

A Tyrosinase-Inhibitor

*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>Abelmoschus moschatus</i> Ambrette; Tropical Jewel Hibiscus; Musk Okra; Muskmallow	2	
<i>Abelmoschus esculentus</i> Okra	2	
<i>Abutilon theophrasti</i> Velvet Leaf; Abutilon-Hemp; Indian-Mallow; Butterprint	2	
<i>Acacia senegal</i> Kher; Sudan Gum Arabic; Senegal Gum; Gum Arabic; Gum Arabic Tree	2	
<i>Acacia nilotica</i> Babul	2	
<i>Acacia farnesiana</i> Sweet Acacia; Opopanax; Huisache; Popinac; Cassie	5	
<i>Acacia decurrens</i> Green Wattle	1	
<i>Acacia catechu</i> Black Cutch; Catechu	3	
<i>Acalypha indica</i> Indian Acalypha; Copperleaf; Indian Nettle; Three-Seeded-Mercury; Cancer Herb	1	
<i>Achillea millefolium</i> Milfoil; Yarrow	3	22.0
<i>Acinos suaveolens</i>	3	
<i>Actinidia chinensis</i> Kiwi	2	
<i>Aegle marmelos</i> Bael fruit; Bael de India	2	
<i>Aesculus hippocastanum</i> Horse Chestnut	2	
<i>Agastache rugosa</i>	1	
<i>Agastache foeniculum</i> Giant Hyssop	2	
<i>Agathosma betulina</i> Buchu; Mountain Buchu; Honey Buchu	1	
<i>Ageratum conyzoides</i> Mexican ageratum	2	
<i>Agrimonia eupatoria</i> Agrimony; Sticklewort	4	
<i>Ailanthus altissima</i> Stinktree; Tree Of Heaven	1	
<i>Albizia lebbek</i> Koko; East Indian Walnut; Lebbek Tree; Women's-Tongue Tree; Frywood; Lebbek; Siris Tree	3	
<i>Allium schoenoprasum</i> Chives	3	170.0
<i>Allium sativum</i> var. <i>sativum</i> Garlic	5	516.0
<i>Allium cepa</i> Onion; Shallot	4	131280.0
<i>Allium ampeloprasum</i> Elephant Garlic; Kurrat	1	
<i>Aloe vera</i> Bitter Aloes; Aloe	2	
<i>Aloysia citrodora</i> Lemon Verbena	1	9100.0
<i>Alpinia officinarum</i> Chinese Ginger; Lesser Galangal	2	
<i>Althaea officinalis</i> White Mallow; Marshmallow	4	
<i>Ammi visnaga</i> Visnaga	3	
<i>Ammi majus</i> Bishop's Weed	1	
<i>Anacardium occidentale</i> Cashew	2	
<i>Ananas comosus</i> Pineapple	2	1462.8
<i>Anastatica hierochuntica</i> Jericho Rose	1	
<i>Anemarrhena asphodeloides</i> Zhi-Mu; Chih-Mu	1	
<i>Anemone pulsatilla</i> Pasque Flower	2	
<i>Anethum graveolens</i> Dill; Garden Dill	3	
<i>Angelica archangelica</i> Wild Parsnip; Angelica; Garden Angelica	1	
<i>Anisomeles malabarica</i> Malabar Catmint	1	

Plant	# Chemicals	Total PPM
<i>Annona muricata</i> Soursop	2	
<i>Anogeissus latifolia</i> Gum Ghatti	1	
<i>Apium graveolens</i> Celery	5	
<i>Arachis hypogaea</i> Groundnut; Peanut	3	48.0
<i>Araucaria bidwillii</i> Monkey puzzle	1	
<i>Arbutus unedo</i> Strawberry Tree; Arbutus	1	54000.0
<i>Arctium lappa</i> Great Burdock; Burdock; Gobo	1	
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	4	306000.0
<i>Ardisia japonica</i> Marlberry	1	
<i>Arisaema consanguineum</i> Chinese Jack-In-The-Pulpit	1	
<i>Armoracia rusticana</i> Horseradish	2	
<i>Artemisia salsoloides</i>	1	
<i>Artemisia herba-alba</i> Desert Wormwood	1	
<i>Artemisia dracunculus</i> Tarragon	6	380.0
<i>Artemisia annua</i> Sweet Annie; Qinghao; Sweet Wormwood (GRIN); Annual Mugwort (GRIN); Annual Wormwood (GRIN)	3	
<i>Artemisia absinthium</i> Wormwood	2	
<i>Artocarpus altilis</i> Breadfruit	1	
<i>Asclepias syriaca</i> Milkweed	1	
<i>Asimina triloba</i> Pawpaw	1	
<i>Aspalathus linearis</i> Kaffree Tea; Red Bush Tea; Rooibos	5	
<i>Asparagus officinalis</i> Asparagus	2	
<i>Astragalus membranaceus</i> Huang-Chi; Huang Qi	2	
<i>Avena sativa</i> Oats	3	620.0
<i>Averrhoa carambola</i> Carambola; Star Fruit	1	
<i>Azadirachta indica</i> Neem	2	6000.0
<i>Barosma betulina</i> Buchu	1	
<i>Basella alba</i> Vinespinach	2	
<i>Berberis vulgaris</i> Barberry	2	
<i>Beta vulgaris</i> Beetroot; Garden Beet; Beet; Sugar Beet	3	
<i>Borago officinalis</i> Talewort; Borage; Beeplant; Beebread	2	
<i>Brassica pekinensis</i> Chinese Cabbage	1	14.0
<i>Brassica oleracea</i> var. <i>sabellica</i> l. Kitchen Kale; Scotch Kale; Curly Kale; Kale	2	126.0
