Cunila origanoides	5	37996
Curcuma longa	6	10295
Curcuma zedoaria	1	3840
Cymbopogon citratus	4	
Cymbopogon flexuosus	2	
Cymbopogon martinii	1	
Cymbopogon nardus	1	2904
Cymbopogon parkeri	1	1268
Cymbopogon winterianus	2	5044
Cyperus rotundus	1	
Datura stramonium	1	
Daucus carota	6	18032
Dianthus caryophyllus	2	
Dictamnus albus	2	
Dictamnus hispanicus	1	
Digitalis purpurea	1	
Dracocephalum thymiflora	3	344

Plants	Chemical	Total PPM
Drimys winteri	1	
Echinacea spp	1	
Elettaria cardamomum	6	131362
Elsholtzia blanda	3	
Elsholtzia cristata	1	
Elsholtzia eriostachya	1	
Elsholtzia nipponica	1	
Elsholtzia pilosa	4	
Elsholtzia polystachya	5	
Elytrigia repens	2	
Ephedra sinica	4	
Equisetum arvense	1	
Eriodictyon californicum	1	
Eruca sativa	2	
Eucalyptus albens	6	
Eucalyptus angulosa	3	
Eucalyptus astringens	6	
Eucalyptus behriana	3	
Eucalyptus blakelyi	5	
Eucalyptus bosistoana	6	

Plants	Chemical	Total PPM
Eucalyptus botryoides	6	
Eucalyptus brassiana	7	
Eucalyptus bridgesiana	4	
Eucalyptus camaldulensis	6	
Eucalyptus ceratocorys	3	
Eucalyptus citriodora	8	46040
Eucalyptus cladocalyx	6	
Eucalyptus cuprea	3	
Eucalyptus dealbata	6	
Eucalyptus desquamata	3	
Eucalyptus diversicolor	6	
Eucalyptus dolichorhyncha	3	
Eucalyptus erythrandra	3	
Eucalyptus fasciculosa	3	
Eucalyptus forrestiana	3	
Eucalyptus globulus	6	63000
Eucalyptus incrassata	3	
Eucalyptus intertexta	3	
Eucalyptus lansdowneana	3	
Eucalyptus largisparsa	3	

Plants	Chemical	Total PPM
Eucalyptus leucoxydon	3	
Eucalyptus maculata	5	
Eucalyptus maideni	6	
Eucalyptus melanophloia	3	
Eucalyptus melliodora	6	
Eucalyptus moluccana	6	
Eucalyptus nova-anglica	3	
Eucalyptus occidentalis	6	
Eucalyptus ochrophloia	3	
Eucalyptus odorata	3	
Eucalyptus oviformis	6	
Eucalyptus paniculata	2	
Eucalyptus polyanthemos	6	
Eucalyptus populnea	4	
Eucalyptus porosa	3	
Eucalyptus punctata	5	
Eucalyptus saligna	5	
Eucalyptus siderophloia	6	
Eucalyptus sideroxydon	5	
Eucalyptus sp	2	

Plants	Chemical	Total PPM
Eucalyptus sparsa	3	
Eucalyptus stoatei	3	
Eucalyptus tereticornis	5	
Eucalyptus tetraptera	3	
Eucalyptus viridis	3	
Eugenia uniflora	1	
Euodia rutaecarpa	1	
Fagopyrum esculentum	1	222000
Ferula gummosa	2	
Ficus carica	5	
Foeniculum vulgare	6	23996
Fragaria spp	1	
Gardenia jasminoides	2	
Ginkgo biloba	2	
Glechoma hederacea	3	86
Glycine max	2	1540
Glycyrrhiza glabra	4	2
Haematoxylum campechianum	1	
Hedeoma drummondii	4	10116
Hedeoma hispida	1	72

