

A Bronchodilator

*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>Abrus precatorius</i> Jequirity; Weathervine; Lucky Bean; Crab's Eye; Coral Beadplant; Precatory Bean; Jequirity Bean; Licorice Vine; Indian Licorice; Love Bean; Minnie-Minnies; Red Beadvine; Prayer Beads; Rosary Pea; Weatherplant	1	
<i>Acacia tortilis</i> Umbrella Thorn	1	
<i>Acacia nilotica</i> Babul	1	
<i>Acacia farnesiana</i> Popinac; Opopanax; Huisache; Cassie; Sweet Acacia	1	
<i>Acacia decurrens</i> Green Wattle	1	
<i>Acacia catechu</i> Catechu; Black Cutch	1	
<i>Achillea millefolium</i> Milfoil; Yarrow	1	
<i>Aconitum napellus</i> Aconite; Bear's-Foot; Helmet Flower; Garden Wolfsbane; European Aconite; Queen's Fettle; Monkshood; Turk's Cap; Soldier's Cap; Friar's Cap; Blue Rocket; Garden Monkshood	1	
<i>Actaea racemosa</i> Black Snakeroot; Black Cohosh	1	
<i>Ailanthus altissima</i> Tree Of Heaven; Stinktree	1	
<i>Ammi visnaga</i> Visnaga	1	20000.0
<i>Ammi majus</i> Bishop's Weed	1	
<i>Anacardium occidentale</i> Cashew	1	
<i>Anisodus tanguticus</i> Zang Qie	3	
<i>Anogeissus latifolia</i> Gum Ghatti	1	
<i>Arbutus unedo</i> Strawberry Tree; Arbutus	1	
<i>Arctium lappa</i> Burdock; Gobo; Great Burdock	1	
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	1	
<i>Areca catechu</i> Betel Nut; Pin-Lang	1	
<i>Arnica montana</i> Leopard's-Bane; Mountain Tobacco	1	
<i>Artemisia dracunculus</i> Tarragon	1	
<i>Aspalathus linearis</i> Rooibos; Red Bush Tea; Kaffree Tea	1	
<i>Atropa bella-donna</i> Belladonna	3	17600.0
<i>Ballota nigra</i> Black Horehound	1	
<i>Brugmansia amesianum</i> Culebra	2	
<i>Brunfelsia uniflorus</i> Manaca	1	
<i>Caesalpinia pulcherrima</i> Bird Of Paradise	1	
<i>Camellia sinensis</i> Tea	3	2208.0
<i>Camellia japonica</i> Japanese Tea; Camelia (Fr., Port.); Rose du Japon (Fr.); Camellia; Common Camellia; Camelia (Sp.); Kamelie (Ger.); Tsubaki (Jap.)	1	
<i>Camptotheca acuminata</i> Happy Tree	1	
<i>Cannabis sativa</i> Marihuana; Hemp; Marijuana; Indian Hemp	1	
<i>Castanea sativa</i> European Chestnut	1	
<i>Catha edulis</i> Khat	1	
<i>Ceratonia siliqua</i> Carob; Locust Bean; St.John's-Bread	1	
<i>Chamaesyce hypericifolia</i> Spurge	1	
<i>Cimicifuga racemosa</i> Black Cohosh; Black Snakeroot	1	
<i>Coffea arabica</i> Coffee	2	38.0