<i>Brassica oleracea</i> var. <i>italica</i> Calabrese; Sprouting Broccoli; Cape Broccoli; Winter Broccoli; Broccoli; Purple Cauliflower; Asparagus Broccoli; Heading Broccoli	4	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts	2	74.0
<i>Brassica oleracea</i> var. <i>capitata</i> l. Red Cabbage; Cabbage; White Cabbage	5	818.0
<i>Brassica oleracea</i> var. <i>botrytis</i> l. Cauliflower	4	168.0
<i>Brassica oleracea</i> Kohlrabi	3	200.15999999999997
<i>Brassica nigra</i> Black Mustard	2	
<i>Caesalpinia pulcherrima</i> Bird Of Paradise	2	
<i>Calamintha nepeta</i> Turkish Calamint	1	
<i>Calendula officinalis</i> Calendula; Pot-Marigold	3	
<i>Callicarpa americana</i> French Mulberry; American Beauty Berry; Beauty Berry	1	

Plant	# Chemicals	Total PPM
<i>Camellia sinensis</i> Tea	6	38400.0
<i>Camptotheca acuminata</i> Happy Tree	1	
<i>Cananga odorata</i> Ylang-Ylang; Cananga	2	
<i>Cannabis sativa</i> Marijuana; Indian Hemp; Marihuana; Hemp	1	
<i>Capparis spinosa</i> Caperbush; Caper	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Tabasco; Cayenne; Spur Pepper; Red Chili; Hot Pepper; Chili	5	1206.0
<i>Capsicum annuum</i> Cherry Pepper; Bell Pepper; Sweet Pepper; Cone Pepper; Paprika; Green Pepper	3	158.0
<i>Carica papaya</i> Papaya	1	
<i>Carthamus tinctorius</i> Safflower	1	1.12
<i>Carum carvi</i> Kummel (Ger.); Comino (Sp.); Caraway; Carum; Comino de prado (Sp.)	5	
<i>Castanea sativa</i> European Chestnut	3	
<i>Catalpa ovata</i> Kisasage; Hsin-Pa-Pi	1	
<i>Catalpa bignonioides</i> Indian bean	2	
<i>Catharanthus roseus</i> Madagascar Periwinkle; Rosy Periwinkle	3	
<i>Cedrus deodora</i> Deodar Cedar	1	
<i>Ceiba pentandra</i> Kapok; Silk-Cotton Tree	2	
<i>Centaurea cyanus</i> Bachelor's Button; Cornflower	5	
<i>Centaurea calcitrapa</i> Star-Thistle	1	
<i>Centaurium erythraea</i> Centaury	2	
<i>Centella asiatica</i> Pennywort; Gotu Kola	2	
<i>Ceratonia siliqua</i> St.John's-Bread; Locust Bean; Carob	2	
<i>Chimaphila umbellata</i> Pipsissewa; King's Cure	2	150000.0
<i>Chrysanthemum x morifolium</i> Florist's Chrysanthemum; Mum; Ju Hua (Pinyin); Chrysanthemum	3	
<i>Chrysanthemum parthenium</i> Feverfew	2	
<i>Cichorium intybus</i> Chicory; Witloof; Succory	2	
<i>Cichorium endivia</i> Escarole; Endive	1	
<i>Cinchona pubescens</i> Quinine; Red Cinchona; Red Peruvian-Bark; Redbark	1	
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	5	121032.0
<i>Cinnamomum camphora</i> Ho Leaf; Camphor	4	
<i>Cinnamomum aromaticum</i> Saigon Cinnamon; Zimtcassie (Ger.); Canelle de Cochinchine (Fr.); Cassia Bark; China Junk Cassia; Canela de la China (Sp.); Cassia Lignea; Chinesischer Zimtbaum (Ger.); Kashiya-Keihi (Jap.); Canelero chino (Sp.); Cassia; Chinese Cassia; Chinese Cinnamon; Chinazimt (Ger.); Cannelier de Chine (Fr.); Cannelier Casse (Fr.)	5	44900.0
<i>Cistus ladaniferus</i> Rockrose; Labdanum; Gum Cistus; Ambreine	2	15680.0
<i>Citrullus lanatus</i> Watermelon	1	
<i>Citrullus colocynthis</i> Colocynth	2	
<i>Citrus sinensis</i> Orange	3	64.0
<i>Citrus reticulata</i> Tangerine; Mandarin	1	4.0
<i>Citrus paradisi</i> Grapefruit	4	106.0
<i>Citrus mitis</i> Calamondin; Calamansi	1	
<i>Citrus medica</i> Citron	1	
<i>Citrus limon</i> Lemon	3	204.0
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	4	

Plant	# Chemicals	Total PPM
Citrus aurantiifolia Lime	1	
Cnicus benedictus Blessed Thistle	5	
Cocos nucifera Cocotero (Sp.); Coconut; Copra; Kokospalme (Ger.); Nariyal; Coconut Palm	1	
Coffea arabica Coffee	2	
Cola acuminata Abata Cola	1	
Colchicum autumnale Meadow Saffron; Autumn Crocus	1	
Commelina communis Common dayflower	1	
Commiphora wightii Indian Bdellium-Tree; Guggul	1	
Commiphora myrrha African Myrrh; Somali Myrrh; Myrrh; Herabol Myrrh; Myrrhe (Fr., Ger.); Mirra (Sp. It.)	2	
Consolida ajacis Larkspur	2	
Conyza canadensis Hogweed; Butterweed; Horseweed	1	
Coriandrum sativum Coriander; Chinese Parsley; Cilantro	4	1958.0
Coriaria thymifolia Shanshi; Ground Toot	1	
Coriaria myrtifolia Mealy Tree	1	
