

A Spasmogenic

*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>Abies spectabilis</i>	3	
<i>Abies sachalinensis</i> Japanese Fir; Shin-Yo-Yu	2	14760.0
<i>Abies balsamea</i> Balsam Fir	2	12000.0
<i>Abies alba</i> Silver-Fir	3	3736.0
<i>Achillea millefolium</i> Milfoil; Yarrow	5	8530.0
<i>Achyranthes aspera</i> Chaff Flower	1	
<i>Acinos suaveolens</i>	4	
<i>Acinos alpinus</i> Te de Sierra Nevada	4	
<i>Acorus calamus</i> Calamus; Sweetroot; Sweet Calamus; Flagroot; Sweetflag; Myrtle Flag	5	1980.0
<i>Aegle marmelos</i> Bael fruit; Bael de India	1	
<i>Aeolanthus myriantha</i> Ninde	1	
<i>Agastache urticifolia</i> Nettle-Leaf Giant Hyssop	2	156.0
<i>Agastache rugosa</i>	2	
<i>Agastache nepetoides</i>	3	
<i>Agastache foeniculum</i> Giant Hyssop	3	
<i>Agathosma betulina</i> Honey Buchu; Mountain Buchu; Buchu	3	
<i>Ageratum conyzoides</i> Mexican ageratum	4	
<i>Aloysia citrodora</i> Lemon Verbena	5	924.0
<i>Alpinia officinarum</i> Lesser Galangal; Chinese Ginger	3	
<i>Alpinia galanga</i> Greater Galangal; Siamese Ginger; Languas	4	
<i>Amomum xanthioides</i> Chin Kousha; Tavoy Cardamom; Bastard Cardamom; Malabar Cardamom	2	
<i>Amomum compactum</i> Siam Cardamom; Round Cardamom; Chester Cardamom; Java Cardamom	3	
<i>Ananas comosus</i> Pineapple	1	
<i>Anethum graveolens</i> Garden Dill; Dill	4	2002.0
<i>Angelica sinensis</i> Dang Quai; Dong Gui; Dong Quai; Dang Qui; Chinese Angelica; Dang Gui	1	
<i>Angelica archangelica</i> Wild Parsnip; Angelica; Garden Angelica	4	8073.0
<i>Annona squamosa</i> Sugar-Apple; Sweetsop	2	
<i>Annona cherimola</i> Cherimoya	1	
<i>Apium graveolens</i> Celery	4	30100.0
<i>Aralia cordata</i> Udo	3	1030.0
<i>Areca catechu</i> Betel Nut; Pin-Lang	1	2000.0
<i>Argemone mexicana</i> Prickly Poppy	1	1680.0
<i>Artemisia vulgaris</i> Mugwort	3	
<i>Artemisia salsoloides</i>	5	
<i>Artemisia herba-alba</i> Desert Wormwood	3	
<i>Artemisia dracunculus</i> Tarragon	4	3000.0
<i>Artemisia cina</i> Levant Wormseed	1	48000.0
<i>Artemisia annua</i> Annual Mugwort (GRIN); Sweet Annie; Sweet Wormwood (GRIN); Qinghao; Annual Wormwood (GRIN)	5	20720.0
<i>Artemisia absinthium</i> Wormwood	3	

Plant	# Chemicals	Total PPM
<i>Artocarpus heterophyllus</i> Jackfruit	1	
<i>Asiasarum heterotropoides</i> Asian Wild Ginger	1	
<i>Ballota nigra</i> Black Horehound	2	8.0
<i>Barosma betulina</i> Buchu	3	
<i>Bocconia frutescens</i> Tree Poppy	1	
<i>Bocconia arborea</i> Tree Poppy	1	
<i>Boswellia serrata</i> Indian Frankincense; Kundur Luban; Salaki; Salai; Salai Guggal; Indian Olibanum-Tree	2	
<i>Boswellia sacra</i> Frankincense; Oliban (Sp.); Weihrauchpflanze (Ger.); Weihrauchbaum (Ger.); Olibanum; Olibanum Tree; arbol del incensio (Sp.)	1	
<i>Brassica oleracea</i> var. <i>sabellica</i> I. Scotch Kale; Kale; Curly Kale; Kitchen Kale	1	
<i>Brassica oleracea</i> var. <i>capitata</i> I. Red Cabbage; White Cabbage; Cabbage	2	
<i>Calamintha nepeta</i> Turkish Calamint	4	
<i>Callicarpa americana</i> American Beauty Berry; French Mulberry; Beauty Berry	5	
