

# A Larvicide

\*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 esculentus</i> Okra	1	140.0
<i>Acacia senegal</i> Kher; Gum Arabic; Gum Arabic Tree; Sudan Gum Arabic; Senegal Gum	1	
<i>Acacia nilotica</i> Babul	1	
<i>Acacia leucophloea</i> Pilang Bast	1	
<i>Acacia farnesiana</i> Cassie; Popinac; Huisache; Sweet Acacia; Opopanax	3	
<i>Achillea millefolium</i> Milfoil; Yarrow	7	342.0
<i>Acinos suaveolens</i>	3	
<i>Acinos alpinus</i> Te de Sierra Nevada	1	
<i>Acorus calamus</i> Myrtle Flag; Sweetflag; Calamus; Sweetroot; Sweet Calamus; Flagroot	5	129684.0
<i>Adonis vernalis</i> Spring Adonis	1	
<i>Aegle marmelos</i> Bael de India; Bael fruit	1	
<i>Aesculus hippocastanum</i> Horse Chestnut	1	
<i>Aframomum melegueta</i> Malagettapfeffer (Ger.); Melegueta Pepper; Alligator Pepper; Grains-of-Paradise; Guinea Grains; Malagueta (Sp.)	1	
<i>Agastache urticifolia</i> Nettle-Leaf Giant Hyssop	1	1092.0
<i>Agastache rugosa</i>	2	
<i>Agastache pallidiflora</i>	1	
<i>Agastache nepetoides</i>	1	
<i>Agastache foeniculum</i> Giant Hyssop	1	
<i>Ageratum conyzoides</i> Mexican ageratum	1	
<i>Albizia lebbek</i> Lebbek Tree; Women's-Tongue Tree; Koko; Siris Tree; Frywood; Lebbek; East Indian Walnut	1	
<i>Alliaria petiolata</i> Garlic Mustard	1	
<i>Allium sativum</i> var. <i>sativum</i> Garlic	4	58778.0
<i>Allium cepa</i> Shallot; Onion	2	
<i>Aloysia citrodora</i> Lemon Verbena	4	532.0
<i>Alpinia officinarum</i> Chinese Ginger; Lesser Galangal	2	800.0
<i>Alpinia galanga</i> Greater Galangal; Siamese Ginger; Languas	2	24000.0
<i>Amomum compactum</i> Round Cardamom; Java Cardamom; Chester Cardamom; Siam Cardamom	1	
<i>Ananas comosus</i> Pineapple	1	
<i>Andira inermis</i> Cabbage Bark	1	
<i>Anethum graveolens</i> Dill; Garden Dill	4	
<i>Angelica archangelica</i> Garden Angelica; Wild Parsnip; Angelica	2	40.0
<i>Annona squamosa</i> Sugar-Apple; Sweetsop	5	
<i>Annona cherimola</i> Cherimoya	1	
<i>Apium graveolens</i> Celery	4	
<i>Aralia cordata</i> Udo	1	
<i>Arctium lappa</i> Great Burdock; Gobo; Burdock	2	
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	1	
<i>Argemone mexicana</i> Prickly Poppy	1	820.0

Plant	# Chemicals	Total PPM
<i>Aristolochia debilis</i> Chinese Birthwort	1	
<i>Armoracia rusticana</i> Horseradish	1	
<i>Arnica montana</i> Mountain Tobacco; Leopard's-Bane	1	
<i>Artemisia vulgaris</i> Mugwort	3	
<i>Artemisia salsoloides</i>	2	
<i>Artemisia pallens</i> Davana	1	
<i>Artemisia herba-alba</i> Desert Wormwood	3	1546.0
<i>Artemisia dracunculus</i> Tarragon	3	
<i>Artemisia annua</i> Qinghao; Annual Mugwort (GRIN); Sweet Wormwood (GRIN); Annual Wormwood (GRIN); Sweet Annie	4	
<i>Artemisia absinthium</i> Wormwood	2	3500.0
<i>Asarum canadense</i> Wild Ginger	2	
<i>Asclepias syriaca</i> Milkweed	1	
<i>Asiasarum heterotropoides</i> Asian Wild Ginger	1	
<i>Asimina triloba</i> Pawpaw	1	
<i>Atractylodes lancea</i> Cang Zhu	1	
<i>Avena sativa</i> Oats	1	
<i>Ballota nigra</i> Black Horehound	2	70.0