Plants	Chemical	Total PPM
Hedeoma pulegioides	4	2040
Hedeoma reverchonii	3	2648
Hedychium flavum	2	
Helianthus annuus	5	
Helichrysum angustifolium	1	
Hesperis matronalis	3	
Hibiscus sabdariffa	6	
Houttuynia cordata	2	
Humulus lupulus	3	30
Hyacinthus orientalis	4	299
Hypericum perforatum	4	
Hyptis suaveolens	6	10750
Hyssopus officinalis	7	6599
Illicium verum	5	17730
Ipomoea batatas	1	2000
Iris x germanica	1	
Isanthus brachiatus	2	40
Jasminum officinale	3	5454
Juglans regia	1	
Juniperus communis	8	4620

Plants	Chemical	Total PPM
Juniperus sabinia	3	
Juniperus virginiana	2	
Kalanchoe daegrिमontiana	1	
Kalanchoe pinnata	1	
Lactuca sativa	1	272
Lactuca scariola	1	
Lactuca virosa	1	20000
Lantana camara	5	
Laurus nobilis	7	44497
Lavandula angustifolia	3	
Lavandula latifolia	6	7558
Lavandula sp	1	
Lavandula x hybrida	4	
Lavandula x intermedia	5	2530
Ledum palustre	1	
Lens culinaris	1	424
Leonotis leonurus	3	
Leonurus cardiaca	1	4
Lepechinia calycina	5	2400
Levisticum officinale	8	3310

Plants	Chemical	Total PPM
Ligustrum japonicum	1	
Lindera benzoin	4	
Lippia alba	2	
Lippia graveolens	1	
Litsea glaucescens	4	
Lonicera japonica	2	
Lupinus albus	1	
Lycopersicon esculentum	4	526
Lycopus uniflorus	1	348
Lycopus virginicus	2	88
Magnolia denudata	4	
Magnolia fargesii	1	
Magnolia kobus	1	
Malus domestica	4	
Mangifera indica	2	600
Manihot esculenta	1	342
Marrubium vulgare	1	
Medicago sativa	1	
Melaleuca alternifolia	5	
Melaleuca bracteata	2	

Plants	Chemical	Total PPM
Melaleuca cajuputi	3	
Melaleuca leucadendra	1	
Melaleuca linariifolia	1	
Melaleuca sp	1	
Melaleuca viridiflora	1	
Melia azedarach	2	
Melissa officinalis	6	2918
Mentha aquatica	6	1852
Mentha arvensis var. piperascens	6	99360
Mentha longifolia	9	32490
Mentha pulegium	8	17796
Mentha sp	2	
Mentha spicata	9	61476
Mentha x piperita	6	17800
Mentha x rotundifolia	2	1000
Menyanthes trifoliata	1	
Micromeria congesta	7	
Micromeria croatica	3	
Micromeria fruticosa	7	
Micromeria juliana	5	

Plants	Chemical	Total PPM
Micromeria myrtifolia	7	
Micromeria teneriffae	4	
Micromeria thymifolia	5	
Micromeria varia	3	
Minthostachys mollis	2	
Moldavica thymiflora	3	
Momordica charantia	1	10
Monarda citriodora	5	18140
Monarda clinopodia	3	3620
Monarda didyma	5	11514
Monarda fistulosa	5	82030
Monarda lindheimeri	3	1196
Monarda media	4	8346
Monarda punctata	5	89442
Monarda russeliana	3	4362
Morinda citrifolia	2	
Moringa oleifera	1	
Morus alba	2	
Murraya koenigii	5	
Murraya sp	1	10480

Plants	Chemical	Total PPM
Musa x paradisiaca	2	10480
Myrciaria dubia	2	
Myrica cerifera	3	
Myristica fragrans	7	36960
Myroxylon balsamum	3	
Myrrhis odorata	1	
Myrtus communis	6	5856
Narcissus tazetta	2	2230
Nepeta cataria	3	
Nepeta racemosa	5	
Nicotiana tabacum	4	
Nigella sativa	1	
Ocimum basilicum	9	22193
Ocimum canum	2	
Ocimum gratissimum	7	
Ocimum kilimandscharicum	3	
Ocimum sanctum	1	
Ocimum sp	1	
Ocimum suave	1	
Ocimum tenuiflorum	4	