<i>Calotropis</i> sp. Giant Milkweed	1	
<i>Camellia sinensis</i> Tea	2	281800.0
<i>Cannabis sativa</i> Hemp; Marijuana; Indian Hemp; Marihuana	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	2	
<i>Capsicum frutescens</i> Chili; Cayenne; Spur Pepper; Hot Pepper; Red Chili; Tabasco	3	
<i>Capsicum annuum</i> Cherry Pepper; Sweet Pepper; Cone Pepper; Green Pepper; Paprika; Bell Pepper	5	1000.0
<i>Carica papaya</i> Papaya	2	
<i>Carum carvi</i> Caraway; Kummel (Ger.); Carum; Comino (Sp.); Comino de prado (Sp.)	5	4244.0
<i>Centella asiatica</i> Pennywort; Gotu Kola	4	
<i>Chamaemelum nobile</i> Garden Camomile; Perennial Camomile; Roman Camomile	6	
<i>Chelidonium majus</i> Celandine	2	
<i>Chenopodium ambrosioides</i> Wormseed; Epazote	1	9600.0
<i>Chrysanthemum x morifolium</i> Mum; Chrysanthemum; Florist's Chrysanthemum; Ju Hua (Pinyin)	5	
<i>Chrysanthemum parthenium</i> Feverfew	5	
<i>Chrysanthemum balsamita</i> Balsamite; Costmary	4	
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	6	3208.0
<i>Cinnamomum camphora</i> Camphor; Ho Leaf	6	6336.0
<i>Cinnamomum aromaticum</i> Zimtcassie (Ger.); Canelero chino (Sp.); Cassia Lignea; Chinese Cinnamon; Cassia; Cannelier de Chine (Fr.); China Junk Cassia; Canela de la China (Sp.); Chinese Cassia; Chinazimt (Ger.); Kashia-Keihi (Jap.); Chinesischer Zimtbaum (Ger.); Saigon Cinnamon; Cassia Bark; Cannelle de Cochinchine (Fr.); Cannelier Casse (Fr.)	5	
<i>Cistus ladaniferus</i> Labdanum; Gum Cistus; Rockrose; Ambreine	4	65660.0
<i>Citrullus lanatus</i> Watermelon	1	
<i>Citrus sinensis</i> Orange	5	236.6
<i>Citrus reticulata</i> Tangerine; Mandarin	5	956.0
<i>Citrus paradisi</i> Grapefruit	5	58.0
<i>Citrus mitis</i> Calamansi; Calamondin	2	
<i>Citrus medica</i> Citron	1	
<i>Citrus limon</i> Lemon	5	100.0
<i>Citrus aurantium</i> Petitgrain; Bitter Orange	5	344.0
<i>Citrus aurantiifolia</i> Lime	5	3320.0

Plant	# Chemicals	Total PPM
<i>Cleistocalyx fullageri</i>	1	
<i>Cleonia lusitanica</i> Spanish Heal-All	4	
<i>Coffea arabica</i> Coffee	1	64000.0
<i>Cola acuminata</i> Abata Cola	1	50000.0
<i>Collinsonia canadensis</i> Stone Root	2	
<i>Commiphora myrrha</i> Somali Myrrh; Myrrhe (Fr., Ger.); Mirra (Sp. It.); Herabol Myrrh; Myrrh; African Myrrh	1	
<i>Coriandrum sativum</i> Cilantro; Coriander; Chinese Parsley	6	28066.0
<i>Coridothymus capitatus</i> Spanish Oregano	4	
<i>Corydalis</i> spp Fumewort	1	
<i>Crataegus</i> sp.	1	
<i>Crataegus rhipidophylla</i> Hawthorn	2	
<i>Crataegus monogyna</i> Hawthorn; English Hawthorn	1	
<i>Crataegus laevigata</i> Woodland Hawthorn; English Hawthorn; Whitethorn; Hawthorn	2	
<i>Crocus sativus</i> Saffron	5	
<i>Croton lechleri</i> Dragons Blood; Sangre de Drago; Sangre de Dragon; Sangre de Grado	3	
<i>Croton eluteria</i> Cascarilla	3	
<i>Cucumis melo</i> Muskmelon; Persian Melon; Cantaloupe; Melon; Nutmeg Melon; Netted Melon	1	
<i>Cuminum cyminum</i> Cumin	5	14190.0
<i>Cunila origanoides</i> Mountain Dittany; Dittany; American Dittany; Maryland Dittany; Frost Flower; Frost Mint; Stone Mint	4	3024.0
