

A Ascaricide

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	# Chemicals	Total PPM
Acacia farnesiana Huisache; Popinac; Opopanax; Sweet Acacia; Cassie	1	
Achillea millefolium Yarrow; Milfoil	1	
Aeolanthus myriantha Ninde	1	
Agrimonia eupatoria Agrimony; Sticklewort	1	
Allium sativum var. sativum Garlic	2	
Allium cepa Onion; Shallot	1	516.0
Aloysia citrodora Lemon Verbena	1	840.0
Althaea officinalis White Mallow; Marshmallow	1	
Anethum graveolens Dill; Garden Dill	1	308.0
Arachis hypogaea Peanut; Groundnut	1	86.0
Arctostaphylos uva-ursi Uva Ursi; Bearberry	1	
Areca catechu Betel Nut; Pin-Lang	1	2000.0
Armoracia rusticana Horseradish	1	90.0
Artemisia maritima Sea Wormwood	1	4000.0
Artemisia herba-alba Desert Wormwood	1	
Artemisia dracunculus Tarragon	2	36.0
Artemisia annua Sweet Annie; Annual Mugwort (GRIN); Qinghao; Annual Wormwood (GRIN); Sweet Wormwood (GRIN)	1	
Artemisia absinthium Wormwood	1	
Asarum canadense Wild Ginger	1	
Asimina triloba Pawpaw	1	2.61
Aspalathus linearis Rooibos; Red Bush Tea; Kaffree Tea	1	
Avena sativa Oats	1	
Beta vulgaris Beet; Garden Beet; Beetroot; Sugar Beet	1	
Boswellia serrata Kundur Luban; Salai; Indian Olibanum-Tree; Salai Guggal; Salaki; Indian Frankincense	1	
Brassica oleracea var. italica Asparagus Broccoli; Sprouting Broccoli; Purple Cauliflower; Calabrese; Broccoli; Winter Broccoli; Cape Broccoli; Heading Broccoli	1	
Brassica oleracea var. botrytis l. Cauliflower	1	
Brassica nigra Black Mustard	1	
Bursera delpechiana Linaloe; Linaloe	1	2400.0
Calendula officinalis Pot-Marigold; Calendula	1	
Camellia sinensis Tea	1	7492.0
Cananga odorata Ylang-Ylang; Cananga	1	
Carica papaya Papaya	1	188000.0
Catalpa ovata Kisasage; Hsin-Pa-Pi	1	
Centaurea cyanus Cornflower; Bachelor's Button	1	
Centaurium erythraea Centaury	1	
Centella asiatica Pennywort; Gotu Kola	1	
Chenopodium ambrosioides Wormseed; Epazote	2	
Chenopodium album Lambsquarter	1	

Plant	# Chemicals	Total PPM
<i>Cichorium intybus</i> Succory; Witloof; Chicory	1	1.0
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	1	48.0
<i>Cinnamomum camphora</i> Ho Leaf; Camphor	1	
<i>Cistus ladaniferus</i> Ambreine; Gum Cistus; Labdanum; Rockrose	1	2380.0
<i>Citrullus lanatus</i> Watermelon	1	
<i>Citrus sinensis</i> Orange	1	51.0
<i>Citrus reticulata</i> Mandarin; Tangerine	1	4.1
<i>Citrus paradisi</i> Grapefruit	1	
<i>Citrus limon</i> Lemon	1	
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	1	700.0
<i>Cocos nucifera</i> Kokospalme (Ger.); Cocotero (Sp.); Coconut; Nariyal; Coconut Palm; Copra	1	
<i>Conyza canadensis</i> Hogweed; Horseweed; Butterweed	1	
<i>Coriandrum sativum</i> Cilantro; Coriander; Chinese Parsley	2	3498.0
<i>Corylus americana</i> American Filbert; American Hazel	1	
<i>Crocus sativus</i> Saffron	1	
<i>Curcuma longa</i> Turmeric; Indian Saffron	1	
<i>Cymbopogon winterianus</i> Mahapengiri; Java Citronella	1	6300.0
<i>Cymbopogon parkeri</i> Skhabar	1	14948.0
<i>Cymbopogon nardus</i> Citronella; Ceylon Citronella	1	9588.0
<i>Cymbopogon martinii</i> Palmarosa; Rosha Grass	1	9500.0
<i>Cymbopogon flexuosus</i> East Indian Lemongrass	1	5000.0
<i>Cymbopogon citratus</i> West Indian Lemongrass; Lemongrass	1	72.0
<i>Daucus carota</i> Carrot	2	32480.0
<i>Elaeagnus pungens</i> Thorny Silver Berry	1	
<i>Elettaria cardamomum</i> Cardamom	2	280.0
<i>Eleutherococcus senticosus</i> Spiny Ginseng; Eleuthero Ginseng; Ci wu jia (Pinyin); Siberian Ginseng; Wu jia	1	
<i>Elsholtzia polystachya</i> Bush Mint	1	
<i>Elsholtzia nipponica</i> Hsiang Ju	1	
<i>Elsholtzia eriostachya</i> 'Dwarf' Bush Mint	1	
<i>Elsholtzia densa</i>	1	
<i>Elsholtzia blanda</i> Bantulsi; Bantaluki	1	
<i>Equisetum arvense</i> Field Horsetail; Horsetail	1	
<i>Eucalyptus viridis</i>	1	
<i>Eucalyptus tetraptera</i>	1	
<i>Eucalyptus stoatei</i>	1	
<i>Eucalyptus sparsa</i>	1	
<i>Eucalyptus porosa</i>	1	
<i>Eucalyptus populnea</i>	1	
<i>Eucalyptus odorata</i>	1	
<i>Eucalyptus ochrophloia</i>	1	
<i>Eucalyptus melanophloia</i>	1	
<i>Eucalyptus leucoxylon</i>	1	