Plants	Chemical	Total PPM
Oenanthe javanica	1	
Opuntia ficus-indica	1	
Origanum majorana	5	7845
Origanum minutiflorum	6	
Origanum onites	6	726
Origanum sipyleum	6	
Origanum syriacum	4	
Origanum vulgare	8	14460
Oryza sativa	1	92
Pachyrhizus erosus	2	20000
Panax ginseng	1	
Panax quinquefolius	1	
Papaver somniferum	1	32400
Parthenocissus quinquefolia	1	
Passiflora incarnata	1	
Pastinaca sativa	4	410
Pavonia odorata	1	
Pelargonium citrosum	3	
Pelargonium roseum	2	
Perilla frutescens	3	1650

Plants	Chemical	Total PPM
Petroselinum crispum	6	5213.679999999999
Peumus boldus	8	81259
Phaseolus vulgaris	1	624
Phoenix dactylifera	1	
Phyllanthus niruri	1	
Physalis ixocarpa	1	1072
Pilocarpus jaborandi	1	4700
Pilocarpus microphyllus	1	100
Pimenta dioica	7	92549
Pimenta racemosa	6	56040
Pimpinella anisum	3	918
Pinus sylvestris	5	
Piper auritum	6	
Piper betel	2	35700
Piper cubeba	5	2800
Piper methysticum	1	
Piper nigrum	9	68000
Piscidia piscipula	1	
Pistacia lentiscus	1	
Pisum sativum	1	120

Plants	Chemical	Total PPM
Plantago psyllium	1	
Plectranthus amboinicus	1	
Plectranthus incanus	1	
Pogostemon cablin	3	
Polianthes tuberosa	2	
Polygonum hydropiper	1	
Polygonum hydropiperoides	1	
Porophyllum ruderale	3	
Portulaca oleracea	1	33580
Prunella vulgaris	2	
Prunus armeniaca	1	
Prunus cerasus	1	
Prunus dulcis	2	8146
Prunus persica	3	20
Psidium guajava	2	280
Psoralea corylifolia	2	
Ptychopetalum olacoides	1	
Punica granatum	1	280
Pycnanthemum albescens	3	16524
Pycnanthemum beadleii	3	2002

Plants	Chemical	Total PPM
Pycnanthemum californicum	3	1440
Pycnanthemum clinopodioides	3	47388
Pycnanthemum curvipes	1	4646
Pycnanthemum incanum	3	22838
Pycnanthemum loomisii	4	58296
Pycnanthemum montanum	3	3552
Pycnanthemum muticum	3	24500
Pycnanthemum nudum	1	46696
Pycnanthemum pilosum	3	33320
Pycnanthemum pycnanthemoides	3	52316
Pycnanthemum setosum	4	31434
Pycnanthemum tenuifolium	4	27080
Pycnanthemum torreyi	3	16340
Pycnanthemum verticillatum	3	9870
Pycnanthemum virginianum	4	59856
Raphanus sativus	1	184
Ravensara aromatica	6	
Rheum officinale	1	
Rheum rhabarbarum	1	48720
Ribes nigrum	6	414

Plants	Chemical	Total PPM
Ribes rubrum	1	
Ribes uva-crispa	2	
Rosa gallica	1	8
Rosmarinus eriocalyx	4	
Rosmarinus officinalis	7	21605
Rosmarinus tomentosus	4	
Rosmarinus x lavandulaceus	4	
Rosmarinus x mendizabalii	4	
Rubus fruticosus	1	
Rubus idaeus	1	
Rumex acetosa	1	6000
Rumex acetosella	1	
Rumex crispus	1	
Ruta graveolens	1	
Salvia canariensis	2	
Salvia dorisiana	5	
Salvia gilliesii	1	
Salvia officinalis	7	17728
Salvia sclarea	3	66
Salvia triloba	2	38580