<i>Curcuma zedoaria</i> Shoti; Zedoary	2	3840.0
<i>Curcuma longa</i> Turmeric; Indian Saffron	5	10295.0
<i>Cymbopogon winterianus</i> Mahapengiri; Java Citronella	1	
<i>Cymbopogon nardus</i> Ceylon Citronella; Citronella	3	2544.0
<i>Cymbopogon citratus</i> West Indian Lemongrass; Lemongrass	2	
<i>Cyperus rotundus</i> Nutsedge	3	
<i>Daucus carota</i> Carrot	5	14092.0
<i>Dictamnus albus</i> Gazelotu; Gas Plant; Akgiritotu; Dittany; Burning Bush	3	
<i>Digitalis purpurea</i> Purple Foxglove	1	
<i>Digitalis lanata</i> Grecian Foxglove	1	
<i>Dracocephalum thymiflora</i> Thyme-Flowered Moldavica	3	276.0
<i>Echinacea</i> spp Coneflower; Echinacea	2	
<i>Elettaria cardamomum</i> Cardamom	6	120368.0
<i>Elsholtzia polystachya</i> Bush Mint	5	
<i>Elsholtzia pilosa</i> Hairy Mint Shrub	5	
<i>Elsholtzia cristata</i> Furan Chemotype	4	
<i>Elsholtzia blanda</i> Bantulsi; Bantaluki	4	
<i>Ephedra sinica</i> Ma Huang; Chinese Ephedra	1	
<i>Eryngium foetidum</i> Shadow-Beni; False Coriander; Stinkweed; Culantro; Cilantro; Stinkdistel (Ger.)	1	
<i>Eschscholzia californica</i> California Poppy	1	
<i>Eucalyptus viridis</i>	3	
<i>Eucalyptus tetraptera</i>	3	
<i>Eucalyptus tereticornis</i>	5	

Plant	# Chemicals	Total PPM
Eucalyptus stoatei	3	
Eucalyptus sparsa	3	
Eucalyptus sp Gum	1	
Eucalyptus sideroxylon	5	
Eucalyptus siderophloia	5	
Eucalyptus saligna	5	
Eucalyptus punctata	5	
Eucalyptus porosa	3	
Eucalyptus populnea	3	
Eucalyptus polyanthemos	5	
Eucalyptus paniculata	4	
Eucalyptus oviformis	5	
Eucalyptus odorata	3	
Eucalyptus ochrophloia	3	
Eucalyptus occidentalis	5	
Eucalyptus nova-anglica New England 'peppermint'	4	
Eucalyptus moluccana	5	
Eucalyptus melliodora	5	
Eucalyptus melanophloia	3	
Eucalyptus maideni	5	
Eucalyptus maculata Gum	5	
Eucalyptus leucoxylon	3	
Eucalyptus largisparsa	3	
Eucalyptus lansdowneana	3	
Eucalyptus intertexta	3	
Eucalyptus incrassata	3	
Eucalyptus globulus Blue Gum; Tasmanian Bluegum; Eucalypt	6	79800.0
Eucalyptus forrestiana	3	
Eucalyptus fasciculosa	3	
Eucalyptus erythrandra	3	
Eucalyptus dolichorhyncha	3	
Eucalyptus diversicolor	5	
Eucalyptus desquamata	3	
Eucalyptus dealbata	5	
Eucalyptus cuprea	3	
Eucalyptus cladocalyx	5	
Eucalyptus citriodora Spotted Gum; Lemon-Scented Gum; Citron-Scented Gum; Lemon Eucalyptus	5	8560.0
Eucalyptus ceratocorys	3	
Eucalyptus camaldulensis	5	
Eucalyptus bridgesiana Bridges' Eucalyptus	2	
Eucalyptus brassiana Brasses' Eucalyptus	5	
Eucalyptus botryoides	5	

Plant	# Chemicals	Total PPM
<i>Eucalyptus bosistoana</i>	5	
<i>Eucalyptus blakelyi</i>	5	
<i>Eucalyptus behriana</i>	3	
<i>Eucalyptus astringens</i>	5	
<i>Eucalyptus angulosa</i>	3	
<i>Eucalyptus albens</i>	5	
<i>Ferula jaeschkeana</i> Jaechke's Ferula	1	19000.0
<i>Ferula gummosa</i> Galbanum	2	
<i>Ferula assa-foetida</i> Asafetida (Sp.); Asafetida; test; Asafoetida; Stinkasant (Ger.); Assa-foetida; Devil's Dung	2	
<i>Firmiana simplex</i> Chinese Parasol	1	
