

A Cardiotonic

*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
Abutilon theophrasti Velvet Leaf; Abutilon-Hemp; Indian-Mallow; Butterprint	2	
Acacia nilotica Babul	2	
Acacia farnesiana Opopanax; Popinac; Huisache; Sweet Acacia; Cassie	1	
Acacia decurrens Green Wattle	1	
Acacia catechu Black Cutch; Catechu	1	
Achillea millefolium Milfoil; Yarrow	2	
Achyranthes bidentata Chaff Flower	1	
Achyranthes aspera Chaff Flower	1	
Acokanthera schimperi Arrow-Poison Tree	1	14000.0
Aconitum napellus Turk's Cap; Monkshood; Soldier's Cap; European Aconite; Helmet Flower; Garden Monkshood; Queen's Fettle; Bear's-Foot; Blue Rocket; Aconite; Garden Wolfsbane; Friar's Cap	2	
Aconitum carmichaelii Aconite; Fu-Tsu	1	
Adonis vernalis Spring Adonis	4	
Aesculus hippocastanum Horse Chestnut	6	60000.0
Aframomum melegueta Malagettapfeffer (Ger.); Guinea Grains; Grains-of-Paradise; Alligator Pepper; Malagueta (Sp.); Melegueta Pepper	4	
Agastache rugosa	1	
Agastache pallidiflora	1	
Ageratum conyzoides Mexican ageratum	1	
Agrimonia eupatoria Sticklewort; Agrimony	2	12000.0
Akebia quinata Chocolate Vine	1	
Albizia lebecke Siris Tree; Frywood; Koko; East Indian Walnut; Lebbek; Women's-Tongue Tree; Lebbek Tree	2	
Alchornea floribunda Niando	1	
Allium sativum var. sativum Garlic	1	
Allium cepa Shallot; Onion	1	
Aloe vera Aloe; Bitter Aloes	1	
Althaea officinalis Marshmallow; White Mallow	2	
Ammi visnaga Visnaga	1	
Andira inermis Cabbage Bark	1	
Anemarrhena asphodeloides Chih-Mu; Zhi-Mu	1	25600.0
Anethum graveolens Garden Dill; Dill	2	
Anisodus tanguticus Zang Qie	1	
Annona squamosa Sweetsop; Sugar-Apple	1	
Annona reticulata Custard Apple	1	
Annona cherimola Cherimoya	1	
Apium graveolens Celery	2	
Apocynum cannabinum Spreading Dogbane; Bitterroot	2	
Apocynum androsaemifolium Bitterroot; Spreading Dogbane	1	
Arbutus unedo Arbutus; Strawberry Tree	1	
Arctostaphylos uva-ursi Bearberry; Uva Ursi	5	15000.0

Plant	# Chemicals	Total PPM
<i>Ardisia japonica</i> Marlberry	1	
<i>Areca catechu</i> Pin-Lang; Betel Nut	1	
<i>Argemone mexicana</i> Prickly Poppy	2	820.0
<i>Artemisia vulgaris</i> Mugwort	3	
<i>Artemisia dracunculus</i> Tarragon	1	
<i>Artemisia capillaris</i> Capillary Wormwood	1	
<i>Artemisia annua</i> Qinghao; Sweet Wormwood (GRIN); Annual Wormwood (GRIN); Sweet Annie; Annual Mugwort (GRIN)	2	
<i>Artocarpus heterophyllus</i> Jackfruit	1	
<i>Asiasarum heterotropoides</i> Asian Wild Ginger	1	
<i>Aspalathus linearis</i> Kaffree Tea; Rooibos; Red Bush Tea	2	
<i>Asparagus officinalis</i> Asparagus	1	
<i>Aspidosperma quebracho-blanco</i> Quebracho	1	
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	1	
<i>Atropa bella-donna</i> Belladonna	1	17424.0
<i>Avena sativa</i> Oats	1	
<i>Azadirachta indica</i> Neem	1	
<i>Baptisia tinctoria</i> Wild Indigo	1	
<i>Belamcanda chinensis</i> Leopard Lily; Iris Tigre (Fr.); Maravilla (Sp.); Shenan; Leopardenblume (Ger.); Blackberry Lily; Mariposa (Sp.)	1	
<i>Berberis vulgaris</i> Barberry	2	
<i>Betula</i> sp.	1	
<i>Bocconia frutescens</i> Tree Poppy	1	
<i>Brassica oleracea</i> var. <i>italica</i> Asparagus Broccoli; Calabrese; Sprouting Broccoli; Winter Broccoli; Cape Broccoli; Heading Broccoli; Broccoli; Purple Cauliflower	1	
<i>Brassica oleracea</i> var. <i>botrytis</i> l. Cauliflower	1	
<i>Calendula officinalis</i> Pot-Marigold; Calendula	1	
<i>Camellia sinensis</i> Tea	9	634200.0
