

A Antiprotozoal

*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
<i>Acacia farnesiana</i> Opopanax; Huisache; Sweet Acacia; Popinac; Cassie	1	
<i>Acacia decurrens</i> Green Wattle	1	
<i>Acacia catechu</i> Catechu; Black Cutch	1	
<i>Achillea millefolium</i> Yarrow; Milfoil	1	
<i>Adiantum capillus-veneris</i> Maidenhair Fern	1	
<i>Aesculus hippocastanum</i> Horse Chestnut	1	
<i>Agathosma betulina</i> Mountain Buchu; Buchu; Honey Buchu	1	
<i>Agrimonia eupatoria</i> Sticklewort; Agrimony	1	
<i>Alisma plantago-aquatica</i> Ze-Xie; Tse-Hsieh; Water Plantain; Mud Plantain	1	
<i>Allium sativum</i> var. <i>sativum</i> Garlic	1	
<i>Allium cepa</i> Shallot; Onion	1	
<i>Amaranthus spinosus</i> Spiny pigweed	1	
<i>Amaranthus</i> sp. Pigweed	1	
<i>Ammi visnaga</i> Visnaga	1	
<i>Anastatica hierochuntica</i> Jericho Rose	1	
<i>Anethum graveolens</i> Garden Dill; Dill	1	
<i>Apium graveolens</i> Celery	1	340.0
<i>Arachis hypogaea</i> Peanut; Groundnut	1	
<i>Araucaria bidwillii</i> Monkey puzzle	1	
<i>Artemisia vulgaris</i> Mugwort	1	
<i>Artemisia dracunculus</i> Tarragon	1	1120.0
<i>Artemisia absinthium</i> Wormwood	1	
<i>Artemisia abrotanum</i> Southernwood	1	
<i>Aspalathus linearis</i> Kaffree Tea; Red Bush Tea; Rooibos	1	
<i>Asparagus officinalis</i> Asparagus	1	
<i>Azadirachta indica</i> Neem	1	
<i>Berberis vulgaris</i> Barberry	1	
<i>Brassica oleracea</i> var. <i>italica</i> Sprouting Broccoli; Heading Broccoli; Winter Broccoli; Broccoli; Cape Broccoli; Purple Cauliflower; Calabrese; Asparagus Broccoli	1	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussels-Sprouts; Brussel-Sprout	1	40.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	1	
<i>Caesalpinia pulcherrima</i> Bird Of Paradise	1	
<i>Calendula officinalis</i> Calendula; Pot-Marigold	1	
<i>Camellia sinensis</i> Tea	1	2780.0
<i>Capparis spinosa</i> Caperbush; Caper	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Chili; Red Chili; Cayenne; Spur Pepper; Hot Pepper; Tabasco	1	
<i>Capsicum annuum</i> Cherry Pepper; Sweet Pepper; Cone Pepper; Paprika; Green Pepper; Bell Pepper	1	
<i>Centaurea calcitrapa</i> Star-Thistle	1	

Plant	# Chemicals	Total PPM
<i>Chamaemelum nobile</i> Garden Camomile; Perennial Camomile; Roman Camomile	1	
<i>Cichorium intybus</i> Chicory; Succory; Witloof	1	
<i>Citrullus lanatus</i> Watermelon	1	
<i>Citrus sinensis</i> Orange	1	30200.0
<i>Citrus limon</i> Lemon	1	4.0
<i>Cnicus benedictus</i> Blessed Thistle	1	
<i>Convallaria majalis</i> Lily-Of-The-Valley	1	
<i>Coriandrum sativum</i> Coriander; Cilantro; Chinese Parsley	1	
<i>Cornus mas</i> Cornelian Cherry; Sorbet	1	
<i>Crataegus rhipidophylla</i> Hawthorn	1	
<i>Crataegus pentagyna</i> Hawthorn	1	
<i>Crataegus monogyna</i> English Hawthorn; Hawthorn	1	
<i>Crataegus laevigata</i> English Hawthorn; Whitethorn; Hawthorn; Woodland Hawthorn	1	