Cornus mas Sorbet; Cornelian Cherry	2	
Cornus florida American Dogwood	2	
Corylus avellana Hazel; European Hazel; European Filbert; Cobnut; English Filbert	2	
Corylus americana American Hazel; American Filbert	1	
Crataegus rhipidophylla Hawthorn	1	
Crataegus monogyna Hawthorn; English Hawthorn	2	
Crataegus laevigata Hawthorn; Woodland Hawthorn; English Hawthorn; Whitethorn	1	
Crataegus cuneata Hawthorn	1	
Crocus sativus Saffron	2	
Cucumis melo Muskmelon; Nutmeg Melon; Melon; Netted Melon; Persian Melon; Cantaloupe	2	
Cucurbita pepo Pumpkin	2	
Cuminum cyminum Cumin	2	37022.0
Curcuma longa Turmeric; Indian Saffron	4	690.0
Cuscuta reflexa Amarbel	1	
Cyamopsis tetragonoloba Siam-Bean; Guar; Cluster-Bean	4	
Cydonia oblonga Quince	1	
Cymbopogon winterianus Java Citronella; Mahapengiri	2	56.0
Cymbopogon flexuosus East Indian Lemongrass	1	17000.0
Cymbopogon citratus West Indian Lemongrass; Lemongrass	2	57960.0
Cynara cardunculus Artichoke	1	
Cytisus scoparius Scotch Broom	1	
Daemonorops draco Dragon's Blood	2	
Daphne genkwa Yuan Hua	1	
Daucus carota Carrot	7	800.0
Digitalis purpurea Purple Foxglove	2	
Diospyros virginiana American Persimmon	2	
Dodonaea viscosa Hopwood	2	
Drimys winteri Winter's Bark	2	

Plant	# Chemicals	Total PPM
<i>Dryopteris filix-mas</i> Male Fern	1	
<i>Echinacea</i> spp Coneflower; Echinacea	2	
<i>Echinacea purpurea</i> Eastern Purple-Coneflower; Echinacea; Purple-Coneflower	2	
<i>Echinacea angustifolia</i> Echinacea; Narrow Leaf Purple-Coneflower; Narrow Leaf Echinacea	2	
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	3	
<i>Elettaria cardamomum</i> Cardamom	1	
<i>Eleutherococcus senticosus</i> Wu jia; Eleuthero Ginseng; Siberian Ginseng; Spiny Ginseng; Ci wu jia (Pinyin)	2	
<i>Elsholtzia polystachya</i> Bush Mint	1	
<i>Elsholtzia nipponica</i> Hsiang Ju	1	
<i>Elsholtzia blanda</i> Bantulsi; Bantaluki	1	
<i>Ephedra sinica</i> Chinese Ephedra; Ma Huang	4	
<i>Equisetum arvense</i> Horsetail; Field Horsetail	4	
<i>Eriobotrya japonica</i> Loquat	3	
<i>Eruca sativa</i> Garden Rocket (Eng.; USN); Jambeho (Sind.; KAB); Rabano silvestre (It.; Port.); Rajakshavaka (Sansk.; KAB); Sidharta (Sansk.; KAB); Bhutaghna (Sansk.; SKJ); Roquette (Eng.; Fr.; BOU); Gargir (Arab.; Hebrew; BOU); Mandao (Afg.; DEP; KAB); Sarishapa (Sansk.; KAB); Kadambaka (Sansk.; KAB); Roquette cultivatee (Fr.; KAB); Oroth (Bible; EB52:394); Kadamba (Sansk.; KAB); Chara (Kumaon; DEP); Jamba (India); Ai'afein (Arab.; BOU); Duan (Nwp; KAB); Tuverika (Sansk.; KAB); Kibana suzushiro (Jap.; TAN); Sarshapa (Sansk.; KAB); Aruca (Malta; KAB); Grahagna (Sansk.; KAB); Rucola (It.; Malta; Sp.); Ugragandha (Sansk.; KAB); Sidhaprayojana (Sansk.; KAB); Djerdjir (Arab.; BOU); Rouka (Arab.; BOU); Siddartha (Sansk.; DEP; SKJ); Ruke (Ger.; USN); Tantubha (Sansk.; KAB); Roqueta (Sp.; USN); Dua (Kumaon; DEP); Suffed shorshi (Bengal; DEP); Taramira (India; Nwp.); Jambho (Sind.; DEP); Sahwan (Nwp.; KAB); Thorfel (Berber; BOU); Bimbata (Sansk.; KAB); Gery (Arab.; BOU); Shwetsursha (Bengal; SKJ); Ackerrauke (Ger.; MAD); Tantuka (Sansk.; KAB); Ai'sha (Arab.; BOU); Bou kahli (Arab.; BOU); Horf (Arab.; BOU); Eruca (Malta; KAB); Rakshitaphala (Sansk.; KAB); Lalu (Nwp.; KAB); Tanakfail (Berber; BOU); Kerkas (Arab.; BOU); Baglet (Arab.; BOU); Olrauke (Ger.; USN); Daradharsha (Sansk.; KAB); Euzomon (Greece; EB54:155); Shiltam (Arab.; BOU); Eihukan (Iran; NAD); Piao erh ts'ai (Chi.; TAN); Arugula (Eng.; FAC; USN); Rajika (Sansk.; KAB); Salad Rocket (Eng.; USN); Assu (Punjab; SKJ); Rawk (Arab.; BOU); Tira (Nwp.; DEP; KAB); Jamnia (Punjab; DEP); Tara (Nwp.; Punjab; KAB; SKJ); Ruca (Catalan; KAB); Achnef (Berber; BOU); Sfed sarson (Hindi; MPI); Senfrauke (Ger.; USN); Mulai (Loralai; KAB); Roquette vraie (Fr.; BOU); Lamba (India; USN); Oruga comun (Sp.; USN); Jambah (Iran; DEP; KAB); Izgin (Turkey; EB54:155); Rocket (Eng.; BOU); Rugula (Eng.; USN); Rocket Salad (Eng.; USN); Rucheta (Malta; KAB); Roquette des jardins (Fr.;KAB)	3	