Plant	# Chemicals	Total PPM
<i>Cola acuminata</i> Abata Cola	1	2000.0
<i>Coleus forskohlii</i> Forskohl's Coleus	1	9260.0
<i>Coleus barbatus</i> Forskohl's Coleus	1	9260.0
<i>Conyza canadensis</i> Horseweed; Butterweed; Hogweed	1	
<i>Coriaria thymifolia</i> Shanshi; Ground Toot	1	
<i>Coriaria myrtifolia</i> Mealy Tree	1	
<i>Cornus officinalis</i> Chinese Dogwood	1	
<i>Cornus mas</i> Cornelian Cherry; Sorbet	1	
<i>Cornus florida</i> American Dogwood	1	
<i>Corylus americana</i> American Hazel; American Filbert	1	
<i>Crataegus rhipidophylla</i> Hawthorn	1	
<i>Crataegus laevigata</i> Whitethorn; Woodland Hawthorn; Hawthorn; English Hawthorn	1	
<i>Cyamopsis tetragonoloba</i> Cluster-Bean; Guar; Siam-Bean	1	
<i>Cypripedium pubescens</i> Ladyslipper	1	
<i>Datura stramonium</i> Jimsonweed	3	9080.0
<i>Datura metel</i> Hindu Datura	3	20210.0
<i>Datura innoxia</i> Thorn Apple	3	36680.0
<i>Datura candida</i> Floripondio; Borrachero	3	6600.0
<i>Digitalis purpurea</i> Purple Foxglove	1	
<i>Duboisia myoporoides</i> Pituri; Corkwood Tree	3	
<i>Ephedra</i> spp Ma-Huang	1	
<i>Ephedra sinica</i> Chinese Ephedra; Ma Huang	4	90000.0
<i>Ephedra nevadensis</i> Brigham Tea; Mormon Tea	1	
<i>Ephedra gerardiana</i> Pakistani Ephedra	2	28000.0
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	
<i>Eucalyptus globulus</i> Tasmanian Bluegum; Eucalypt; Blue Gum	1	
<i>Eupatorium perfoliatum</i> Boneset	1	
<i>Euphorbia hirta</i> Queensland Asthma Herb	1	
<i>Euphrasia officinalis</i> Eyebright	1	
<i>Fragaria</i> spp Strawberry	1	242.0
<i>Galega officinalis</i> Galega; Goat's Rue	1	
<i>Gaultheria procumbens</i> Creeping Wintergreen; Teaberry; Mountain Tea; Checkerberry; Wintergreen; Wintergrun (Ger.)	1	
<i>Geranium thunbergii</i> Oriental Geranium; Gennoshiouko	1	
<i>Geranium maculatum</i> Cranesbill	1	
<i>Ginkgo biloba</i> Maidenhair Tree; Ginkgo	4	
<i>Glycine max</i> Soybean	1	5.8
<i>Hamamelis virginiana</i> Witch Hazel	1	108800.0
<i>Hyoscyamus niger</i> Henbane	3	
<i>Hypericum perforatum</i> Klamath Weed; Hypericum; Goatweed; St. John's-wort; Common St. Johnswort	1	
<i>Ilex paraguariensis</i> South American Holly; Mate; Paraguay Tea	2	11000.0
<i>Juglans regia</i> English Walnut	1	
<i>Juglans nigra</i> Black Walnut	1	

Plant	# Chemicals	Total PPM
<i>Juniperus sabina</i> Sabine	1	
<i>Juniperus communis</i> Common Juniper; Juniper	1	
<i>Justicia adhatoda</i> Malabar Nut	2	
<i>Lactuca virosa</i> Bitter Lettuce	1	
<i>Lactuca scariola</i> Prickly Lettuce	1	
<i>Lactuca sativa</i> Lettuce	1	
<i>Lagerstroemia indica</i> Crape Myrtle	1	
<i>Latua pubiflora</i> Latua	2	15300.0
<i>Lawsonia inermis</i> Henna; Mignonette; Mignonette Tree; Jamaica-Mignonette	1	
<i>Lobelia tupa</i> Devil's Tobacco	1	
<i>Lobelia inflata</i> Indian Tobacco; Lobelia	1	45000.0
<i>Lycopus virginicus</i> Bugle	1	
<i>Malus domestica</i> Apple	1	
<i>Mandragora officinarum</i> Mandrake	4	7140.0
<i>Mangifera indica</i> Mango	1	180000.0
<i>Marrubium vulgare</i> Horehound; White Horehound	1	
<i>Melaleuca leucadendra</i> Cajeput	1	
<i>Melilotus officinalis</i> Yellow Sweetclover	1	
<i>Mucuna pruriens</i> Velvetbean; Cowage	1	
<i>Myrica cerifera</i> Bayberry; Southern Bayberry; Candle-Berry; Wax Myrtle	1	
<i>Myrtus communis</i> Myrtle; Myrte (Ger.); Arrayan (Sp.); Mirto (Sp.)	1	
<i>Oenothera biennis</i> Evening-Primrose	1	
<i>Olea europaea</i> Olive	1	
<i>Ononis spinosa</i> Spiny Restharrow; Restharrow; Hauhechel (Ger.)	1	
<i>Origanum vulgare</i> Common Turkish Oregano; Wild Marjoram; Pot Marjoram; Wild Oregano; European Oregano; Oregano	1	
<i>Paeonia lactiflora</i> Bai Shao (Chinese); Chih-Shao; White Peony; Peony; Common Garden Peony	1	
<i>Paullinia cupana</i> Guarana	2	3800.0
<i>Peganum harmala</i> Syrian Rue; Harmel	1	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	1	100000.0
<i>Phyllanthus amarus</i>	1	
<i>Pinellia ternata</i> Pan-Hsia; Ban-Xia	1	
<i>Plectranthus barbatus</i> False Boldo; Forskohl's Coleus; Indian Coleus	1	
<i>Podophyllum peltatum</i> Mayapple	1	
<i>Polygonum multiflorum</i> Fleeceflower; Chinese Cornbind; Fo Ti; Chinese Knotweed; He Shou Wu	1	
<i>Polygonum hydropiperoides</i> Mild Water Pepper	1	
<i>Polygonum hydropiper</i> Common Smartweed	1	
<i>Populus nigra</i> Black Poplar	1	
<i>Prunus serotina</i> Black Cherry; Wild Cherry	1	
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Psidium guajava</i> Guava	1	
<i>Pterocarpus santalinus</i> Red Saunders	1	
<i>Pterocarpus marsupium</i> bijasal; Indian Kino; Malabar Kino	1	