<i>Foeniculum vulgare</i> Fennel	7	22132.0
<i>Galipea officinalis</i> Angostura	1	
<i>Genipa americana</i> Jagua; Genipap	1	
<i>Glaucium flavum</i> Horned Poppy	1	
<i>Glechoma hederacea</i> Alehoof	4	114.0
<i>Gossypium</i> sp Cotton	2	
<i>Guazuma ulmifolia</i> Bay Cedar	1	
<i>Hedeoma reverchonii</i> Reverchon's Pennyroyal	4	4166.0
<i>Hedeoma pulegioides</i> American Pennyroyal	3	840.0
<i>Hedeoma hispida</i> Hispid Pennyroyal	3	212.0
<i>Hedeoma drummondii</i> Drummond's Pennyroyal	4	21124.0
<i>Hedychium flavum</i> Yellow Ginger Lily	2	
<i>Helianthus annuus</i> Girasol; Sunflower	5	
<i>Helichrysum angustifolium</i> Immortelle; Everlasting	1	
<i>Hesperis matronalis</i> Damask-Violet; Dame's Rocket; Sweet Rocket; Dame's-Violet	2	
<i>Hibiscus sabdariffa</i> Malventee (Ger.); Acedera de Guinea (Sp.); Indian Sorrel; Rosa de Jamaica (Sp.); Kharkadi; Sereni (Sp.); Roselle; Jamaica Sorrel; Rosella (Ger.); Red Sorrel; Sorrel	1	
<i>Hippophae rhamnoides</i> Sea Buckthorn; Yellow Spine; Sallow Thorn	1	
<i>Houttuynia cordata</i> Fishwort; Dokudami; Yu Xing Cao	4	
<i>Humulus lupulus</i> Hops	3	
<i>Hypericum perforatum</i> St. John's-wort; Common St. Johnswort; Goatweed; Klamath Weed; Hypericum	4	
<i>Hyptis suaveolens</i> Wild Hops	5	9800.0
<i>Hyssopus officinalis</i> Hyssop	5	14571.0
<i>Ilex paraguariensis</i> South American Holly; Paraguay Tea; Mate	1	40000.0
<i>Illicium verum</i> Chinesischer Sternanis (Ger.); anis de China (Sp.); anis estrellado (Sp.); Chinese Star Anise; Star Anise; Sternanis (Ger.)	5	9764.0
<i>Isanthus brachiatus</i> False Pennyroyal	3	1640.0
<i>Jatropha gossypifolia</i> Spanish Physic Nut	1	
<i>Juglans nigra</i> Black Walnut	2	
<i>Juniperus virginiana</i> Red Cedar	1	
<i>Juniperus sabina</i> Sabine	4	
<i>Juniperus oxycedrus</i> Prickly Juniper; Brown Juniper; Cade Oil; Spanish Cedar; Cade	1	
<i>Juniperus macropoda</i> Himalayan Juniper; Indian Juniper	1	

Plant	# Chemicals	Total PPM
<i>Juniperus communis</i> Juniper; Common Juniper	4	21040.0
<i>Kaempferia galanga</i> Galanga; Maraba	1	
<i>Lantana camara</i> Lantana; Wild Sage	5	480.0
<i>Larrea tridentata</i> Creosote Bush; Chaparral	1	
<i>Laurus nobilis</i> Grecian Laurel; Bay Laurel; Laurel; Bay; Sweet Bay; Bayleaf	5	47457.0
<i>Lavandula x intermedia</i> Lavandin; Dutch Lavender	6	2720.0
<i>Lavandula x hybrida</i> Hybrid Lavender	5	
<i>Lavandula latifolia</i> Aspic; Spike Lavender; Broad-Leaved Lavender	5	9596.0
<i>Lavandula angustifolia</i> English Lavender	4	
<i>Leonotis leonurus</i> Lion's Ear	2	
<i>Leonurus cardiaca</i> Motherwort	2	60.0
<i>Lepechinia schiediana</i> Schiede's Lepechinia	3	6480.0
<i>Lepechinia calycina</i> Epling's Lepechinia	5	3810.0
<i>Leptospermum polygalifolium</i>	1	
<i>Levisticum officinale</i> Lovage	5	980.0
<i>Lindera benzoin</i> Benjamin Bush; Wild Allspice; Spicebush; Fieberstrauch (Ger.)	5	
<i>Lippia alba</i> White Lippia	2	
<i>Litsea glaucescens</i> Mexican bay	5	
<i>Lonicera japonica</i> Japanese Honeysuckle	1	
<i>Lycopersicon esculentum</i> Tomato	3	