<i>Berberis vulgaris</i> Barberry	1	
<i>Bidens pilosa</i>	1	
<i>Boronia megastigma</i> Scented Boronia	1	
<i>Boswellia serrata</i> Indian Olibanum-Tree; Indian Frankincense; Salai; Salai Guggal; Kundur Luban; Salaki	2	
<i>Brassica oleracea</i> var. <i>viridis</i> I. Cow Cabbage; Tall Kale; Collards; Spring-Heading Cabbage; Tree Kale	1	
<i>Brassica oleracea</i> var. <i>sabellica</i> I. Curly Kale; Scotch Kale; Kitchen Kale; Kale	1	
<i>Brassica oleracea</i> var. <i>italica</i> Winter Broccoli; Purple Cauliflower; Heading Broccoli; Broccoli; Sprouting Broccoli; Calabrese; Asparagus Broccoli; Cape Broccoli	2	
<i>Brassica oleracea</i> var. <i>capitata</i> I. Cabbage; Red Cabbage; White Cabbage	1	
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	2	650.0
<i>Brassica oleracea</i> Kohlrabi	1	0.76
<i>Brassica nigra</i> Black Mustard	1	
<i>Brassica juncea</i> Mustard Greens	1	
<i>Calamintha nepeta</i> Calamint	4	
<i>Calendula officinalis</i> Pot-Marigold; Calendula	2	
<i>Callicarpa americana</i> French Mulberry; American Beauty Berry; Beauty Berry	1	
<i>Calotropis</i> sp. Giant Milkweed	1	
<i>Camellia sinensis</i> Tea	4	152.0
<i>Camellia japonica</i> Common Camellia; Camellia; Camelia (Fr., Port.); Tsubaki (Jap.); Japanese Tea; Kamelie (Ger.); Camelia (Sp.); Rose du Japon (Fr.)	1	
<i>Cananga odorata</i> Cananga; Ylang-Ylang	2	
<i>Canarium indicum</i> Java-Olive; Manila Elemi	1	
<i>Capparis spinosa</i> Caper; Caperbush	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Tabasco; Spur Pepper; Hot Pepper; Cayenne; Chili; Red Chili	1	
<i>Capsicum annuum</i> Sweet Pepper; Cherry Pepper; Paprika; Bell Pepper; Cone Pepper; Green Pepper	4	

Plant	# Chemicals	Total PPM
<i>Carica papaya</i> Papaya	2	
<i>Carthamus tinctorius</i> Safflower	3	167.78
<i>Carum carvi</i> Kummel (Ger.); Carum; Comino de prado (Sp.); Comino (Sp.); Caraway	3	1080.0
<i>Caulophyllum thalictroides</i> Blue Cohosh	1	
<i>Ceiba pentandra</i> Kapok; Silk-Cotton Tree	1	
<i>Centaurea calcitrapa</i> Star-Thistle	1	
<i>Centaurium erythraea</i> Centaury	2	
<i>Centella asiatica</i> Gotu Kola; Pennywort	1	
<i>Chelidonium majus</i> Celandine	1	
<i>Chimaphila umbellata</i> King's Cure; Pipsissewa	1	4225.0
<i>Chrysanthemum x morifolium</i> Mum; Chrysanthemum; Florist's Chrysanthemum; Ju Hua (Pinyin)	3	
<i>Chrysanthemum parthenium</i> Feverfew	3	
<i>Chrysanthemum cinerariifolium</i> Pyrethrum	1	
<i>Cichorium intybus</i> Chicory; Succory; Witloof	1	
<i>Cinnamomum verum</i> Cinnamon; Ceylon Cinnamon	4	23152.0
<i>Cinnamomum camphora</i> Ho Leaf; Camphor	3	
<i>Cinnamomum aromaticum</i> Zimtcassie (Ger.); Kashia-Keihi (Jap.); China Junk Cassia; Chinesischer Zimtbaum (Ger.); Cannelier de Chine (Fr.); Saigon Cinnamon; Cassia Bark; Chinazimt (Ger.); Canelero chino (Sp.); Chinese Cassia; Canelle de Cochinchine (Fr.); Cannelier Casse (Fr.); Cassia; Chinese Cinnamon; Canela de la China (Sp.); Cassia Lignea	3	
<i>Cistus ladaniferus</i> Gum Cistus; Rockrose; Labdanum; Ambreine	2	3220.0