<i>Erythroxylum coca</i> Coca	2	
<i>Eucalyptus tereticornis</i>	2	
<i>Eucalyptus</i> sp Gum	1	
<i>Eucalyptus sideroxylon</i>	2	
<i>Eucalyptus siderophloia</i>	2	
<i>Eucalyptus saligna</i>	2	
<i>Eucalyptus punctata</i>	2	
<i>Eucalyptus polyanthemos</i>	2	
<i>Eucalyptus oviformis</i>	2	
<i>Eucalyptus occidentalis</i>	2	
<i>Eucalyptus moluccana</i>	2	
<i>Eucalyptus melliodora</i>	2	
<i>Eucalyptus maideni</i>	2	
<i>Eucalyptus maculata</i> Gum	3	
<i>Eucalyptus grandis</i> Rose Gum; Flooded Gum; Gum	1	
<i>Eucalyptus globulus</i> Blue Gum; Tasmanian Bluegum; Eucalypt	4	270.0
<i>Eucalyptus diversicolor</i>	2	
<i>Eucalyptus dealbata</i>	2	
<i>Eucalyptus cladocalyx</i>	2	

Plant	# Chemicals	Total PPM
<i>Eucalyptus citriodora</i> Lemon Eucalyptus; Lemon-Scented Gum; Citron-Scented Gum; Spotted Gum	3	
<i>Eucalyptus camaldulensis</i>	2	
<i>Eucalyptus botryoides</i>	2	
<i>Eucalyptus bosistoana</i>	2	
<i>Eucalyptus blakelyi</i>	2	
<i>Eucalyptus astringens</i>	2	
<i>Eucalyptus albens</i>	2	
<i>Eucommia ulmoides</i> Tu Chung; Du Zhong; Gutta-Percha Tree	2	
<i>Eupatorium perfoliatum</i> Boneset	2	
<i>Eupatorium odoratum</i> Jack na bush	1	
<i>Euphorbia lathyris</i> Caper Spurge; Mole Plant	3	
<i>Euphorbia hirta</i> Queensland Asthma Herb	3	
<i>Euphrasia officinalis</i> Eyebright	2	
<i>Fagopyrum esculentum</i> Buckwheat	3	
<i>Fallopia japonica</i> Giant Knotweed; Japanese Knotweed; Mexican Bamboo; Hu-Zhang	1	
<i>Ferula jaeschkeana</i> Jaechke's Ferula	1	988.0
<i>Ficus carica</i> Figueira (Port.); Echte Feige (Ger.); Fico (Ital.); Fig; Feigenbaum (Ger.); Higo (Sp.); Higuera Comun (Sp.); Figuier Commun (Fr.)	6	
<i>Filipendula ulmaria</i> Queen Of The Meadow; Meadowsweet	2	
<i>Foeniculum vulgare</i> Fennel	8	6666.0
<i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao	1	
<i>Fragaria spp</i> Strawberry	6	250.0
<i>Frangula alnus</i> Buckthorn	1	
<i>Galega officinalis</i> Goat's Rue; Galega	2	
<i>Gaultheria procumbens</i> Teaberry; Wintergrun (Ger.); Checkerberry; Mountain Tea; Wintergreen; Creeping Wintergreen	2	
<i>Gentiana lutea</i> Yellow Gentian; Gentian	1	
<i>Geranium thunbergii</i> Oriental Geranium; Gennoshiouko	3	
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	6	
<i>Glechoma hederacea</i> Alehoof	1	
<i>Gloriosa superba</i> Glory Lily	1	
<i>Glycine max</i> Soybean	5	9.0
<i>Glycyrrhiza uralensis</i> Kan-Tsao; Gan-Cao; Chinese Licorice	1	
<i>Glycyrrhiza glabra</i> Commom Licorice; Licorice-Root; Licorice; Smooth Licorice	5	5432.0
<i>Gossypium sp</i> Cotton	3	
<i>Guazuma tomentosa</i>	2	
<i>Haematoxylum campechianum</i> Campechy; Logwood	1	
<i>Hamamelis virginiana</i> Witch Hazel	3	320.0
<i>Harpagophytum procumbens</i> Grapple Plant; Devil's Claw	2	
<i>Hedera helix</i> Ivy	1	
<i>Helianthemum glomeratum</i>	1	
<i>Helianthus annuus</i> Girasol; Sunflower	4	3442.0
<i>Hibiscus sabdariffa</i> Rosa de Jamaica (Sp.); Roselle; Malventee (Ger.); Indian Sorrel; Red Sorrel; Rosella (Ger.); Sereni (Sp.); Jamaica Sorrel; Kharkadi; Acedera de Guinea (Sp.); Sorrel	3	

Plant	# Chemicals	Total PPM
<i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower	1	
<i>Hippophae rhamnoides</i> Yellow Spine; Sallow Thorn; Sea Buckthorn	2	
<i>Holarrhena pubescens</i> Tellicherry Bark; Kurchi; Zhi Xie Mu; Conessi	2	
<i>Hordeum vulgare</i> Barley; Barleygrass	1	
<i>Houttuynia cordata</i> Fishwort; Yu Xing Cao; Dokudami	2	
<i>Humulus lupulus</i> Hops	4	
<i>Hura crepitans</i> Sandbox Tree	2	
<i>Hyacinthus orientalis</i> Hyacinth	3	46.000000000000001
<i>Hydrangea arborescens</i> Smooth Hydrangea; Hydrangea	2	
<i>Hypericum perforatum</i> Goatweed; Common St. Johnswort; Hypericum; Klamath Weed; St. John's-wort	4	
<i>Hyssopus officinalis</i> Hyssop	2	14.0
<i>Inula helenium</i> Elecampane	1	
<i>Ipomoea batatas</i> Sweet Potato	1	