<i>Camellia japonica</i> Common Camellia; Tsubaki (Jap.); Kamelie (Ger.); Japanese Tea; Camelia (Sp.); Camelia (Fr., Port.); Camellia; Rose du Japon (Fr.)	1	
<i>Cananga odorata</i> Ylang-Ylang; Cananga	1	
<i>Cannabis sativa</i> Indian Hemp; Hemp; Marihuana; Marijuana	1	
<i>Capparis tomentosa</i> African Caper	1	
<i>Capparis spinosa</i> Caperbush; Caper	1	
<i>Capsicum frutescens</i> Hot Pepper; Cayenne; Chili; Red Chili; Spur Pepper; Tabasco	2	35800.0
<i>Capsicum annuum</i> Green Pepper; Cherry Pepper; Bell Pepper; Cone Pepper; Paprika; Sweet Pepper	4	9000.0
<i>Carica papaya</i> Papaya	1	5500.0
<i>Carthamus tinctorius</i> Safflower	1	
<i>Casimiroa edulis</i> Matasano; White sapote	1	
<i>Catalpa bignonioides</i> Indian bean	1	
<i>Catha edulis</i> Khat	1	
<i>Catharanthus roseus</i> Rosy Periwinkle; Madagascar Periwinkle	3	
<i>Catharanthus lanceus</i> Lanceleaf Periwinkle	1	100000.0
<i>Caulophyllum thalictroides</i> Blue Cohosh	2	

Plant	# Chemicals	Total PPM
<i>Centaurium erythraea</i> Centaury	1	
<i>Ceratonia siliqua</i> St.John's-Bread; Locust Bean; Carob	2	
<i>Chelidonium majus</i> Celandine	2	
<i>Chenopodium quinoa</i>	1	
<i>Chenopodium album</i> Lambsquarter	1	
<i>Chimaphila umbellata</i> King's Cure; Pipsisewa	2	
<i>Chrysanthemum x morifolium</i> Florist's Chrysanthemum; Mum; Ju Hua (Pinyin); Chrysanthemum	2	
<i>Chrysanthemum cinerariifolium</i> Pyrethrum	1	
<i>Cichorium intybus</i> Chicory; Witloof; Succory	4	
<i>Cinchona</i> spp Quinine	2	
<i>Cinchona pubescens</i> Red Peruvian-Bark; Red Cinchona; Redbark; Quinine	1	
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	2	
<i>Cinnamomum sieboldii</i> Japanese Cinnamon	3	
<i>Cinnamomum aromaticum</i> Saigon Cinnamon; Chinesischer Zimtbaum (Ger.); Cannelier de Chine (Fr.); Chinese Cinnamon; Chinese Cassia; Kashia-Keihi (Jap.); Cassia Bark; Chinazimt (Ger.); Cannelle de Cochinchine (Fr.); Cassia; China Junk Cassia; Zimtcassie (Ger.); Canelero chino (Sp.); Cannelier Casse (Fr.); Cassia Lignea; Canela de la China (Sp.)	5	
<i>Citrullus colocynthis</i> Colocynth	2	
<i>Citrus sinensis</i> Orange	3	273.20000000000005
<i>Citrus paradisi</i> Grapefruit	1	116.0
<i>Citrus limon</i> Lemon	2	200.0
<i>Citrus aurantium</i> Petitgrain; Bitter Orange	2	2000.0
<i>Cnicus benedictus</i> Blessed Thistle	4	
<i>Coffea arabica</i> Coffee	3	128038.0
<i>Cola acuminata</i> Abata Cola	3	110000.0
<i>Coleus forskohlii</i> Forskohl's Coleus	1	9260.0
<i>Coleus barbatus</i> Forskohl's Coleus	1	9260.0
<i>Commiphora wightii</i> Indian Bdellium-Tree; Guggul	1	
<i>Convallaria majalis</i> Lily-Of-The-Valley	2	
<i>Coptis</i> spp Generic Goldthread	2	180000.0
<i>Coptis japonica</i> Huang-Lien; Huang-Lian; Huang-Lia; Japanese Goldthread	1	140000.0
<i>Coptis chinensis</i> Huang-Lian; Chinese Goldthread; Huang-Lien	1	180000.0
<i>Corchorus olitorius</i> Jew's Mallow; Mulukiya; Nalta Jute	1	
<i>Cornus officinalis</i> Chinese Dogwood	2	
<i>Cornus mas</i> Sorbet; Cornelian Cherry	1	
<i>Cornus florida</i> American Dogwood	1	
<i>Corydalis</i> spp Fumewort	4	
<i>Corylus avellana</i> European Hazel; Hazel; English Filbert; Cobnut; European Filbert	1	
<i>Crataegus rhipidophylla</i> Hawthorn	9	
<i>Crataegus monogyna</i> Hawthorn; English Hawthorn	5	
<i>Crataegus laevigata</i> English Hawthorn; Whitethorn; Hawthorn; Woodland Hawthorn	10	
<i>Crataegus cuneata</i> Hawthorn	1	