<i>Lycopus virginicus</i> Bugle	4	2380.0
<i>Lycopus uniflorus</i> One-Flowered Bugle	2	268.0
<i>Macleaya cordata</i> Plume Poppy	1	
<i>Magnolia officinalis</i> Magnolia-Bark; Chinese Magnolia; Hou Pu	2	
<i>Magnolia kobus</i> Hsin-I; Xin-Yi	1	
<i>Magnolia fargesii</i> Hsin-I; Xin-Yi	1	
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	5	
<i>Mangifera indica</i> Mango	2	
<i>Marrubium vulgare</i> Horehound; White Horehound	3	
<i>Melaleuca viridiflora</i> Broad-Leaf Tea-Tree; Niaouli	1	
<i>Melaleuca</i> sp Tea-Tree	1	
<i>Melaleuca linariifolia</i> Paperbark Tea_tree	2	
<i>Melaleuca leucadendra</i> Cajuput	1	
<i>Melaleuca cajuputi</i> Vietnamese Cajuput Oil	3	
<i>Melaleuca alternifolia</i> Teatree	5	
<i>Meleleuca howeana</i>	1	
<i>Mentha x rotundifolia</i> Applemint	3	1560.0
<i>Mentha x piperita</i> Peppermint	7	5826.0
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	4	26350.0
<i>Mentha pulegium</i> European Pennyroyal	6	1836.0
<i>Mentha longifolia</i> Biblical Mint	5	27420.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Field Mint; Cornmint; Japanese Mint	4	3490.0

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<i>Mentha aquatica</i> Water Mint	4	766.0
<i>Micromeria varia</i> Madeiran 'Hyssop'	4	
<i>Micromeria thymifolia</i>	5	
<i>Micromeria teneriffae</i>	5	
<i>Micromeria myrtifolia</i> Haydarotu; Dagcayi; Topukcayi	5	
<i>Micromeria juliana</i>	4	
<i>Micromeria fruticosa</i> Zopha; Zuta; Tea Hyssop	5	
<i>Micromeria dalmatica</i>	3	
<i>Micromeria croatica</i>	3	
<i>Micromeria congesta</i> Kaya Yarpuzu	5	
<i>Minthostachys mollis</i> Tipo; Muna	2	
<i>Moldavica thymiflora</i> Thyme-Flowered Moldavica	3	
<i>Momordica charantia</i> Sorosi; Bitter Melon	1	
<i>Monarda russeliana</i> Russel's Monarda	2	678.0
<i>Monarda punctata</i> Horsemint	5	25296.0
<i>Monarda media</i> Mean Monarda	3	4032.0
<i>Monarda lindheimeri</i> Lindheimer's Monarda	3	1420.0
<i>Monarda fistulosa</i> Wild Bergamot	5	21942.0
<i>Monarda didyma</i> Beebalm; Oswego Tea	5	8344.0
<i>Monarda clinopodia</i> Clinopod Bergamot	3	3072.0
<i>Monarda citriodora</i> Lemon Mint	5	1706.0
<i>Montanoa tomentosa</i> Montanoa	1	
<i>Mucuna pruriens</i> Velvetbean; Cowage	1	
<i>Murraya</i> sp None	2	
<i>Murraya koenigii</i> Curry Leaf Tree; Curry Leaf; Indian Curry Tree	4	
<i>Musa x paradisiaca</i> Banana; Plantain	2	
<i>Myrciaria dubia</i> Camo Camo (Peru); Camu-camu Negro (Peru); Guapuro Blanco (Bol.); Camu-camu (Eng.,Peru,Scn.,Sp.); Araza de Agua (Sp.); Rumberry (Eng.)	4	
<i>Myrica cerifera</i> Bayberry; Wax Myrtle; Candle-Berry; Southern Bayberry	1	
<i>Myristica fragrans</i> Muskatnussbaum (Ger.); nuez moscada (Sp.); Mace; nogal moscado (Sp.); Nutmeg	6	16800.0
<i>Myroxylon balsamum</i> Tolu Balsam; Peru Balsam	1	
<i>Myrrhis odorata</i> Sweet Cicely; Cicely; Myrrh; Sweet Chervil; Garden Myrrh	1	
<i>Myrtus communis</i> Myrtle; Arrayan (Sp.); Myrte (Ger.); Mirto (Sp.)	5	7046.0
<i>Nandina domestica</i> Nanten (Jap.); Heavenly Bamboo; Sacred Bamboo; Southern Heaven Bamboo	1	