Plants	Chemical	Total PPM
Sambucus nigra	1	
Santalum album	1	
Santolina chamaecyparissus	1	
Sassafras albidum	6	
Satureja cilicica	5	
Satureja cuneifolia	5	
Satureja douglasii	6	7410
Satureja glabella	2	660
Satureja grandiflora	2	
Satureja hortensis	6	
Satureja montana	6	25737
Satureja obovata	4	
Satureja odora	3	
Satureja parvifolia	4	
Satureja subspicata	5	
Satureja thymbra	4	
Schinus molle	1	
Scutellaria galericulata	2	150
Scutellaria lateriflora	1	
Sechium edule	1	680

Plants	Chemical	Total PPM
Sesamum indicum	1	
Sideritis athoa	3	
Sideritis germanicolpitana	4	
Sideritis mugronensis	4	
Sideritis pauli	5	
Sideritis scardica	2	
Sinapis alba	1	
Skimmia arborescens	1	
Solanum melongena	1	582
Solanum tuberosum	1	300
Sophora pachycarpa	1	
Spinacia oleracea	1	100480
Stachys germanica	2	132
Stellaria media	1	
Stevia rebaudiana	7	
Syzygium aromaticum	6	461402
Syzygium cumini	1	
Tagetes erecta	1	86
Tagetes lucida	4	
Tagetes minuta	1	250

Plants	Chemical	Total PPM
Tamarindus indica	3	3920
Tanacetum parthenium	5	
Tanacetum vulgare	3	3000
Taraxacum officinale	1	
Taxus baccata	1	
Telosma cordata	2	
Tephrosia candida	1	7000
Tephrosia purpurea	1	14000
Tephrosia virginiana	1	
Tephrosia vogelii	1	
Terminalia arjuna	1	
Terminalia bellirica	1	
Terminalia catappa	1	
Terminalia chebula	1	
Teucrium arduini	4	
Teucrium asiaticum	5	
Teucrium cyprium	6	
Teucrium divaricatum	6	
Teucrium gnaphalodes	6	
Teucrium kotschyanum	6	

Plants	Chemical	Total PPM
Teucrium micropodioides	6	
Teucrium oxylepis	5	
Teucrium polium	6	
Teucrium pseudoscorodonia	5	
Teucrium salviastrum	5	
Teucrium scorodonia	5	
Theobroma cacao	3	10000
Thuja occidentalis	2	
Thymus broussonettii	4	
Thymus capitatus	6	3320
Thymus cilicicus	5	
Thymus funkii	7	
Thymus longicaulis	4	
Thymus mastichina	5	16062
Thymus orospedanus	3	10676
Thymus riatarum	5	
Thymus saturejoides	4	
Thymus serpyllum	5	7946
Thymus vulgaris	7	69520
Thymus x citriodorus	5	

Plants	Chemical	Total PPM
Thymus zygis	5	
Tilia sp.	2	
Trachyspermum ammi	3	84400
Trichosanthes anguina	1	680
Trichostemma dichotomum	3	
Trifolium pratense	5	
Trigonella foenum-graecum	1	
Triticum aestivum	1	222
Tropaeolum majus	1	
Tulipa gesneriana	1	
Turnera diffusa	2	2200
Umbellularia californica	6	23200
Urtica dioica	2	
Vaccinium corymbosum	4	0.04
Vaccinium macrocarpon	3	
Vaccinium myrtillus	5	
Valeriana jatamansi	1	
Valeriana officinalis	6	
Vanilla planifolia	5	
Verbascum thapsus	1	

Plants	Chemical	Total PPM
Vetiveria zizanioides	3	
Viburnum opulus	1	
Viburnum prunifolium	2	
Vicia faba	1	140
Vigna mungo	1	556
Viola odorata	1	714
Vitex agnus-castus	4	
Vitis vinifera	5	68
Zanthoxylum alatum	1	
Zea mays	6	198
Zingiber officinale	8	19070