<i>Crocus sativus</i> Saffron	1	
<i>Croton lechleri</i> Dragons Blood; Sangre de Grado; Sangre de Drago; Sangre de Dragon	2	

Plant	# Chemicals	Total PPM
<i>Cryptostegia grandifolia</i> Rubber Vine	1	
<i>Cucumis melo</i> Cantaloupe; Melon; Muskmelon; Nutmeg Melon; Netted Melon; Persian Melon	1	
<i>Curcuma longa</i> Turmeric; Indian Saffron	1	
<i>Cuscuta reflexa</i> Amarbel	1	
<i>Cynanchum atratum</i> Pai-Wei; Bai-Wei	1	
<i>Cyperus rotundus</i> Nutsedge	1	
<i>Cytisus scoparius</i> Scotch Broom	1	
<i>Daemonorops draco</i> Dragon's Blood	1	
<i>Datura stramonium</i> Jimsonweed	1	980.0
<i>Datura metel</i> Hindu Datura	1	7120.0
<i>Datura innoxia</i> Thorn Apple	1	19230.0
<i>Datura candida</i> Borrachero; Floripondio	1	
<i>Daucus carota</i> Carrot	2	
<i>Dictamnus albus</i> Dittany; Gas Plant; Burning Bush; Akgiritotu; Gazelotu	1	1000.0
<i>Digitalis purpurea</i> Purple Foxglove	4	24500.0
<i>Digitalis lanata</i> Grecian Foxglove	4	900.0
<i>Dipteryx odorata</i> Dutch Tonka Bean; Tonka Bean	1	70000.0
<i>Duboisia myoporoides</i> Pituri; Corkwood Tree	2	
<i>Duchesnea indica</i> Indian Strawberry; Mock Strawberry; False Strawberry	1	
<i>Elaeagnus pungens</i> Thorny Silver Berry	2	
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	2	
<i>Elaeis guineensis</i> African Oil Palm	1	
<i>Eleutherococcus senticosus</i> Wu jia; Spiny Ginseng; Ci wu jia (Pinyin); Eleuthero Ginseng; Siberian Ginseng	1	
<i>Ephedra sinica</i> Ma Huang; Chinese Ephedra	4	45000.0
<i>Ephedra nevadensis</i> Mormon Tea; Brigham Tea	1	
<i>Ephedra gerardiana</i> Pakistani Ephedra	1	14000.0
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	
<i>Eriobotrya japonica</i> Loquat	2	
<i>Erythrophleum suaveolens</i> Ordeal Tree; Sassy Bark	5	
<i>Erythroxyllum ulei</i>	1	
<i>Erythroxyllum steyermarkii</i> Hayo; Cerecito; Jaillito	1	
<i>Erythroxyllum</i> sp. Wild coca	1	
<i>Erythroxyllum shatoni</i>	1	
<i>Erythroxyllum rotundifolium</i> Jiba; Arabillo	1	
<i>Erythroxyllum recurrens</i>	1	
<i>Erythroxyllum pulchrum</i> Arco de pipa	1	
<i>Erythroxyllum pelleterianum</i>	1	
<i>Erythroxyllum panamense</i>	1	
<i>Erythroxyllum novogranatense</i> Coca	1	
<i>Erythroxyllum monogynum</i> Bastard sandal; Red cedar	1	
<i>Erythroxyllum mamacoca</i> Mamacoca	1	
<i>Erythroxyllum lucidum</i>	1	

Plant	# Chemicals	Total PPM
<i>Erythroxylum incrassatum</i>	1	
<i>Erythroxylum impressum</i> Hayo	1	
<i>Erythroxylum gracilipes</i>	1	
<i>Erythroxylum glaucum</i>	1	
<i>Erythroxylum fimbriatum</i>	1	
<i>Erythroxylum deciduum</i>	1	
<i>Erythroxylum cumanense</i>	1	
<i>Erythroxylum coca</i> Coca	2	
<i>Erythroxylum cataractarum</i> Coca de pescado; Ajcico	1	
<i>Erythroxylum campestre</i>	1	
<i>Erythroxylum brownianum</i>	1	
<i>Erythroxylum areolatum</i>	1	
<i>Erythroxylum amazonicum</i>	1	
<i>Eschscholzia californica</i> California Poppy	3	
<i>Eucalyptus grandis</i> Flooded Gum; Gum; Rose Gum	1	
<i>Eucalyptus globulus</i> Eucalypt; Tasmanian Bluegum; Blue Gum	4	
<i>Eucalyptus citriodora</i> Lemon-Scented Gum; Citron-Scented Gum; Lemon Eucalyptus; Spotted Gum	2	
<i>Euodia rutaecarpa</i> Wou Chou Yu	2	
<i>Eupatorium triplinerve</i> Triplinerved eupatorium	1	
<i>Fagopyrum esculentum</i> Buckwheat	3	
<i>Fallopia japonica</i> Japanese Knotweed; Giant Knotweed; Hu-Zhang; Mexican Bamboo	3	
<i>Ferula alliacea</i> Garlic Ferula	1	