<i>Citrus sinensis</i> Orange	3	
<i>Citrus reticulata</i> Tangerine; Mandarin	3	78.30000000000001
<i>Citrus paradisi</i> Grapefruit	1	
<i>Citrus limon</i> Lemon	1	
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	3	6.0
<i>Citrus aurantiifolia</i> Lime	2	500.0
<i>Cleonia lusitanica</i> Spanish Heal-All	2	
<i>Cnicus benedictus</i> Blessed Thistle	2	
<i>Coccinia grandis</i> Little Gourd; Kanduri; Ivy Gourd; Tindori; Kundree; Tindora; Pepasan	1	
<i>Cocos nucifera</i> Coconut Palm; Kokospalme (Ger.); Cocotero (Sp.); Copra; Coconut; Nariyal	1	
<i>Coffea arabica</i> Coffee	1	
<i>Collinsonia canadensis</i> Stone Root	2	36.0
<i>Commiphora myrrha</i> African Myrrh; Somali Myrrh; Myrrhe (Fr., Ger.); Herabol Myrrh; Mirra (Sp. It.); Myrrh	2	
<i>Copaifera</i> spp Copaiba	1	961200.0
<i>Coptis</i> spp Generic Goldthread	2	180000.0
<i>Coptis japonica</i> Japanese Goldthread; Huang-Lia; Huang-Lian; Huang-Lien	1	140000.0
<i>Coptis chinensis</i> Huang-Lian; Chinese Goldthread; Huang-Lien	1	180000.0
<i>Coriandrum sativum</i> Chinese Parsley; Cilantro; Coriander	3	16.0
<i>Coridothymus capitatus</i> Spanish Oregano	1	
<i>Corydalis</i> spp Fumewort	1	
<i>Crocus sativus</i> Saffron	1	
<i>Croton lechleri</i> Sangre de Dragon; Dragons Blood; Sangre de Grado; Sangre de Drago	1	
<i>Croton eluteria</i> Cascarilla	1	

Plant	# Chemicals	Total PPM
<i>Cucumis sativus</i> Cucumber	1	
<i>Cucumis melo</i> Persian Melon; Muskmelon; Netted Melon; Nutmeg Melon; Cantaloupe; Melon	1	
<i>Cuminum cyminum</i> Cumin	4	32640.0
<i>Cunila origanoides</i> Mountain Dittany; Frost Mint; Dittany; American Dittany; Stone Mint; Frost Flower; Maryland Dittany	2	64036.0
<i>Curcuma longa</i> Turmeric; Indian Saffron	3	
<i>Cymbopogon winterianus</i> Mahapengiri; Java Citronella	2	760.0
<i>Cymbopogon nardus</i> Citronella; Ceylon Citronella	1	768.0
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	2	
<i>Daucus carota</i> Carrot	6	20468.0
<i>Dianthus caryophyllus</i> Nelke (Ger.); Oeillet (Fr.); Carnation; Clove Pink; Clavel (Sp.)	1	
<i>Dracocephalum thymiflora</i> Thyme-Flowered Moldavica	2	556.0
<i>Dracocephalum parviflora</i> Small-Flowered Moldavica	1	100.0
<i>Drimys winteri</i> Winter's Bark	2	
<i>Duchesnea indica</i> False Strawberry; Mock Strawberry; Indian Strawberry	1	
<i>Echinacea</i> spp Echinacea; Coneflower	2	136.0
<i>Echinacea purpurea</i> Purple-Coneflower; Echinacea; Eastern Purple-Coneflower	2	
<i>Echinacea pallida</i> Pale-Flower Echinacea; Pale Purple-Coneflower; Echinacea	2	
<i>Echinacea angustifolia</i> Echinacea; Narrow Leaf Echinacea; Narrow Leaf Purple-Coneflower	2	
<i>Elettaria cardamomum</i> Cardamom	1	
<i>Elsholtzia polystachya</i> Bush Mint	3	
<i>Elsholtzia pilosa</i> Hairy Mint Shrub	2	
<i>Elsholtzia cristata</i> Furan Chemotype	2	
<i>Elsholtzia blanda</i> Bantulsi; Bantaluki	1	
<i>Elytrigia repens</i> Doggrass; Wheatgrass; Quackgrass; Twitchgrass; Couchgrass	2	