<i>Iris x germanica</i> Orris	3	
<i>Isatis tinctoria</i> Dyer's Woad	2	
<i>Jasminum officinale</i> Poet's Jessamine; Jasmine	2	
<i>Juglans regia</i> English Walnut	3	
<i>Juglans nigra</i> Black Walnut	3	
<i>Juniperus communis</i> Juniper; Common Juniper	5	
<i>Kalanchoe spathulata</i> Beach Bells	2	
<i>Kalanchoe pinnata</i> Air Plant; Siempre Viva	3	
<i>Kalmia latifolia</i> Mountain Laurel; Calico Bush; Spoonwood	1	
<i>Krameria triandra</i> Rhatany	1	
<i>Lactuca sativa</i> Lettuce	3	
<i>Lantana camara</i> Wild Sage; Lantana	1	
<i>Laurus nobilis</i> Bay; Bayleaf; Bay Laurel; Grecian Laurel; Laurel; Sweet Bay	6	
<i>Lavandula x intermedia</i> Dutch Lavender; Lavandin	2	
<i>Lavandula x hybrida</i> Hybrid Lavender	1	
<i>Lavandula sp</i> Lavender	1	
<i>Lavandula latifolia</i> Aspic; Broad-Leaved Lavender; Spike Lavender	1	84.0
<i>Lavandula angustifolia</i> English Lavender	1	
<i>Ledum palustre</i> Wild Rosemary; Marsh Tea	2	
<i>Lens culinaris</i> Lentil	1	
<i>Leonurus cardiaca</i> Motherwort	2	8.0
<i>Levisticum officinale</i> Lovage	1	
<i>Ligustrum lucidum</i> White Waxtree; Chinese Privet; Ligustri Fructus; Glossy Privet; Privet	1	
<i>Ligustrum japonicum</i> Japanese Privet; Ligustri Fructus	5	
<i>Linum usitatissimum</i> Flax; Linseed	1	
<i>Lippia dulcis</i> Sweet Herb	1	
<i>Lippia alba</i> White Lippia	1	
<i>Liquidambar styraciflua</i> Sweetgum; American Styra	1	460000.0
<i>Liquidambar orientalis</i> Oriental Styra; Oriental Storax	1	300000.0

Plant	# Chemicals	Total PPM
<i>Ludwigia perennis</i> Perennial ludwigia	1	
<i>Ludwigia adscendens</i> Ascending ludwigia	1	
<i>Lycium chinense</i> Kuko (Jap.); Chinese Wolfberry; Daun Koki (Indones.); Chinese Matrimony Vine; Chinesischer Bocksdorn (Ger.); Spina Santa Cinese (Ital.); Gou Qi (Chin.); Lyciet de Chine (Fr.); Wolfberry; Chinese Boxthorn; Kaulichai (Malays.)	2	
<i>Lycium barbarum</i> Matrimony Vine; Barbary Matrimony Vine; Ning Xia Gou Qi (Chin.); Common Matrimony Vine; Duke of Argyll's Eta Tree	1	
<i>Lycopersicon esculentum</i> Tomato	8	
<i>Lythrum salicaria</i> Purple Loosestrife	1	
<i>Maclura pomifera</i> Osage-Orange; Hedge Apple	2	
<i>Magnolia officinalis</i> Magnolia-Bark; Hou Pu; Chinese Magnolia	2	
<i>Magnolia kobus</i> Hsin-I; Xin-Yi	2	
<i>Magnolia fargesii</i> Xin-Yi; Hsin-I	1	
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	2	
<i>Malus domestica</i> Apple	7	1446.0
<i>Mangifera indica</i> Mango	3	
<i>Maranta arundinacea</i> Bermuda Arrowroot; Arrowroot	2	
<i>Marrubium vulgare</i> White Horehound; Horehound	1	
<i>Matricaria recutita</i> Annual Camomile; German Camomile; Wild Camomile	3	
<i>Medicago sativa</i> Alfalfa; Lucerne	4	
<i>Melaleuca viridiflora</i> Niaouli; Broad-Leaf Tea-Tree	2	
<i>Melaleuca leucadendra</i> Cajeput	1	
<i>Melaleuca bracteata</i> Bracteate Tea-Tree	2	
<i>Melia azedarach</i> Chinaberry	4	
<i>Melilotus officinalis</i> Yellow Sweetclover	4	
<i>Melissa officinalis</i> Melissa; Balm; Lemonbalm; Bee Balm	4	
<i>Mentha x rotundifolia</i> Applemint	2	600.0
<i>Mentha x piperita</i> Peppermint	3	0.8
<i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint	1	
<i>Mentha arvensis</i> var. <i>piperascens</i> Field Mint; Cornmint; Japanese Mint	1	
<i>Menyanthes trifoliata</i> Bogbean; Marsh Trefoil; Marsh Clover; Buckbean; Bog Myrtle; Water Trefoil	3	
<i>Micromeria fruticosa</i> Zopha; Zuta; Tea Hyssop	2	
<i>Monarda fistulosa</i> Wild Bergamot	1	124.0
<i>Monarda citriodora</i> Lemon Mint	1	
<i>Morinda citrifolia</i> Noni; Indian Mulberry	1	
<i>Moringa oleifera</i> Moringa; Ben Nut; Horseradish Tree; Drumstick Tree; Jacinto (Sp.); Benzolive Tree; West Indian Ben	2	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	3	
<i>Murraya koenigii</i> Indian Curry Tree; Curry Leaf Tree; Curry Leaf	1	
<i>Musa x paradisiaca</i> Plantain; Banana	2	
<i>Myristica fragrans</i> nuez moscada (Sp.); Muskatnussbaum (Ger.); nogal moscado (Sp.); Nutmeg; Mace	3	