<i>Cucumis melo</i> Nutmeg Melon; Cantaloupe; Melon; Persian Melon; Netted Melon; Muskmelon	1	
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	1	
<i>Cynara cardunculus</i> Artichoke	1	
<i>Datura stramonium</i> Jimsonweed	1	
<i>Dictamnus albus</i> Burning Bush; Akgiritotu; Dittany; Gazelotu; Gas Plant	1	
<i>Dodonaea viscosa</i> Hopwood	1	
<i>Echinacea</i> spp Echinacea; Coneflower	1	
<i>Echinacea purpurea</i> Echinacea; Purple-Coneflower; Eastern Purple-Coneflower	1	
<i>Eriobotrya japonica</i> Loquat	1	
<i>Erythroxylum novogranatense</i> Coca	1	10000.0
<i>Erythroxylum coca</i> Coca	1	10000.0
<i>Eschscholzia californica</i> California Poppy	1	55000.0
<i>Eucalyptus macrorrhuncha</i>	1	
<i>Eucalyptus globulus</i> Tasmanian Bluegum; Blue Gum; Eucalypt	1	
<i>Eucalyptus citriodora</i> Lemon Eucalyptus; Lemon-Scented Gum; Spotted Gum; Citron-Scented Gum	1	
<i>Eupatorium perfoliatum</i> Boneset	1	
<i>Euphorbia pulcherrima</i> Poinsettia	1	
<i>Euphrasia officinalis</i> Eyebright	1	
<i>Fagopyrum esculentum</i> Buckwheat	1	468900.0
<i>Fallopia japonica</i> Mexican Bamboo; Japanese Knotweed; Giant Knotweed; Hu-Zhang	1	
<i>Ficus carica</i> Figuiier Commun (Fr.); Feigenbaum (Ger.); Fico (Ital.); Fig; Figueira (Port.); Echte Feige (Ger.); Higo (Sp.); Higuera Comun (Sp.)	1	15300.0
<i>Filipendula ulmaria</i> Queen Of The Meadow; Meadowsweet	1	
<i>Foeniculum vulgare</i> Fennel	1	
<i>Forsythia suspensa</i> Lian-Jiao; Lien-Chiao	1	2000.0
<i>Galega officinalis</i> Galega; Goat's Rue	1	
<i>Ginkgo biloba</i> Maidenhair Tree; Ginkgo	1	
<i>Glechoma hederacea</i> Alehoof	1	
<i>Glycine max</i> Soybean	1	

Plant	# Chemicals	Total PPM
<i>Glycyrrhiza uralensis</i> Gan-Cao; Chinese Licorice; Kan-Tsao	1	
<i>Gossypium</i> sp Cotton	1	
<i>Hedera helix</i> Ivy	1	
<i>Hemidesmus indicus</i> Indian Sarsaparilla	1	
<i>Houttuynia cordata</i> Fishwort; Dokudami; Yu Xing Cao	1	
<i>Humulus lupulus</i> Hops	1	4000.0
<i>Hydrangea paniculata</i> Peegee	1	82000.0
<i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea	1	
<i>Hyoscyamus niger</i> Henbane	1	
<i>Hypericum perforatum</i> Hypericum; Klamath Weed; St. John's-wort; Common St. Johnswort; Goatweed	1	
<i>Ilex paraguariensis</i> Mate; South American Holly; Paraguay Tea	1	
<i>Illicium verum</i> Chinesischer Sternanis (Ger.); anis de China (Sp.); Chinese Star Anise; Sternanis (Ger.); anis estrellado (Sp.); Star Anise	1	
<i>Juniperus communis</i> Common Juniper; Juniper	1	
<i>Laurus nobilis</i> Bayleaf; Sweet Bay; Grecian Laurel; Bay; Laurel; Bay Laurel	1	
<i>Leonurus cardiaca</i> Motherwort	1	
<i>Ligustrum lucidum</i> Glossy Privet; Privet; Ligustri Fructus; White Waxtree; Chinese Privet	1	
<i>Lycium chinense</i> Chinese Matrimony Vine; Chinesischer Bocksdorn (Ger.); Wolfberry; Kuko (Jap.); Chinese Wolfberry; Daun Koki (Indones.); Spina Santa Cinese (Ital.); Kaukichai (Malays.); Chinese Boxthorn; Gou Qi (Chin.); Lyciet de Chine (Fr.)	1	