<i>Ficus carica</i> Higuera Comun (Sp.); Figuier Commun (Fr.); Fico (Ital.); Figueira (Port.); Echte Feige (Ger.); Fig; Feigenbaum (Ger.); Higo (Sp.)	3	
<i>Filipendula ulmaria</i> Meadowsweet; Queen Of The Meadow	1	
<i>Firmiana simplex</i> Chinese Parasol	1	
<i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao	2	
<i>Fragaria</i> spp Strawberry	1	
<i>Fraxinus rhynchophylla</i> Chinese Ash	1	
<i>Fraxinus ornus</i> Ash	1	
<i>Galanthus nivalis</i> Snowdrop	1	
<i>Galega officinalis</i> Galega; Goat's Rue	1	
<i>Galium odoratum</i> Woodruff; Waldmeister	1	26000.0
<i>Gardenia jasminoides</i> Shan-Zhi-Zi; Shan-Chih-Tzu; Cape Jasmine; Zhi Zi; Gardenia; Jasmin	1	
<i>Gaultheria procumbens</i> Teaberry; Mountain Tea; Wintergreen; Creeping Wintergreen; Wintergrun (Ger.); Checkerberry	1	
<i>Gaultheria fragrantissima</i> Indian Wintergreen	1	
<i>Genipa americana</i> Jagua; Genipap	1	
<i>Genista tinctoria</i> Dyer's Broom	1	
<i>Gentiana lutea</i> Gentian; Yellow Gentian	1	
<i>Geranium thunbergii</i> Gennoshiouko; Oriental Geranium	1	
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	4	
<i>Glaucium flavum</i> Horned Poppy	1	
<i>Glechoma hederacea</i> Alehoof	2	1052.0

Plant	# Chemicals	Total PPM
<i>Gleditsia triacanthos</i> Honey Locust	1	
<i>Glycine max</i> Soybean	3	
<i>Glycyrrhiza glabra</i> Commom Licorice; Licorice; Licorice-Root; Smooth Licorice	2	
<i>Guaiacum</i> sp. Guaiac	1	
<i>Guazuma ulmifolia</i> Bay Cedar	1	
<i>Hamamelis virginiana</i> Witch Hazel	1	
<i>Harpagophytum procumbens</i> Grapple Plant; Devil's Claw	2	
<i>Hedera helix</i> Ivy	1	
<i>Helianthus annuus</i> Girasol; Sunflower	1	
<i>Helichrysum angustifolium</i> Immortelle; Everlasting	1	
<i>Hesperis matronalis</i> Damask-Violet; Sweet Rocket; Dame's-Violet; Dame's Rocket	1	
<i>Hierochloe odorata</i> Vanilla-Scented Grass; Manna Grass; Vanilla Grass; Seneca Grass; Holy Grass; Sweet Grass	1	
<i>Hippeastrum vittatum</i> Barbados lily	1	
<i>Holarrhena pubescens</i> Tellicherry Bark; Zhi Xie Mu; Kurchi; Conessi	1	
<i>Hordeum vulgare</i> Barley; Barleygrass	5	126.0
<i>Houttuynia cordata</i> Dokudami; Yu Xing Cao; Fishwort	1	
<i>Humulus lupulus</i> Hops	6	
<i>Hyacinthus orientalis</i> Hyacinth	1	
<i>Hydrastis canadensis</i> Goldenseal	3	180000.0
<i>Hyoscyamus niger</i> Henbane	2	
<i>Hypericum perforatum</i> Hypericum; Goatweed; Common St. Johnswort; St. John's-wort; Klamath Weed	6	
<i>Hyptis capitata</i> Knobweed	1	
<i>Hyssopus officinalis</i> Hyssop	2	9800.0
<i>Ilex paraguariensis</i> South American Holly; Paraguay Tea; Mate	3	90000.0
<i>Jasminum officinale</i> Poet's Jessamine; Jasmine	1	4940.0
<i>Juglans regia</i> English Walnut	1	
<i>Juniperus oxycedrus</i> Cade; Brown Juniper; Prickly Juniper; Cade Oil; Spanish Cedar	1	
<i>Juniperus communis</i> Juniper; Common Juniper	3	
<i>Justicia pectoralis</i> Bolek Hena; Angel Of Death; Curia	1	
<i>Krameria triandra</i> Rhatany	2	
<i>Lactuca virosa</i> Bitter Lettuce	1	
<i>Lactuca scariola</i> Prickly Lettuce	1	
<i>Lactuca sativa</i> Lettuce	1	
<i>Laurus nobilis</i> Grecian Laurel; Bay Laurel; Bay; Sweet Bay; Laurel; Bayleaf	3	
<i>Lavandula x intermedia</i> Lavandin; Dutch Lavender	1	
<i>Lavandula latifolia</i> Aspic; Spike Lavender; Broad-Leaved Lavender	3	47844.0
<i>Lavandula angustifolia</i> English Lavender	2	17000.0
<i>Lawsonia inermis</i> Henna; Mignonette Tree; Jamaica-Mignonette; Mignonette	1	
<i>Lens culinaris</i> Lentil	1	