<i>Myroxylon balsamum</i> Peru Balsam; Tolu Balsam	4	
<i>Myrrhis odorata</i> Myrrh; Cicely; Garden Myrrh; Sweet Chervil; Sweet Cicely	1	
<i>Narcissus tazetta</i> Daffodil	2	
<i>Nelumbo nucifera</i> Water Lotus	2	

Plant	# Chemicals	Total PPM
<i>Nepeta racemosa</i> Catmint	1	
<i>Nepeta cataria</i> Catnip	1	
<i>Nerium oleander</i> Oleander	1	
<i>Nicotiana tabacum</i> Tobacco	5	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	1	
<i>Ocimum gratissimum</i> Agbo; Shrubby Basil	3	
<i>Ocimum canum</i> Hoary Basil	1	
<i>Ocimum basilicum</i> Sweet Basil; Basil; Cuban Basil	4	29520.0
<i>Oenothera biennis</i> Evening-Primrose	4	414000.0
<i>Olea europaea</i> Olive	6	
<i>Ononis spinosa</i> Hauhechel (Ger.); Spiny Restharrow; Restharrow	5	
<i>Opuntia ficus-indica</i> Prickly Pear; Nopal; Nopalito; Indian Fig	1	
<i>Origanum vulgare</i> Wild Oregano; European Oregano; Wild Marjoram; Oregano; Pot Marjoram; Common Turkish Oregano	5	264.0
<i>Origanum onites</i> Oregano; Pot Marjoram	1	
<i>Origanum minutiflorum</i> Small-Flowered Oregano	1	
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	3	
<i>Oryza sativa</i> Rice	2	1.8
<i>Paeonia suffruticosa</i> Moutan; Moutan Peony; Tree Peony	3	
<i>Paeonia officinalis</i> Double Peony	2	
<i>Paeonia moutan</i> Moutan; Tree Peony	3	
<i>Paeonia lactiflora</i> Common Garden Peony; Bai Shao (Chinese); Peony; Chih-Shao; White Peony	3	44000.0
<i>Panax quinquefolius</i> American Ginseng; Ginseng	3	
<i>Panax notoginseng</i> Sanchi Ginseng	1	
<i>Panax ginseng</i> Chinese Ginseng; Korean Ginseng; Oriental Ginseng; Ginseng	4	
<i>Papaver somniferum</i> Opium Poppy; Poppysseed Poppy	1	
<i>Passiflora incarnata</i> Mayapple; Passionflower; Manzana de Mayo	2	
<i>Pastinaca sativa</i> Parsnip	2	
<i>Perilla frutescens</i> Perilla	3	
<i>Persea americana</i> Avocado	2	
<i>Petasites japonicus</i> Butterbur	1	
<i>Petasites hybridus</i> European Butterbur	2	
<i>Petiveria alliacea</i> Anamu; Mucura; Guinea Hen Leaf	2	
<i>Petroselinum crispum</i> Parsley	5	
<i>Peumus boldus</i> Boldo	2	158.0
<i>Phaseolus vulgaris</i> Field Bean; Popping Bean; Wax Bean; String Bean; Snap Bean; Garden Bean; Haricot Vert; Navy Bean; Dwarf Bean; French Bean; Haricot; Green Bean; Pop Bean; Haricot Bean; Black Bean; Flageolet Bean; Kidney Bean	2	
<i>Phoenix dactylifera</i> Date Palm	4	
<i>Phyllanthus niruri</i> Seed On The Leaf	1	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	2	
<i>Physalis peruviana</i> Cape Gooseberry; Ground Cherry	1	
<i>Picrorhiza kurrooa</i> Picrorhiza	1	
<i>Pimenta racemosa</i> Bayrum Tree; West Indian Bay	1	

Plant	# Chemicals	Total PPM
<i>Pimenta dioica</i> Allspice; Jamaica-Pepper; Pimenta; Clover-Pepper; Pimento	1	
<i>Pimpinella anisum</i> Sweet Cumin; Anise	5	1800.0
<i>Pinus sylvestris</i> Scotch Pine	7	
<i>Pinus mugo</i> Dwarf Pine; Swiss Mountain Pine	4	
<i>Piper nigrum</i> Black Pepper; White Pepper; Pepper	6	
<i>Piper methysticum</i> Kava-Kava	3	
<i>Piper auritum</i> Cordoncillo; Hierba Santa; Hoja Santa	1	
<i>Pistacia lentiscus</i> Mastic; Mastixbaum (Ger.); Mastictree; Lentisco (Sp.); Chios Mastictree	2	
<i>Pisum sativum</i> Pea	2	1000.0
<i>Plantago major</i> Common Plantain	3	
<i>Plumeria acutifolia</i> Frangipani	2	
<i>Podophyllum pleianthum</i> Chinese Mayapple	2	
<i>Podophyllum peltatum</i> Mayapple	2	100000.0
<i>Podophyllum hexandrum</i> Himalayan Mayapple	2	
<i>Pogostemon cablin</i> Patchouli	2	
<i>Polygala senega</i> Senega; Seneca Snakeroot	1	
<i>Polygonum hydropiperoides</i> Mild Water Pepper	3	
<i>Polygonum hydropiper</i> Common Smartweed	2	
<i>Polygonum aviculare</i> Prostrate Knotweed	1	
<i>Polypodium vulgare</i> Common Polypody; Sweet Fern	1	
<i>Populus tacamahacca</i> Balm Of Gilead	2	
<i>Populus balsamifera</i> Balsam Poplar	2	
<i>Prosopis juliflora</i> Mesquite	1	
<i>Prunella vulgaris</i> Self-Heal; Heal-All	2	