Plant	# Chemicals	Total PPM
<i>Eucalyptus largisparsa</i>	1	
<i>Eucalyptus lansdowneana</i>	1	
<i>Eucalyptus intertexta</i>	1	
<i>Eucalyptus incrassata</i>	1	
<i>Eucalyptus forrestiana</i>	1	
<i>Eucalyptus fasciculosa</i>	1	
<i>Eucalyptus erythrandra</i>	1	
<i>Eucalyptus dolichorhyncha</i>	1	
<i>Eucalyptus desquamata</i>	1	
<i>Eucalyptus cuprea</i>	1	
<i>Eucalyptus citriodora</i> Lemon Eucalyptus; Spotted Gum; Citron-Scented Gum; Lemon-Scented Gum	1	2000.0
<i>Eucalyptus ceratocorys</i>	1	
<i>Eucalyptus behriana</i>	1	
<i>Eucalyptus angulosa</i>	1	
<i>Euphrasia officinalis</i> Eyebright	1	
<i>Fagopyrum esculentum</i> Buckwheat	1	
<i>Ferula sumbul</i> Sumbul	1	
<i>Ficus carica</i> Figuiier Commun (Fr.); Figueira (Port.); Fig; Higo (Sp.); Higuera Comun (Sp.); Echte Feige (Ger.); Fico (Ital.); Feigenbaum (Ger.)	1	
<i>Foeniculum vulgare</i> Fennel	1	
<i>Fragaria</i> spp Strawberry	1	50.0
<i>Gaultheria procumbens</i> Wintergreen; Wintergrun (Ger.); Checkerberry; Mountain Tea; Creeping Wintergreen; Teaberry	1	
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	1	
<i>Glycine max</i> Soybean	1	8.0
<i>Glycyrrhiza glabra</i> Licorice; Smooth Licorice; Licorice-Root; Commom Licorice	1	
<i>Hedeoma pulegioides</i> American Pennyroyal	1	
<i>Holarrhena pubescens</i> Conessi; Kurchi; Zhi Xie Mu; Tellicherry Bark	1	
<i>Hordeum vulgare</i> Barley; Barleygrass	1	
<i>Humulus lupulus</i> Hops	1	
<i>Huperzia</i> spp Cutleaf Clubmoss	1	
<i>Hyacinthus orientalis</i> Hyacinth	1	1.38
<i>Hypericum perforatum</i> St. John's-wort; Common St. Johnswort; Hypericum; Goatweed; Klamath Weed	2	
<i>Hyssopus officinalis</i> Hyssop	1	16.0
<i>Inonotus obliquus</i>	1	
<i>Iris x germanica</i> Orris	1	
<i>Jasminum officinale</i> Poet's Jessamine; Jasmine	1	760.0
<i>Juglans nigra</i> Black Walnut	1	
<i>Juniperus sabina</i> Sabine	1	
<i>Juniperus communis</i> Juniper; Common Juniper	1	
<i>Lantana camara</i> Wild Sage; Lantana	1	
<i>Laurus nobilis</i> Bay Laurel; Grecian Laurel; Bayleaf; Laurel; Bay; Sweet Bay	1	
<i>Lavandula x intermedia</i> Lavandin; Dutch Lavender	1	72.0
<i>Lavandula latifolia</i> Spike Lavender; Broad-Leaved Lavender; Aspic	1	42.0