Plant	# Chemicals	Total PPM
<i>Punica granatum</i> Mangrano (Sp.); Pomegranate; Grenadier (Fr.); Granatapfelbaum (Ger.); Zakuro (Jap.); Granado (Sp.); Granatapfelstrauch (Ger.); Romanzeiro (Port.)	1	80000.0
<i>Quassia amara</i> Quassia; Bitterwood	1	
<i>Quercus rubra</i> Northern Red Oak	1	
<i>Quercus robur</i> English Oak	1	
<i>Quercus infectoria</i> Dyer's Oak; Aleppo Oak; Gall Oak	1	80000.0
<i>Quercus alba</i> White Oak	1	
<i>Rheum rhabarbarum</i> Rhubarb	1	106.0
<i>Rheum palmatum</i> Chinese Rhubarb	1	
<i>Rheum officinale</i> Chinese Rhubarb	1	
<i>Rhus coriaria</i> Sumac; Tanner's Sumac; Sicilian Sumac	1	
<i>Rhynchosia minima</i> Burn Mouth Vine	1	
<i>Ricinus communis</i> Castorbean	1	
<i>Rosa multiflora</i> Multiflora Rose	1	
<i>Rosa gallica</i> French Rose	1	
<i>Rosa centifolia</i> Cabbage Rose	1	
<i>Rosa canina</i> Dog Rose; Rose; Dogbrier	1	
<i>Rubus idaeus</i> Red Raspberry; Raspberry	1	
<i>Salvia officinalis</i> Sage	1	
<i>Sanguisorba minor</i> Small Burnet	1	
<i>Schinus molle</i> Mastic-Tree; California Peppertree; Peruvian Peppertree	1	
<i>Scopolia carniolica</i> Scopolia	3	600.0
<i>Sida rhombifolia</i> Broomweed; Teaplant	1	
<i>Solanum tuberosum</i> Potato	1	
<i>Solanum dulcamara</i> Bitter Nightshade; Bittersweet	1	
<i>Sorbus aucubaria</i> Rowan Berry	1	
<i>Syzygium cumini</i> Aceituna Dulce; Jambolan; Java Plum	1	
<i>Syzygium aromaticum</i> Clove; Clovetree	1	
<i>Tagetes lucida</i> Sweet-Scent Mexican Marigold; Sweet-Mace; Anise Marigold; Sweet-Scent Marigold	1	
<i>Taxus</i> sp Yew	1	
<i>Taxus baccata</i> Common Yew	3	
<i>Terminalia pallida</i>	1	
<i>Terminalia chebula</i> Myrobalan; Ink Nut; Black Myrobalan; Chebulic Myrobalan	1	
<i>Terminalia catappa</i> Tropical Almond; Indian Almond; Malabar Almond	1	
<i>Terminalia bellirica</i> Beleric Myrobalan; Bahera; Myrobalan; Belleric; Myrobalan Belleric	1	
<i>Terminalia arjuna</i> Arjun; Arjuna	1	
<i>Theobroma cacao</i> Cacao	2	68500.0
<i>Theobroma bicolor</i> Pataste; Nicaraguan Cacao	2	
<i>Theobroma angustifolium</i> Emerald Cacao; Castarica	2	
<i>Thymus vulgaris</i> Garden Thyme; Common Thyme; Thyme	1	
<i>Tussilago farfara</i> Coltsfoot	1	
<i>Uncaria catechu</i> Gambir; Pale Catechu	1	
<i>Urginea maritima</i> European Squill	1	

Plant	# Chemicals	Total PPM
<i>Urtica dioica</i> Stinging Nettle; European Nettle	1	1
<i>Vaccinium vitis-idaea</i> Lingon; Lingonberry; Cowberry	1	1
<i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry	1	1
<i>Vaccinium corymbosum</i> Blueberry	1	1
<i>Vitis vinifera</i> Grape; Parra (Sp.); Vid (Sp.); European Grape; Wine Grape; Vigne Vinifere (Fr.); Grapevine; Weinrebe (Ger.)	1	1
<i>Zea mays</i> Corn	1	1