<i>Nardostachys jatamansi</i> Spikenard; Indian Nard	2	
<i>Nepeta racemosa</i> Catmint	5	
<i>Nepeta cilicia</i> Cilician Catmint	1	
<i>Nicotiana tabacum</i> Tobacco	1	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	4	
<i>Ocimum suave</i> Kenyan Tree Basil	1	
<i>Ocimum kilimandscharicum</i> Kenyan Perennial Basil; African Blue Basil	4	
<i>Ocimum gratissimum</i> Agbo; Shrubby Basil	5	
<i>Ocimum canum</i> Hoary Basil	3	

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<i>Ocimum basilicum</i> Basil; Sweet Basil; Cuban Basil	6	2411.0
<i>Oenanthe javanica</i> Javan Water Dropwort	2	
<i>Oenanthe aquatica</i> Water Fennel; Water Hemlock	2	
<i>Opuntia ficus-indica</i> Nopalito; Nopal; Prickly Pear; Indian Fig	1	14210.0
<i>Origanum vulgare</i> Wild Oregano; Oregano; Pot Marjoram; Common Turkish Oregano; Wild Marjoram; European Oregano	5	1586.0
<i>Origanum syriacum</i> Za'Atar	4	
<i>Origanum sipyleum</i> Bayircayi; Guveyoto	5	
<i>Origanum onites</i> Pot Marjoram; Oregano	5	234.0
<i>Origanum minutiflorum</i> Small-Flowered Oregano	5	
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	3	3120.0
<i>Origanum creticum</i> Dittany Of Crete	1	
<i>Panax ginseng</i> Ginseng; Oriental Ginseng; Korean Ginseng; Chinese Ginseng	1	
<i>Papaver somniferum</i> Opium Poppy; Poppseed Poppy	2	
<i>Papaver bracteatum</i> Great Scarlet Poppy	1	
<i>Pastinaca sativa</i> Parsnip	3	
<i>Paullinia yoko</i> Yoko	1	54600.0
<i>Paullinia cupana</i> Guarana	1	152000.0
<i>Pavonia odorata</i> Hina plant	1	
<i>Pelargonium roseum</i> Scented Geranium	2	
<i>Pelargonium citrosum</i> Citrosa	1	
<i>Perilla frutescens</i> Perilla	1	
<i>Persea americana</i> Avocado	1	
<i>Petroselinum crispum</i> Parsley	4	116075.76000000001
<i>Peucedanum ostruthium</i> Masterwort	1	6720.0
<i>Peumus boldus</i> Boldo	5	82700.0
<i>Picea glauca</i> White Spruce	1	
<i>Pilocarpus microphyllus</i> Maranhao Jaborandi	1	50.0
<i>Pilocarpus jaborandi</i> Pernambuco Jaborandi; Indian Hemp	1	250.0
<i>Pimenta racemosa</i> Bayrum Tree; West Indian Bay	3	3330.0
<i>Pimenta dioica</i> Pimento; Pimenta; Allspice; Jamaica-Pepper; Clover-Pepper	4	152.0
<i>Pimpinella anisum</i> Sweet Cumin; Anise	5	1668.0
<i>Pinus walliciana</i> Bhutan Pine	4	
<i>Pinus sylvestris</i> Scotch Pine	6	8000.0
<i>Pinus roxburghii</i> Chir Pine; Himalayan Longleaf	3	
<i>Pinus palustris</i> Longleaf Pine	3	480500.0
<i>Pinus mugo</i> Dwarf Pine; Swiss Mountain Pine	2	
<i>Pinus kesiya</i> Khasi Pine	3	
<i>Pinus insularis</i> Khasi Pine	3	
<i>Pinus gerardiana</i> Chilgoza Pine	2	
<i>Pinus elliottii</i> Slash Pine	2	
<i>Piper nigrum</i> Pepper; Black Pepper; White Pepper	6	
<i>Piper cubeba</i> Cubeb; Cubeb Pepper	4	7200.0

Plant	# Chemicals	Total PPM
Piper betel Betel Pepper	1	
Piper auritum Hierba Santa; Cordoncillo; Hoja Santa	5	
Pistacia lentiscus Chios Mastictree; Mastictree; Mastic; Mastixbaum (Ger.); Lentisco (Sp.)	2	
Pisum sativum Pea	2	
Pogostemon cablin Patchouli	3	
Porophyllum ruderale Quilquina	3	