<i>Prunus spinosa</i> Blackthorn; Sloe	2	
<i>Prunus serotina</i> Wild Cherry; Black Cherry	4	
<i>Prunus persica</i> Peach	5	
<i>Prunus laurocerasus</i> Cherry Laurel	4	3648.0
<i>Prunus dulcis</i> Almond	4	65600.0
<i>Prunus domestica</i> Plum	3	
<i>Prunus cerasus</i> Sour Cherry	4	24.0
<i>Prunus armeniaca</i> Apricot	3	
<i>Psidium guajava</i> Guava	4	
<i>Psidium cattleianum</i> Strawberry Guava	2	
<i>Pteridium aquilinum</i> Bracken Fern; Bracken	5	
<i>Pterocarpus marsupium</i> Indian Kino; Malabar Kino; bijasal	2	
<i>Pueraria montana</i> Kudsu; Kudzu	2	
<i>Punica granatum</i> Romanzeiro (Port.); Mangrano (Sp.); Granatapfelstrauch (Ger.); Granatapfelbaum (Ger.); Pomegranate; Granado (Sp.); Grenadier (Fr.); Zakuro (Jap.)	5	
<i>Pycnanthemum pilosum</i> Pilose Mountain Mint	1	
<i>Pyrus communis</i> Pear	2	56.0
<i>Quercus velutina</i> Black Oak	1	
<i>Quercus rubra</i> Northern Red Oak	1	

Plant	# Chemicals	Total PPM
<i>Quercus robur</i> English Oak	1	
<i>Quercus infectoria</i> Aleppo Oak; Dyer's Oak; Gall Oak	1	
<i>Quercus alba</i> White Oak	1	
<i>Raphanus sativus</i> Radish	1	182.0
<i>Rheum rhabarbarum</i> Rhubarb	2	88.0
<i>Rheum palmatum</i> Chinese Rhubarb	2	
<i>Rheum officinale</i> Chinese Rhubarb	1	
<i>Rhododendron ponticum</i> Pontic Alpenrose	1	
<i>Rhododendron ferrugineum</i> Rusty-Leaved Alpenrose	1	
<i>Rhododendron dauricum</i> Chinese Alpenrose	2	
<i>Rhus toxicodendron</i> Poison Ivy	2	
<i>Rhus coriaria</i> Sicilian Sumac; Sumac; Tanner's Sumac	1	
<i>Rhynchosia minima</i> Burn Mouth Vine	1	
<i>Ribes uva-crispa</i> Gooseberry	1	
<i>Ribes nigrum</i> Black Currant	7	
<i>Ricinus communis</i> Castorbean	3	
<i>Robinia pseudoacacia</i> Black Locust	2	
<i>Rosa</i> spp Rose Hips	1	
<i>Rosa gallica</i> French Rose	1	
<i>Rosa damascena</i> Damask Rose	2	
<i>Rosa canina</i> Dogbrier; Dog Rose; Rose	2	
<i>Rubus spectabilis</i> Salmonberry	2	
<i>Rubus parviflorus</i> Salmonberry; Thimbleberry	2	
<i>Rubus idaeus</i> Raspberry; Red Raspberry	6	
<i>Rubus fruticosus</i> Blackberry	1	
<i>Rumex crispus</i> Yellow Dock; Sour Dock; Lengua De Vaca; Curly Dock	1	
<i>Rumex acetosa</i> Garden Sorrel	1	
<i>Ruta graveolens</i> Rue	2	
<i>Salix alba</i> White Willow	2	
<i>Salvia</i> sp. Chia	1	
<i>Salvia sclarea</i> Clary Sage	3	3680.0
<i>Salvia officinalis</i> Sage	2	
<i>Sambucus nigra</i> European Elder; European Alder; Black Elder; European Elderberry; Elder	4	
<i>Sambucus canadensis</i> Sweet Elder; American Elderberry; Elderberry; American Elder	1	
<i>Sanguisorba officinalis</i> Greater Burnet	2	
<i>Sanguisorba minor</i> Small Burnet	3	
<i>Santolina chamaecyparissus</i> Lavender Cotton	1	
<i>Sassafras albidum</i> Sassafras	1	
<i>Satureja obovata</i> Iberian Savory; Savory	1	
<i>Schinus terebinthifolius</i> Brazilian Peppertree	2	
<i>Schinus molle</i> California Peppertree; Mastic-Tree; Peruvian Peppertree	3	
<i>Schisandra chinensis</i> Five-Flavor-Fruit; Chinese Magnolia Vine; Wu Wei Zi; Schizandra; Wu Wei Zu; Magnolia Vine	1	

Plant	# Chemicals	Total PPM
<i>Scutellaria baicalensis</i> Chinese Skullcap; Huang Qin; Baikal Skullcap	1	
<i>Senna occidentalis</i> Coffee Senna	1	
<i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto	3	
<i>Sesamum indicum</i> Ajonjoli (Sp.); Sesamo (Sp.); Sesame; Benneseed; Beni	2	
<i>Silybum marianum</i> Lady's Thistle; Milk Thistle	2	
<i>Skimmia arborescens</i> Skimmia	1	
<i>Solanum tuberosum</i> Potato	5	254.0
<i>Solidago virgaurea</i> Woundwort; European Goldenrod	1	
<i>Solidago gigantea</i> Early Goldenrod	4	
<i>Sophora japonica</i> Japanese Pagoda Tree	3	
<i>Sorbus aucubaria</i> Rowan Berry	4	
<i>Spartium junceum</i> Genet; Weaver's Broom; Spanish Broom	1	
<i>Spinacia oleracea</i> Spinach	4	304.0
<i>Stachys officinalis</i> Wood Betony; Bishop's-Wort; Betony; Purple Betony	1	
<i>Stachytarpheta cayennensis</i> Verbena	1	
<i>Stevia rebaudiana</i> Ca-A-E; Sweet Leaf of Paraguay; Stevia	1	