Plant	# Chemicals	Total PPM
<i>Lavandula angustifolia</i> English Lavender	1	
<i>Levisticum officinale</i> Lovage	1	
<i>Lippia alba</i> White Lippia	1	
<i>Litsea glaucescens</i> Mexican bay	1	
<i>Lonicera japonica</i> Japanese Honeysuckle	1	
<i>Lycium chinense</i> Kaulichai (Malays.); Chinese Boxthorn; Chinesischer Bocksborn (Ger.); Kuko (Jap.); Gou Qi (Chin.); Spina Santa Cinese (Ital.); Chinese Matrimony Vine; Lyciet de Chine (Fr.); Daun Koki (Indones.); Wolfberry; Chinese Wolfberry	1	
<i>Lycopodium selago</i> Clubmoss	1	
<i>Lycopodium clavatum</i> Antler Herb; Clubmoss	1	
<i>Malus domestica</i> Apple	1	
<i>Mangifera indica</i> Mango	1	
<i>Maranta arundinacea</i> Bermuda Arrowroot; Arrowroot	1	
<i>Matricaria recutita</i> German Camomile; Wild Camomile; Annual Camomile	1	
<i>Medicago sativa</i> Alfalfa; Lucerne	1	
<i>Melia azedarach</i> Chinaberry	1	
<i>Melilotus officinalis</i> Yellow Sweetclover	1	
<i>Melissa officinalis</i> Bee Balm; Melissa; Lemonbalm; Balm	1	67.0
<i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint	1	
<i>Mentha longifolia</i> Biblical Mint	1	230.0
<i>Menyanthes trifoliata</i> Bogbean; Buckbean; Water Trefoil; Bog Myrtle; Marsh Trefoil; Marsh Clover	1	
<i>Monarda fistulosa</i> Wild Bergamot	1	58900.0
<i>Monarda didyma</i> Oswego Tea; Beebalm	1	58.0
<i>Musa x paradisiaca</i> Banana; Plantain	1	
<i>Myristica fragrans</i> nogal moscado (Sp.); Mace; Muskatnussbaum (Ger.); nuez moscada (Sp.); Nutmeg	1	
<i>Myrtus communis</i> Myrte (Ger.); Arrayan (Sp.); Mirto (Sp.); Myrtle	1	4.0
<i>Nepeta racemosa</i> Catmint	1	
<i>Nepeta cataria</i> Catnip	1	
<i>Ocimum gratissimum</i> Agbo; Shrubby Basil	1	
<i>Ocimum canum</i> Hoary Basil	1	
<i>Ocimum basilicum</i> Cuban Basil; Sweet Basil; Basil	1	2000.0
<i>Olea europaea</i> Olive	1	
<i>Ononis spinosa</i> Hauhechel (Ger.); Spiny Restharrow; Restharrow	1	
<i>Origanum vulgare</i> Wild Marjoram; Wild Oregano; Pot Marjoram; European Oregano; Common Turkish Oregano; Oregano	2	
<i>Origanum syriacum</i> Za'Atar	1	
<i>Origanum onites</i> Oregano; Pot Marjoram	1	
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	1	
<i>Oryza sativa</i> Rice	1	
<i>Panax quinquefolius</i> American Ginseng; Ginseng	1	66.0
<i>Panax ginseng</i> Chinese Ginseng; Ginseng; Korean Ginseng; Oriental Ginseng	1	
<i>Papaver somniferum</i> Opium Poppy; Poppyseed Poppy	1	
<i>Pelargonium roseum</i> Scented Geranium	1	
<i>Pelargonium graveolens</i> Scented Geranium; Rose Geranium	1	2800.0