<i>Lycopersicon esculentum</i> Tomato	1	48000.0
<i>Maclura pomifera</i> Osage-Orange; Hedge Apple	1	
<i>Magnolia kobus</i> Hsin-I; Xin-Yi	1	1000.0
<i>Magnolia denudata</i> Hsin-I; Xin-Yi	1	
<i>Malus domestica</i> Apple	1	
<i>Matricaria recutita</i> Wild Camomile; German Camomile; Annual Camomile	1	
<i>Melia azedarach</i> Chinaberry	1	
<i>Mentha x piperita</i> Peppermint	1	
<i>Menyanthes trifoliata</i> Marsh Trefoil; Buckbean; Bog Myrtle; Marsh Clover; Bogbean; Water Trefoil	1	
<i>Mercurialis annua</i> Annual Mercury	1	
<i>Morinda citrifolia</i> Noni; Indian Mulberry	1	
<i>Morus alba</i> White Mulberry; Sang-Pai-Pi	1	120000.0
<i>Musa x paradisiaca</i> Plantain; Banana	1	
<i>Nasturtium officinale</i> Berro; Watercress	1	
<i>Nelumbo nucifera</i> Water Lotus	1	
<i>Nerium oleander</i> Oleander	1	
<i>Nicotiana tabacum</i> Tobacco	1	20000.0
<i>Nicotiana glauca</i> Tree Tobacco	1	42000.0
<i>Nigella sativa</i> Fennel-Flower; Black Caraway; Roman Coriander; Nutmeg-Flower; Black Cumin	1	
<i>Ocimum basilicum</i> Sweet Basil; Cuban Basil; Basil	1	
<i>Olea europaea</i> Olive	1	
<i>Opuntia ficus-indica</i> Prickly Pear; Nopalito; Nopal; Indian Fig	1	
<i>Origanum vulgare</i> Pot Marjoram; European Oregano; Wild Oregano; Oregano; Common Turkish Oregano; Wild Marjoram	1	
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	1	

Plant	# Chemicals	Total PPM
<i>Passiflora incarnata</i> Manzana de Mayo; Passionflower; Mayapple	1	
<i>Pastinaca sativa</i> Parsnip	1	
<i>Petroselinum crispum</i> Parsley	1	60000.0
<i>Phaseolus vulgaris</i> Pop Bean; Flageolet Bean; Haricot Vert; Black Bean; Field Bean; String Bean; Haricot; Green Bean; Garden Bean; Haricot Bean; Dwarf Bean; Snap Bean; Wax Bean; Popping Bean; French Bean; Kidney Bean; Navy Bean	1	
<i>Phaseolus aborigineus</i>	1	
<i>Phoenix dactylifera</i> Date Palm	1	
<i>Phyllanthus niruri</i> Seed On The Leaf	1	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	1	
<i>Phyllanthus amarus</i>	1	
<i>Physalis peruviana</i> Ground Cherry; Cape Gooseberry	1	
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	
<i>Piper nigrum</i> Pepper; Black Pepper; White Pepper	1	
<i>Plumeria acutifolia</i> Frangipani	1	
<i>Polygonum hydropiper</i> Common Smartweed	1	60000.0
<i>Polygonum aviculare</i> Prostrate Knotweed	1	
<i>Prunella vulgaris</i> Heal-All; Self-Heal	1	
<i>Prunus spinosa</i> Sloe; Blackthorn	1	
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Prunus armeniaca</i> Apricot	1	35400.0
<i>Pteridium aquilinum</i> Bracken Fern; Bracken	1	
<i>Pueraria montana</i> Kudsu; Kudzu	1	
<i>Punica granatum</i> Pomegranate; Romanzeiro (Port.); Granatapfelstrauch (Ger.); Zakuro (Jap.); Granatapfelbaum (Ger.); Granado (Sp.); Grenadier (Fr.); Mangrano (Sp.)	1	