<i>Leonurus cardiaca</i> Motherwort	4	
<i>Levisticum officinale</i> Lovage	1	

Plant	# Chemicals	Total PPM
<i>Ligustrum lucidum</i> White Waxtree; Privet; Chinese Privet; Ligustri Fructus; Glossy Privet	2	
<i>Ligustrum japonicum</i> Ligustri Fructus; Japanese Privet	3	
<i>Limonia acidissima</i> Wood-Apple; Manzana De Elefante; Elephant Apple	1	
<i>Liquidambar styraciflua</i> Sweetgum; American Styrax	2	
<i>Liquidambar orientalis</i> Oriental Styrax; Oriental Storax	1	
<i>Lophophora williamsii</i> Peyote	1	
<i>Luffa aegyptiaca</i> Luffa; Vegetable Sponge; Smooth Loofah	1	
<i>Lycopersicon esculentum</i> Tomato	3	
<i>Lycopus virginicus</i> Bugle	1	
<i>Lycopus europeus</i> European Bugle	3	2400.0
<i>Lycoris squamigera</i> Resurrection Lily; Magic Lily	1	
<i>Lycoris radiata</i> Spider Lily	1	
<i>Macleaya cordata</i> Plume Poppy	2	
<i>Mahonia siamensis</i>	1	
<i>Mahonia repens</i> Oregon Grape; Creeping Barberry; Oregon Barberry; Oregon Grape-Holly	1	
<i>Mahonia philipinensis</i>	1	
<i>Mahonia nervosa</i> Oregon Grape-Holly; Water Holly; Oregon Barberry; Oregon Grape	1	
<i>Mahonia japonica</i> Hiiragi-Nanten; Japanese Ashberry	1	
<i>Mahonia gracilipes</i>	1	
<i>Mahonia fortunei</i>	1	
<i>Mahonia fargesii</i>	1	
<i>Mahonia aquifolium</i> Mountain Grape; Oregon Grape; Blue Barberry; Holly Barberry; Holly Mahonia	1	
<i>Malus domestica</i> Apple	7	
<i>Mandragora officinarum</i> Mandrake	1	7000.0
<i>Marrubium vulgare</i> White Horehound; Horehound	2	2400.0
<i>Matricaria recutita</i> German Camomile; Annual Camomile; Wild Camomile	1	
<i>Medicago sativa</i> Lucerne; Alfalfa	1	
<i>Melaleuca leucadendra</i> Cajeput	2	
<i>Melia azedarach</i> Chinaberry	2	
<i>Melilotus officinalis</i> Yellow Sweetclover	2	4000.0
<i>Melissa officinalis</i> Lemonbalm; Bee Balm; Balm; Melissa	2	
<i>Menispermum canadense</i> Moonseed	1	
<i>Mentha x rotundifolia</i> Applemint	2	
<i>Mentha x piperita</i> Peppermint	3	0.6000000000000001
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	2	
<i>Mentha longifolia</i> Biblical Mint	1	
<i>Micromeria juliana</i>	1	
<i>Mitragyna speciosa</i> Kratom	2	300.0
<i>Monarda didyma</i> Oswego Tea; Beebalm	1	
<i>Morinda citrifolia</i> Indian Mulberry; Noni	1	
<i>Moringa oleifera</i> Drumstick Tree; Jacinto (Sp.); Ben Nut; Benzolive Tree; Horseradish Tree; West Indian Ben; Moringa	1	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	2	

Plant	# Chemicals	Total PPM
<i>Murraya</i> sp None	1	
<i>Musa</i> x <i>paradisica</i> Banana; Plantain	1	1400.0
<i>Myristica fragrans</i> Mace; nuez moscada (Sp.); Muskatnussbaum (Ger.); nogal moscado (Sp.); Nutmeg	2	
<i>Myroxylon balsamum</i> Peru Balsam; Tolu Balsam	2	8000.0
<i>Nandina domestica</i> Nanten (Jap.); Heavenly Bamboo; Southern Heaven Bamboo; Sacred Bamboo	1	
<i>Narcissus tazetta</i> Daffodil	2	2230.0
<i>Nelumbo nucifera</i> Water Lotus	2	
<i>Nepeta cataria</i> Catnip	1	
<i>Nerium oleander</i> Oleander	5	86000.0
<i>Nicotiana tabacum</i> Tobacco	2	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	2	
<i>Ocimum suave</i> Kenyan Tree Basil	1	
<i>Ocimum canum</i> Hoary Basil	1	
<i>Ocimum basilicum</i> Cuban Basil; Sweet Basil; Basil	5	8222.0
<i>Olea europaea</i> Olive	3	
<i>Ononis spinosa</i> Restharrow; Spiny Restharrow; Hauhechel (Ger.)	1	
<i>Opuntia ficus-indica</i> Nopal; Prickly Pear; Indian Fig; Nopalito	1	