<i>Ephedra sinica</i> Ma Huang; Chinese Ephedra	4	
<i>Eruca sativa</i> Ruca (Catalan; KAB); Tira (Nwp.; DEP; KAB); Rouka (Arab.; BOU); Jamba (India); Kerkas (Arab.; BOU); Ugragandha (Sansk.; KAB); Roquette des jardins (Fr.;KAB); Oruga comun (Sp.; USN); Bimbata (Sansk.; KAB); Achnef (Berber; BOU); Roqueta (Sp.; USN); Tuverika (Sansk.; KAB); Izgin (Turkey; EB54:155); Rucheta (Malta; KAB); Thorfel (Berber; BOU); Ai'afein (Arab.; BOU); Ruke (Ger.; USN); Tanakfail (Berber; BOU); Horf (Arab.; BOU); Aruca (Malta; KAB); Ackerrauke (Ger.; MAD); Roquette (Eng.; Fr.; BOU); Lalu (Nwp.; KAB); Chara (Kumaon; DEP); Lamba (India; USN); Roquette cultivee (Fr.; KAB); Assu (Punjab; SKJ); Kadamba (Sansk.; KAB); Taramira (India; Nwp.); Rakshitaphala (Sansk.; KAB); Rucola (It.; Malta; Sp.); Garden Rocket (Eng.; USN); Sidhaprayojana (Sansk.; KAB); Rocket Salad (Eng.; USN); Rajakshavaka (Sansk.; KAB); Sarshapa (Sansk.; KAB); Shwetsursha (Bengal; SKJ); Siddartha (Sansk.; DEP; SKJ); Grahagna (Sansk.; KAB); Daradharsha (Sansk.; KAB); Kadambaka (Sansk.; KAB); Senfrauake (Ger.; USN); Sarishapa (Sansk.; KAB); Shiltam (Arab.; BOU); Salad Rocket (Eng.; USN); Rocket (Eng.; BOU); Baglet (Arab.; BOU); Duan (Nwp; KAB); Olrauake (Ger.; USN); Piao erh ts'ai (Chi.; TAN); Gargir (Arab.; Hebrew; BOU); Jamnia (Punjab; DEP); Eihukan (Iran; NAD); Euzomon (Greece; EB54:155); Rabano silvestre (It.; Port.); Tantuka (Sansk.; KAB); Rawk (Arab.; BOU); Dua (Kumaon; DEP); Bou kahli (Arab.; BOU); Jambeho (Sind.; KAB); Suffed shorshi (Bengal; DEP); Tara (Nwp.; Punjab; KAB; SKJ); Eruca (Malta; KAB); Jambeh (Iran; DEP; KAB); Sfed sarson (Hindi; MPI); Rajika (Sansk.; KAB); Roquette vraie (Fr.; BOU); Mulai (Loralai; KAB); Bhutaghna (Sansk.; SKJ); Jambho (Sind.; DEP); Kibana suzushiro (Jap.; TAN); Oroth (Bible; EB52:394); Mandao (Afg.; DEP; KAB); Gery (Arab.; BOU); Djerdjir (Arab.; BOU); Sidharta (Sansk.; KAB); Ai'sha (Arab.; BOU); Tantubha (Sansk.; KAB); Sahwan (Nwp.; KAB); Rugula (Eng.; USN); Arugula (Eng.; FAC; USN)	1	
<i>Erythroxylum coca</i> Coca	1	
<i>Eschscholzia californica</i> California Poppy	1	
<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	

Plant	# Chemicals	Total PPM
<i>Eucalyptus punctata</i>	2	
<i>Eucalyptus populnea</i>	1	
<i>Eucalyptus polyanthemos</i>	2	
<i>Eucalyptus paniculata</i>	1	
<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	2	
<i>Eucalyptus globulus</i> Blue Gum; Eucalypt; Tasmanian Bluegum	3	270.0
<i>Eucalyptus diversicolor</i>	2	
<i>Eucalyptus dealbata</i>	2	
<i>Eucalyptus cladocalyx</i>	2	
<i>Eucalyptus citriodora</i> Citron-Scented Gum; Spotted Gum; Lemon-Scented Gum; Lemon Eucalyptus	4	1560.0
<i>Eucalyptus camaldulensis</i>	2	
<i>Eucalyptus bridgesiana</i> Bridges' Eucalyptus	1	
<i>Eucalyptus brassiana</i> Brasses' Eucalyptus	3	
<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>Eupatorium odoratum</i> Jack na bush	1	
<i>Euphorbia pulcherrima</i> Poinsettia	1	
<i>Euphorbia hirta</i> Queensland Asthma Herb	1	