<i>Rheum rhabarbarum</i> Rhubarb	1	12000.0
<i>Rheum officinale</i> Chinese Rhubarb	1	
<i>Ribes nigrum</i> Black Currant	1	
<i>Ricinus communis</i> Castorbean	1	4000.0
<i>Rosa multiflora</i> Multiflora Rose	1	
<i>Rubus idaeus</i> Red Raspberry; Raspberry	1	
<i>Rumex crispus</i> Curly Dock; Lengua De Vaca; Yellow Dock; Sour Dock	1	
<i>Rumex acetosella</i> Sheep Sorrel	1	10600.0
<i>Rumex acetosa</i> Garden Sorrel	1	25600.0
<i>Ruscus aculeatus</i> Butcher's Broom; Box-Holly	1	800.0
<i>Ruta graveolens</i> Rue	1	40000.0
<i>Salix alba</i> White Willow	1	
<i>Sambucus nigra</i> European Elderberry; Black Elder; European Alder; Elder; European Elder	1	18400.0
<i>Sambucus canadensis</i> Elderberry; American Elderberry; American Elder; Sweet Elder	1	73000.0
<i>Scopolia carniolica</i> Scopolia	1	
<i>Selenicereus grandiflorus</i> Queen-of-the-Night; Night-Blooming Cereus	1	
<i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto	1	
<i>Smilax china</i> China Root	1	
<i>Solanum tuberosum</i> Potato	1	

Plant	# Chemicals	Total PPM
<i>Solidago virgaurea</i> European Goldenrod; Woundwort	1	
<i>Solidago gigantea</i> Early Goldenrod	1	
<i>Sophora japonica</i> Japanese Pagoda Tree	1	868000.0
<i>Sorbus aucubaria</i> Rowan Berry	1	
<i>Spinacia oleracea</i> Spinach	1	340.0
<i>Stellaria media</i> Common Chickweed; Chickweed	1	
<i>Stevia rebaudiana</i> Ca-A-E; Sweet Leaf of Paraguay; Stevia	1	
<i>Syringa vulgaris</i> Lilac	1	
<i>Tephrosia purpurea</i> Wild Indigo; Purple Tephrosia	1	
<i>Terminalia chebula</i> Chebulic Myrobalan; Black Myrobalan; Ink Nut; Myrobalan	1	
<i>Teucrium scorodonia</i> Wood Germander; Germander	1	
<i>Teucrium scordium</i> Water Germander	1	
<i>Theobroma cacao</i> Cacao	1	
<i>Tribulus terrestris</i> Puncture-vine	1	
<i>Trigonella foenum-graecum</i> Fenugreek; Greek Clover; Bockshornklee (Ger.); Alholva (Sp.); Greek Hay	1	
<i>Tussilago farfara</i> Coltsfoot	1	7200.0
<i>Uncaria tomentosa</i> Una de Gato; Cat's Claw; Garabato Amarillo	1	
<i>Uncaria guianensis</i> Cat's Claw; Una de Gato; Ungunagi; Garabato Colorado; Tambor Huasca	1	
<i>Urtica dioica</i> Stinging Nettle; European Nettle	1	
<i>Vaccinium myrtillus</i> Whortleberry; Bilberry; Dwarf Bilberry	1	
<i>Vaccinium corymbosum</i> Blueberry	1	
<i>Vigna radiata</i> Green Gram; Mungbean	1	
<i>Viola tricolor</i> Wild Violet; Pansy	1	460000.0
<i>Viola odorata</i> Common Violet; Sweet Violet	1	40000.0
<i>Vitis vinifera</i> Grape; Parra (Sp.); Grapevine; Wine Grape; Vigne Vinifere (Fr.); Weinrebe (Ger.); Vid (Sp.); European Grape	1	
<i>Withania somnifera</i> Ashwagandha	1	
<i>Xylopia aethiopica</i> Pimienta de Guinea (Sp.); Negro Pepper; Guinea Pepper; Maniguete (Sp.); Mohrenpfeffer (Ger.); Ethiopian Pepper; Spice Tree	1	
<i>Zizyphus jujuba</i> Da-Zao; Jujube; Ta-Tsao	1	30000.0