<i>Origanum vulgare</i> Common Turkish Oregano; Oregano; Pot Marjoram; Wild Marjoram; Wild Oregano; European Oregano	2	6200.0
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	2	13600.0
<i>Panax quinquefolius</i> Ginseng; American Ginseng	3	
<i>Panax japonicus</i> Japanese Ginseng	1	
<i>Panax ginseng</i> Chinese Ginseng; Ginseng; Oriental Ginseng; Korean Ginseng	3	
<i>Pancratium maritimum</i> Sea Daffodil	2	
<i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy	3	
<i>Paullinia yoko</i> Yoko	1	109200.0
<i>Paullinia cupana</i> Guarana	3	304730.0
<i>Pausinystalia johimbe</i> Yohimbe	1	
<i>Persea americana</i> Avocado	1	
<i>Petiveria alliacea</i> Anamu; Mucura; Guinea Hen Leaf	1	
<i>Peumus boldus</i> Boldo	1	5125.0
<i>Phaseolus vulgaris</i> Haricot Vert; French Bean; String Bean; Wax Bean; Green Bean; Snap Bean; Black Bean; Haricot; Flageolet Bean; Garden Bean; Haricot Bean; Navy Bean; Field Bean; Popping Bean; Dwarf Bean; Kidney Bean; Pop Bean	1	
<i>Phellodendron amurense</i> Huang Po; Amur Cork Tree; Po Mu; Huang Bai	1	20000.0
<i>Phoenix dactylifera</i> Date Palm	1	
<i>Phoradendron juniperinum</i>	1	
<i>Phyllanthus niruri</i> Seed On The Leaf	1	
<i>Phytolacca americana</i> Pokeweed	1	
<i>Pimenta dioica</i> Allspice; Clover-Pepper; Pimenta; Pimento; Jamaica-Pepper	1	
<i>Pinus sylvestris</i> Scotch Pine	3	
<i>Pinus elliottii</i> Slash Pine	1	
<i>Piper nigrum</i> White Pepper; Pepper; Black Pepper	2	240000.0
<i>Piper cubeba</i> Cubeb; Cubeb Pepper	1	
<i>Pistacia lentiscus</i> Chios Mastictree; Mastic; Mastixbaum (Ger.); Mastictree; Lentisco (Sp.)	1	

Plant	# Chemicals	Total PPM
<i>Pisum sativum</i> Pea	1	
<i>Plantago major</i> Common Plantain	2	
<i>Plantago asiatica</i> Asian Plantain	1	
<i>Plectranthus barbatus</i> False Boldo; Forskohl's Coleus; Indian Coleus	1	
<i>Plectranthus amboinicus</i> Mexican Mint; Country Borage; Indian Borage; Soup Mint; Cuban Oregano; Amboini Coleus; Spanish Thyme; French Thyme	3	
<i>Plumeria acutifolia</i> Frangipani	1	
<i>Podophyllum peltatum</i> Mayapple	1	
<i>Podophyllum hexandrum</i> Himalayan Mayapple	1	
<i>Pogostemon cablin</i> Patchouli	1	
<i>Polianthes tuberosa</i> Tuberose	1	
<i>Polygala penaea</i> Tibi; Glass tree	1	
<i>Polygonum multiflorum</i> Fleeceflower; Fo Ti; Chinese Knotweed; Chinese Cornbind; He Shou Wu	1	
<i>Polygonum hydropiper</i> Common Smartweed	1	
<i>Polygonum aviculare</i> Prostrate Knotweed	1	
<i>Populus balsamifera</i> Balsam Poplar	1	
<i>Portulaca oleracea</i> Purslane; Verdolaga	1	
<i>Prosopis glandulosa</i> Honey Mesquite; Mesquite	2	
<i>Prunella vulgaris</i> Self-Heal; Heal-All	2	
<i>Prunus spinosa</i> Blackthorn; Sloe	1	
<i>Prunus serotina</i> Black Cherry; Wild Cherry	1	
<i>Prunus persica</i> Peach	3	
<i>Prunus laurocerasus</i> Cherry Laurel	1	20000.0
<i>Prunus dulcis</i> Almond	1	
<i>Prunus cerasus</i> Sour Cherry	5	
<i>Prunus armeniaca</i> Apricot	1	
<i>Prunus africana</i> Red Stinkwood; Bitter Almond	2	
<i>Psidium guajava</i> Guava	3	
<i>Psoralea corylifolia</i> Babchi; Malaya Tea; Black Dot	1	
<i>Pterocarpus marsupium</i> bijasal; Malabar Kino; Indian Kino	1	
<i>Ptychopetalum olacoides</i> Muira Puama	1	
<i>Pulsatilla chinensis</i> Chinese Anemone	2	
<i>Punica granatum</i> Romanzeiro (Port.); Grenadier (Fr.); Pomegranate; Mangrano (Sp.); Zakuro (Jap.); Granatapfelbaum (Ger.); Granatapfelstrauch (Ger.); Granado (Sp.)	3	
<i>Pyrus communis</i> Pear	2	