Plant	# Chemicals	Total PPM
<i>Petroselinum crispum</i> Parsley	1	2.52
<i>Peumus boldus</i> Boldo	1	
<i>Picrorhiza kurrooa</i> Picrorhiza	1	2000.0
<i>Pimenta racemosa</i> West Indian Bay; Bayrum Tree	1	
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Piper betel</i> Betel Pepper	1	
<i>Pisum sativum</i> Pea	1	
<i>Plantago major</i> Common Plantain	1	
<i>Plumeria acutifolia</i> Frangipani	1	
<i>Polianthes tuberosa</i> Tuberose	1	
<i>Polygonum hydropiperoides</i> Mild Water Pepper	1	
<i>Prunus dulcis</i> Almond	1	
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Prunus armeniaca</i> Apricot	1	
<i>Pteridium aquilinum</i> Bracken Fern; Bracken	1	
<i>Pycnanthemum virginianum</i> Virginia Mountain Mint	1	
<i>Pycnanthemum pycnanthemoides</i> Typical Mountain Mint	1	5684.0
<i>Quisqualis indica</i> Rangoon Creeper	1	
<i>Ravensara aromatica</i> Ravensara	1	
<i>Rheum rhabarbarum</i> Rhubarb	1	8.0
<i>Rhododendron dauricum</i> Chinese Alpenrose	1	
<i>Ribes nigrum</i> Black Currant	1	24.0
<i>Rosa gallica</i> French Rose	1	550.0
<i>Rosa canina</i> Dogbrier; Rose; Dog Rose	1	
<i>Rosmarinus officinalis</i> Rosemary	1	
<i>Rubus spectabilis</i> Salmonberry	1	
<i>Rubus parviflorus</i> Salmonberry; Thimbleberry	1	
<i>Rubus idaeus</i> Raspberry; Red Raspberry	2	
<i>Salvia</i> sp. Chia	1	
<i>Salvia sclarea</i> Clary Sage	1	1470.0
<i>Salvia officinalis</i> Sage	2	
<i>Salvia dorisiana</i> 'Honduran' Sage	1	
<i>Sanguisorba minor</i> Small Burnet	1	
<i>Santalum album</i> White Sandalwood	1	
<i>Santolina chamaecyparissus</i> Lavender Cotton	1	
<i>Satureja obovata</i> Iberian Savory; Savory	1	
<i>Satureja montana</i> Winter Savory; Savory	1	
<i>Satureja hortensis</i> Summer Savory	1	
<i>Satureja cuneifolia</i> Cuneate Turkish Savory	1	
<i>Schoenocaulon officinale</i> Sabadilla	1	
<i>Scutellaria parvula</i> Small Skullcap	1	2.0
<i>Serenoa repens</i> Scrub-Palmetto; Saw Palmetto	1	

Plant	# Chemicals	Total PPM
<i>Sesamum indicum</i> Benneseed; Beni; Sesame; Ajonjoli (Sp.); Sesamo (Sp.)	1	
<i>Sideritis scardica</i> Balkan Sideritis	1	
<i>Skimmia arborescens</i> Skimmia	1	
<i>Solanum tuberosum</i> Potato	1	
<i>Solidago gigantea</i> Early Goldenrod	1	
<i>Stachytarpheta cayennensis</i> Verbena	1	
<i>Stellaria media</i> Chickweed; Common Chickweed	1	
<i>Stevia rebaudiana</i> Ca-A-E; Sweet Leaf of Paraguay; Stevia	1	
<i>Tabebuia impetiginosa</i> Taheebo; Pau d'arco	1	
<i>Tagetes minuta</i> Aztec Marigold; Mexican Marigold; Wild Marigold; Dwarf Marigold; Muster John Henry; Stinking-Roger	1	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Taxus baccata</i> Common Yew	1	
<i>Telosma cordata</i> Merrill flowers	1	
<i>Terminalia chebula</i> Chebulic Myrobalan; Black Myrobalan; Myrobalan; Ink Nut	1	
<i>Theobroma cacao</i> Cacao	1	
<i>Thymus zygis</i> Spanish Thyme	1	
<i>Thymus x citriodorus</i> Funk's thyme; Lemon Thyme	1	
<i>Thymus vulgaris</i> Common Thyme; Garden Thyme; Thyme	2	21320.0
<i>Thymus serpyllum</i> Creeping Thyme	1	
<i>Thymus mastichina</i> Spanish Marjoram	1	40.0
<i>Thymus longicaulis</i> Kekik; Tas Kekik	1	
<i>Thymus funkii</i> Funk's Thyme	1	
<i>Thymus capitatus</i> Spanish Origanum; Spanish Thyme; 'Sicilian' Thyme	1	80.0
<i>Tilia</i> sp. Linden; Basswood; Lime	1	
<i>Trifolium pratense</i> Peavine Clover; Purple Clover; Cowgrass; Red Clover	1	
<i>Triticum aestivum</i> Wheat	1	78.0
<i>Umbellularia californica</i> California Bay	1	80.0
<i>Urtica dioica</i> Stinging Nettle; European Nettle	1	
<i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry	2	
<i>Vaccinium corymbosum</i> Blueberry	2	0.06
<i>Valeriana officinalis</i> Garden-Heliotrope; Common Valerian; Valerian	1	
<i>Vanilla planifolia</i> Vanilla; Bourbon Vanilla	1	
<i>Vinca minor</i> Running-Myrtle; Periwinkle	1	
<i>Vitex agnus-castus</i> Chaste-Tree	1	
<i>Vitis vinifera</i> Vigne Vinifere (Fr.); Weinrebe (Ger.); Wine Grape; Vid (Sp.); Grapevine; Parra (Sp.); Grape; European Grape	2	
<i>Zanthoxylum alatum</i> Indian Prickly Ash; Wartara Oil Tree	1	
<i>Zea mays</i> Corn	2	
<i>Zingiber officinale</i> Ginger	2	690.0