Prosopis juliflora Mesquite	1	
Prunella vulgaris Self-Heal; Heal-All	2	
Prunus serotina Wild Cherry; Black Cherry	1	
Psidium guajava Guava	1	
Pueraria pseudohirsuta Chinese Kudzu	1	
Pueraria montana Kudzu; Kudzu	1	
Pycnanthemum virginianum Virginia Mountain Mint	4	870.0
Pycnanthemum verticillatum Whorled Mountain Mint	3	336.0
Pycnanthemum torreyi Torrey's Mountain Mint	4	120.0
Pycnanthemum tenuifolium Slenderleaf Mountain Mint	4	5280.0
Pycnanthemum setosum Setose Mountain Mint	4	17732.0
Pycnanthemum pycnanthemoides Typical Mountain Mint	3	2204.0
Pycnanthemum pilosum Pilose Mountain Mint	3	1260.0
Pycnanthemum muticum Muticous Mountain Mint	4	900.0
Pycnanthemum montanum Montane Mountain Mint	4	4000.0
Pycnanthemum loomisii Loomis' Mountain Mint	5	62664.0
Pycnanthemum incanum Hoary Mountain Mint	3	570.0
Pycnanthemum curvipes Curved Mountain Mint	3	252.0
Pycnanthemum clinopodioides Clinopod Mountain Mint	3	484.0
Pycnanthemum californicum California Mountain Mint	3	1656.0
Pycnanthemum beadleii Beadle's Mountain Mint	4	140.0
Pycnanthemum albescens White Mountain Mint	2	648.0
Ravensara aromatica Ravensara	4	
Ribes nigrum Black Currant	5	
Rosmarinus x mendizabalii Mendizabali's Rosemary	5	
Rosmarinus x lavandulaceus Lavender Rosemary	5	
Rosmarinus tomentosus Hairy Rosemary	5	
Rosmarinus officinalis Rosemary	5	36430.0
Rosmarinus eriocalyx Rosemary	5	
Ruta graveolens Rue	2	
Salvia triloba Greek Sage	4	46380.0
Salvia sclarea Clary Sage	5	6.0
Salvia officinalis Sage	7	61856.0
Salvia gilliesii 'Cordoba' Sage	3	
Salvia dorisiana 'Honduran' Sage	5	
Salvia canariensis Canary Island Sage	3	

Plant	# Chemicals	Total PPM
<i>Sanguinaria canadensis</i> Bloodroot	1	
<i>Santolina chamaecyparissus</i> Lavender Cotton	2	
<i>Sarracenia</i> sp. Pitcher-Plant	1	
<i>Sassafras albidum</i> Sassafras	6	4000.0
<i>Satureja thymbra</i> Goat Oregano	4	
<i>Satureja subspicata</i> Yugoslav Savory	4	
<i>Satureja parvifolia</i> Small-Leaf Pampa Savory	4	
<i>Satureja odora</i> Scented Pampa Savory	4	
<i>Satureja obovata</i> Iberian Savory; Savory	4	
<i>Satureja montana</i> Winter Savory; Savory	5	
<i>Satureja hortensis</i> Summer Savory	5	
<i>Satureja grandiflora</i> French Savory	2	
<i>Satureja glabella</i> Smooth Savory	2	180.0
<i>Satureja douglasii</i> Douglas' Savory	5	8918.0
<i>Satureja cuneifolia</i> Cuneate Turkish Savory	5	
<i>Satureja cilicica</i> Turkish Savory	5	
<i>Saussurea lappa</i> Kuth; Costus	1	
<i>Schinus terebinthifolius</i> Brazilian Peppertree	1	
<i>Schinus molle</i> Mastic-Tree; California Peppertree; Peruvian Peppertree	3	
<i>Senna obtusifolia</i> Sicklepod	1	7180.0
<i>Sideritis pauli</i> El Molinillo Sideritis	5	
<i>Sideritis mugronensis</i>	4	
<i>Sideritis germanicolpitana</i>	4	
<i>Sideritis athoa</i> Kedi Kuyrugu Cayi	4	
<i>Silybum marianum</i> Lady's Thistle; Milk Thistle	1	
<i>Skimmia arborescens</i> Skimmia	1	
<i>Solanum tuberosum</i> Potato	3	35200.0
<i>Solanum nigrum</i> Black Nightshade	1	80.0
<i>Solanum melongena</i> Eggplant; Aubergine	2	