<i>Quercus velutina</i> Black Oak	1	
<i>Quercus alba</i> White Oak	1	
<i>Quisqualis indica</i> Rangoon Creeper	1	
<i>Rauvolfia vomitoria</i> African Snakeroot	1	
<i>Rauvolfia serpentina</i> Serpentine Wood; Indian Snakeroot	1	
<i>Rheum rhabarbarum</i> Rhubarb	3	
<i>Rheum palmatum</i> Chinese Rhubarb	3	
<i>Rheum officinale</i> Chinese Rhubarb	3	

Plant	# Chemicals	Total PPM
<i>Rhododendron ponticum</i> Pontic Alpenrose	4	
<i>Rhododendron ferrugineum</i> Rusty-Leaved Alpenrose	1	
<i>Rhododendron dauricum</i> Chinese Alpenrose	1	
<i>Rhus coriaria</i> Sicilian Sumac; Sumac; Tanner's Sumac	1	
<i>Ribes uva-crispa</i> Gooseberry	1	
<i>Ribes nigrum</i> Black Currant	2	27600.0
<i>Ricinus communis</i> Castorbean	1	
<i>Rosa woodsii</i> Woods' Rose	1	
<i>Rosa multiflora</i> Multiflora Rose	2	
<i>Rosa gallica</i> French Rose	1	
<i>Rosa damascena</i> Damask Rose	1	
<i>Rosa centifolia</i> Cabbage Rose	1	
<i>Rosa canina</i> Dogbrier; Dog Rose; Rose	3	
<i>Rosmarinus officinalis</i> Rosemary	2	103000.0
<i>Rubus idaeus</i> Raspberry; Red Raspberry	2	
<i>Rubus fruticosus</i> Blackberry	1	
<i>Rumex crispus</i> Sour Dock; Lengua De Vaca; Curly Dock; Yellow Dock	3	
<i>Ruta graveolens</i> Rue	2	
<i>Salix alba</i> White Willow	1	
<i>Salvia triloba</i> Greek Sage	2	159400.0
<i>Salvia sclarea</i> Clary Sage	2	
<i>Salvia officinalis</i> Sage	2	5372.0
<i>Sambucus nigra</i> Black Elder; European Elder; Elder; European Elderberry; European Alder	2	
<i>Sambucus canadensis</i> American Elder; Elderberry; American Elderberry; Sweet Elder	1	
<i>Sanguinaria canadensis</i> Bloodroot	2	120000.0
<i>Sanguisorba officinalis</i> Greater Burnet	2	
<i>Santalum album</i> White Sandalwood	1	
<i>Satureja montana</i> Savory; Winter Savory	2	32000.0
<i>Satureja hortensis</i> Summer Savory	2	6600.0
<i>Scopolia carniolica</i> Scopolia	1	
<i>Selenicereus grandiflorus</i> Queen-of-the-Night; Night-Blooming Cereus	1	
<i>Sesamum indicum</i> Beni; Ajonjoli (Sp.); Sesame; Benneseed; Sesamo (Sp.)	1	
<i>Sida rhombifolia</i> Teaplant; Broomweed	1	
<i>Skimmia japonica</i> Japanese Skimmia	1	
<i>Solanum tuberosum</i> Potato	1	35200.0
<i>Solanum nigrum</i> Black Nightshade	2	80.0
<i>Solanum melongena</i> Eggplant; Aubergine	2	
<i>Solanum mammosum</i> Love Apple; Susumber	1	
<i>Solanum carolinense</i> Horsenettle	1	
<i>Solidago virgaurea</i> European Goldenrod; Woundwort	1	
<i>Solidago gigantea</i> Early Goldenrod	1	
<i>Sophora subprostrata</i> Shan Dou Gen	1	

Plant	# Chemicals	Total PPM
<i>Sophora angustifolia</i> Narrowleaf Sophora	1	
<i>Sorbus aucubaria</i> Rowan Berry	2	
<i>Spartium junceum</i> Spanish Broom; Genet; Weaver's Broom	1	
<i>Spinacia oleracea</i> Spinach	1	
<i>Stachys officinalis</i> Wood Betony; Bishop's-Wort; Betony; Purple Betony	1	
<i>Stachys betonicifolia</i> Woundwort	1	
<i>Stachytarpheta jamaicensis</i> Brazilian Tea	1	
<i>Stevia rebaudiana</i> Ca-A-E; Sweet Leaf of Paraguay; Stevia	1	
<i>Strophanthus kombe</i> Kombe Arrow Poison	4	4800.0
<i>Strophanthus hispidus</i> Hispid Ouabain	3	21400.0
<i>Strophanthus gratus</i> Ouabain	1	152000.0
<i>Strophanthus divaricatus</i> Arrow Poison	1	
<i>Swertia chirata</i> Chirata; Chiretta	1	
<i>Symphytum officinale</i> Comfrey	1	
<i>Syringa vulgaris</i> Lilac	1	
<i>Syzygium claviflorum</i>	2	
<i>Syzygium aromaticum</i> Clovetree; Clove	3	40000.0
<i>Tabernanthe iboga</i> Iboga	1	