<i>Styrax tonkinensis</i> Siam Benzoin	2	2.0
<i>Styrax benzoin</i> Styrax; Benzoin; Onycha	3	
<i>Syringa vulgaris</i> Lilac	2	
<i>Syzygium aromaticum</i> Clovetree; Clove	5	4.0
<i>Tabebuia impetiginosa</i> Taheebo; Pau d'arco	3	
<i>Tagetes patula</i> French Marigold	3	
<i>Tagetes minuta</i> Aztec Marigold; Muster John Henry; Dwarf Marigold; Stinking-Roger; Wild Marigold; Mexican Marigold	2	
<i>Tagetes lucida</i> Anise Marigold; Sweet-Mace; Sweet-Scent Mexican Marigold; Sweet-Scent Marigold	1	
<i>Tagetes erecta</i> Aztec Marigold; Marigold	1	
<i>Tamarindus indica</i> Tamarind; Indian Tamarind; Kilytree	1	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Tanacetum parthenium</i> Feverfew	2	
<i>Taraxacum officinale</i> Dandelion	3	
<i>Taxus baccata</i> Common Yew	4	
<i>Telosma cordata</i> Merrill flowers	1	
<i>Terminalia ivorensis</i> Blackbark; Shinglewood; Emire; Satinwood; Black Afara; Brimstonewood; Idigbo	1	
<i>Terminalia chebula</i> Chebulic Myrobalan; Black Myrobalan; Ink Nut; Myrobalan	2	
<i>Terminalia catappa</i> Indian Almond; Malabar Almond; Tropical Almond	2	
<i>Teucrium scordium</i> Water Germander	1	
<i>Teucrium polium</i> Golden Germander	1	
<i>Teucrium montanum</i> Mountain Germander	1	
<i>Teucrium botrys</i> Field Germander	1	
<i>Theobroma cacao</i> Cacao	4	
<i>Thespesia populnea</i> Indian tulip tree	2	
<i>Thevetia peruviana</i> Adelfa Amarilla (Sp.); Chirca (Sp.); Yellow Oleander; Cabalonga (Sp.); Loandro-Amarelo (Port.); Peruvian Yellow Oleander; Oleandre Jaune (Fr.); Thevetie (Ger.); Luckynut	2	

Plant	# Chemicals	Total PPM
<i>Thymus vulgaris</i> Garden Thyme; Common Thyme; Thyme	4	840.0
<i>Thymus serpyllum</i> Creeping Thyme	1	
<i>Thymus longicaulis</i> Kekik; Tas Kekik	1	
<i>Thymus capitatus</i> Spanish Thyme; 'Sicilian' Thyme; Spanish Origanum	1	
<i>Tilia</i> sp. Lime; Basswood; Linden	2	
<i>Tribulus terrestris</i> Puncture-vine	2	
<i>Tridax procumbens</i> Coatbuttons; Mexican daisy	1	
<i>Trifolium pratense</i> Red Clover; Peavine Clover; Purple Clover; Cowgrass	4	
<i>Trigonella foenum-graecum</i> Fenugreek; Alholva (Sp.); Greek Hay; Bockshornklee (Ger.); Greek Clover	3	
<i>Triticum aestivum</i> Wheat	4	62.0
<i>Tsuga canadensis</i> Eastern Hemlock	1	
<i>Turnera diffusa</i> Damiana	1	14000.0
<i>Tussilago farfara</i> Coltsfoot	1	
<i>Umbellularia californica</i> California Bay	1	2240.0
<i>Uncaria guianensis</i> Ungunagi; Garabato Colorado; Cat's Claw; Una de Gato; Tambor Huasca	1	
<i>Uncaria catechu</i> Gambir; Pale Catechu	1	
<i>Urginea maritima</i> European Squill	2	
<i>Urtica dioica</i> Stinging Nettle; European Nettle	5	
<i>Vaccinium vitis-idaea</i> Cowberry; Lingonberry; Lingen	4	185440.0
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Bilberry; Whortleberry	8	
<i>Vaccinium macrocarpon</i> Large Cranberry; Cranberry; American Cranberry	5	500.0
<i>Vaccinium corymbosum</i> Blueberry	3	
<i>Valeriana officinalis</i> Common Valerian; Garden-Heliotrope; Valerian	3	
<i>Vanilla tahitensis</i> Tahiti Vanilla	1	
<i>Vanilla planifolia</i> Bourbon Vanilla; Vanilla	9	
<i>Verbena officinalis</i> Vervain	1	
<i>Vetiveria zizanioides</i> Cuscus Grass; Cus-Cus; Vetiver	1	
<i>Viburnum prunifolium</i> Black Haw	1	
<i>Viburnum opulus</i> Guelder Rose; Crampbark; Snowballbush; European Cranberry Bush	4	
<i>Vicia faba</i> Habas; Broadbean; Faba Bean	2	
<i>Vigna radiata</i> Green Gram; Mungbean	3	
<i>Vinca minor</i> Running-Myrtle; Periwinkle	2	
<i>Viola tricolor</i> Wild Violet; Pansy	2	
<i>Viola odorata</i> Sweet Violet; Common Violet	2	
<i>Vitex agnus-castus</i> Chaste-Tree	1	
<i>Vitis vinifera</i> Vid (Sp.); Parra (Sp.); European Grape; Grapevine; Weinrebe (Ger.); Wine Grape; Vigne Vinifere (Fr.); Grape	7	
<i>Withania somnifera</i> Ashwagandha	1	
<i>Zanthoxylum alatum</i> Wartara Oil Tree; Indian Prickly Ash	1	
<i>Zea mays</i> Corn	5	94.0
<i>Zingiber officinale</i> Ginger	6	54038.0