<i>Spinacia oleracea</i> Spinach	2	
<i>Stachys germanica</i> Downy Woundwort	2	230.0
<i>Stevia rebaudiana</i> Sweet Leaf of Paraguay; Stevia; Ca-A-E	3	
<i>Syringa vulgaris</i> Lilac	1	
<i>Syzygium aromaticum</i> Clovetree; Clove	1	
<i>Tagetes minuta</i> Muster John Henry; Wild Marigold; Aztec Marigold; Mexican Marigold; Stinking-Roger; Dwarf Marigold	3	250.0
<i>Tagetes lucida</i> Sweet-Scent Mexican Marigold; Sweet-Mace; Anise Marigold; Sweet-Scent Marigold	1	
<i>Tagetes filifolia</i> Pampa Anise; Irish Lace	2	
<i>Tagetes erecta</i> Marigold; Aztec Marigold	1	86.0
<i>Tanacetum vulgare</i> Tansy	3	3000.0
<i>Tanacetum parthenium</i> Feverfew	5	
<i>Telosma cordata</i> Merrill flowers	3	
<i>Tetraclinis articulata</i> Sandarac; Arar Tree	2	

Plant	# Chemicals	Total PPM
<i>Teucrium scorodonia</i> Wood Germander; Germander	4	
<i>Teucrium salviastrum</i>	4	
<i>Teucrium pseudoscorodonia</i>	4	
<i>Teucrium polium</i> Iberian Golden Germander; Golden Germander	5	
<i>Teucrium oxylepis</i>	4	
<i>Teucrium micropodioides</i> Small 'Cyprus' Germander	5	
<i>Teucrium kotschyianum</i> Stavros Kotschy's Germander	5	
<i>Teucrium gnaphalodes</i> Iberian Germander	4	
<i>Teucrium divaricatum</i> Hoary Divaricate Germander	5	
<i>Teucrium cyprium</i> 'Cyprus' Germander	5	
<i>Teucrium asiaticum</i>	4	
<i>Teucrium arduini</i> 'Croatian Alpine' Germander	1	
<i>Theobroma cacao</i> Cacao	1	25800.0
<i>Theobroma bicolor</i> Nicaraguan Cacao; Pataste	1	
<i>Theobroma angustifolium</i> Emerald Cacao; Castarica	1	
<i>Thuja occidentalis</i> Arbor-Vitae; Northern White-Cedar	1	
<i>Thymus zygis</i> Spanish Thyme	5	
<i>Thymus x citriodorus</i> Funk's thyme; Lemon Thyme	4	
<i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme	4	4681.0
<i>Thymus serpyllum</i> Creeping Thyme	5	1564.0
<i>Thymus saturejoides</i> Moroccan Savory Thyme	4	
<i>Thymus riatarum</i> 'Moroccan' Thyme	4	
<i>Thymus orospedanus</i> Orosped Thyme	4	2488.0
<i>Thymus mastichina</i> Spanish Marjoram	5	16342.0
<i>Thymus longicaulis</i> Kekik; Tas Kekik	5	
<i>Thymus funkii</i> Funk's Thyme	4	
<i>Thymus cilicicus</i> 'Anatolian' Thyme	2	
<i>Thymus capitatus</i> Spanish Origanum; Spanish Thyme; 'Sicilian' Thyme	5	640.0
<i>Thymus broussonettii</i> Moroccan Thyme	4	
<i>Tilia</i> sp. Basswood; Linden; Lime	1	
<i>Trachyspermum ammi</i> Ajwan	3	4744.0
<i>Trichostemma dichotomum</i> Blue Curls	3	
<i>Trigonella foenum-graecum</i> Fenugreek; Alholva (Sp.); Bockshornklee (Ger.); Greek Hay; Greek Clover	1	
<i>Turnera diffusa</i> Damiana	4	2200.0
<i>Umbellularia californica</i> California Bay	4	24880.0
<i>Urtica dioica</i> Stinging Nettle; European Nettle	3	
<i>Vaccinium corymbosum</i> Blueberry	2	
<i>Valeriana officinalis</i> Garden-Heliotrope; Valerian; Common Valerian	5	
<i>Vetiveria zizanioides</i> Cuscus Grass; Cus-Cus; Vetiver	3	
<i>Viscum album</i> European Mistletoe	2	
<i>Vitex agnus-castus</i> Chaste-Tree	5	
<i>Zea mays</i> Corn	1	

Plant	# Chemicals	Total PPM
Zingiber officinale Ginger	5	17975.0