<i>Tamarindus indica</i> Kilytree; Indian Tamarind; Tamarind	2	
<i>Taxus baccata</i> Common Yew	1	
<i>Tecoma stans</i> Yellow Elder	1	160.0
<i>Terminalia pallida</i>	1	
<i>Terminalia catappa</i> Indian Almond; Malabar Almond; Tropical Almond	4	
<i>Terminalia arjuna</i> Arjun; Arjuna	1	
<i>Ternstroemia gymnanthera</i>	1	
<i>Teucrium scorodonia</i> Germander; Wood Germander	1	
<i>Teucrium scordium</i> Water Germander	1	
<i>Teucrium polium</i> Golden Germander	2	
<i>Teucrium chamaedrys</i> Wall Germander	1	
<i>Theobroma cacao</i> Cacao	7	120100.0
<i>Theobroma bicolor</i> Pataste; Nicaraguan Cacao	2	
<i>Theobroma angustifolium</i> Emerald Cacao; Castarica	2	
<i>Thevetia peruviana</i> Luckynut; Thevetie (Ger.); Adelfa Amarilla (Sp.); Oleandre Jaune (Fr.); Peruvian Yellow Oleander; Chirca (Sp.); Yellow Oleander; Loandro-Amarelo (Port.); Cabalonga (Sp.)	5	
<i>Thevetia neriifolia</i> Yellow oleander	3	
<i>Thuja occidentalis</i> Arbor-Vitae; Northern White-Cedar	2	
<i>Thymus vulgaris</i> Thyme; Common Thyme; Garden Thyme	3	50200.0
<i>Thymus serpyllum</i> Creeping Thyme	2	27800.0
<i>Tilia</i> sp. Lime; Linden; Basswood	1	
<i>Tragopogon porrifolius</i> Salsify	1	
<i>Trifolium pratense</i> Peavine Clover; Red Clover; Purple Clover; Cowgrass	3	
<i>Trigonella foenum-graecum</i> Alholva (Sp.); Greek Hay; Greek Clover; Fenugreek; Bockshornklee (Ger.)	4	534.0
<i>Trilisa odoratissima</i> Carolina Vanilla; Hound's Tongue; Vanilla Plant; Deer's Tongue	1	

Plant	# Chemicals	Total PPM
<i>Turnera diffusa</i> Damiana	1	
<i>Ulex europaeus</i> Gorse	1	
<i>Uncaria tomentosa</i> Una de Gato; Cat's Claw; Garabato Amarillo	3	
<i>Uncaria guianensis</i> Garabato Colorado; Ungunagi; Tambor Huasca; Cat's Claw; Una de Gato	1	
<i>Uncaria catechu</i> Gambir; Pale Catechu	2	
<i>Urginea maritima</i> European Squill	2	1000.0
<i>Urginea indica</i> Indian Squill; Sea-Onion	1	
<i>Urtica dioica</i> Stinging Nettle; European Nettle	3	
<i>Vaccinium vitis-idaea</i> Cowberry; Lingen; Lingonberry	4	22000.0
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Whortleberry; Bilberry	6	5000.0
<i>Vaccinium macrocarpon</i> Cranberry; American Cranberry; Large Cranberry	3	
<i>Vaccinium corymbosum</i> Blueberry	4	
<i>Vanilla planifolia</i> Vanilla; Bourbon Vanilla	3	
<i>Verbascum thapsus</i> Flannelplant; Flannelleaf; Mullein; Great Mullein; Velvetplant	2	
<i>Verbena officinalis</i> Vervain	1	
<i>Viburnum prunifolium</i> Black Haw	3	
<i>Viburnum opulus</i> Crampbark; Guelder Rose; European Cranberry Bush; Snowballbush	2	
<i>Vicia faba</i> Faba Bean; Habas; Broadbean	1	
<i>Vinca minor</i> Periwinkle; Running-Myrtle	1	100800.0
<i>Viscum album</i> European Mistletoe	1	
<i>Vitis vinifera</i> Vid (Sp.); Grapevine; Grape; European Grape; Parra (Sp.); Weinrebe (Ger.); Vigne Vinifere (Fr.); Wine Grape	8	
<i>Xanthorhiza simplicissima</i> Yellowroot	2	
<i>Xylopia aethiopica</i> Mohrenpfeffer (Ger.); Spice Tree; Guinea Pepper; Ethiopian Pepper; Negro Pepper; Maniguete (Sp.); Pimienta de Guinea (Sp.)	1	
<i>Zanthoxylum clava-herculis</i> West Indian Yellowwood; Pepperbark; Southern Prickly Ash; Hercules'-Club	1	
<i>Zanthoxylum americanum</i> Northern Prickly Ash	1	
<i>Zanthoxylum alatum</i> Indian Prickly Ash; Wartara Oil Tree	2	
<i>Zea mays</i> Corn	4	
<i>Zingiber officinale</i> Ginger	7	20508.0
<i>Zizyphus jujuba</i> Ta-Tsao; Da-Zao; Jujube	3	6000.0