<i>Fagopyrum esculentum</i> Buckwheat	1	
<i>Ferula jaeschkeana</i> Jaechke's Ferula	1	988.0
<i>Ferula gummosa</i> Galbanum	1	
<i>Ficus carica</i> Figueira (Port.); Fig; Fico (Ital.); Figuier Commun (Fr.); Higuera Comun (Sp.); Echte Feige (Ger.); Feigenbaum (Ger.); Higo (Sp.)	5	
<i>Foeniculum vulgare</i> Fennel	3	
<i>Fragaria</i> spp Strawberry	1	
<i>Galeopsis tetrahit</i> Hemp Nettle	1	80.0
<i>Gardenia jasminoides</i> Jasmin; Shan-Zhi-Zi; Gardenia; Zhi Zi; Shan-Chih-Tzu; Cape Jasmine	2	
<i>Gaultheria procumbens</i> Creeping Wintergreen; Wintergreen; Checkerberry; Mountain Tea; Wintergrun (Ger.); Teaberry	1	
<i>Gentiana scabra</i> Japanese Gentian	1	
<i>Gentiana lutea</i> Gentian; Yellow Gentian	2	70000.0
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	1	
<i>Glechoma hederacea</i> Alehoof	1	
<i>Glycine max</i> Soybean	2	120.0
<i>Glycyrrhiza glabra</i> Licorice; Smooth Licorice; Licorice-Root; Commom Licorice	4	2.0
<i>Gossypium</i> sp Cotton	2	19000.0

Plant	# Chemicals	Total PPM
<i>Hedeoma pulegioides</i> American Pennyroyal	2	1140.0
<i>Hedeoma hispida</i> Hispid Pennyroyal	1	948.0
<i>Hedeoma drummondii</i> Drummond's Pennyroyal	1	252.0
<i>Helianthus annuus</i> Sunflower; Girasol	5	20.0
<i>Helichrysum angustifolium</i> Everlasting; Immortelle	1	
<i>Hemidesmus indicus</i> Indian Sarsaparilla	1	
<i>Hesperis matronalis</i> Dame's Rocket; Damask-Violet; Dame's-Violet; Sweet Rocket	1	
<i>Hibiscus sabdariffa</i> Jamaica Sorrel; Malventee (Ger.); Roselle; Rosella (Ger.); Acedera de Guinea (Sp.); Sereni (Sp.); Rosa de Jamaica (Sp.); Sorrel; Indian Sorrel; Kharkadi; Red Sorrel	3	
<i>Houttuynia cordata</i> Yu Xing Cao; Dokudami; Fishwort	1	
<i>Humulus lupulus</i> Hops	3	48.0
<i>Hyacinthus orientalis</i> Hyacinth	1	9.2
<i>Hydrastis canadensis</i> Goldenseal	2	180000.0
<i>Hypericum perforatum</i> Common St. Johnswort; Goatweed; Hypericum; St. John's-wort; Klamath Weed	5	
<i>Hyptis verticillata</i> Barrehorno; John Charles	1	
<i>Hyptis suaveolens</i> Wild Hops	1	
<i>Hyssopus officinalis</i> Hyssop	5	2216.0
<i>Ilex paraguariensis</i> South American Holly; Paraguay Tea; Mate	1	
<i>Illicium verum</i> anis de China (Sp.); anis estrellado (Sp.); Sternanis (Ger.); Star Anise; Chinese Star Anise; Chinesischer Sternanis (Ger.)	2	7200.0
<i>Iris x germanica</i> Orris	2	
<i>Isanthus brachiatus</i> False Pennyroyal	1	60.0
<i>Isatis tinctoria</i> Dyer's Woad	1	
<i>Jasminum officinale</i> Jasmine; Poet's Jessamine	1	20.0
<i>Jatropha curcas</i> Physic Nut; Purging Nut	1	
<i>Juglans regia</i> English Walnut	1	
<i>Juniperus virginiana</i> Red Cedar	2	
<i>Juniperus sabina</i> Sabine	1	
<i>Juniperus communis</i> Common Juniper; Juniper	4	240.0
<i>Kalanchoe pinnata</i> Siempre Viva; Air Plant	1	
<i>Lactuca virosa</i> Bitter Lettuce	1	
<i>Lactuca scariola</i> Prickly Lettuce	1	
<i>Lantana camara</i> Lantana; Wild Sage	4	3200.0
<i>Laurus nobilis</i> Sweet Bay; Grecian Laurel; Bayleaf; Laurel; Bay; Bay Laurel	4	2670.0
<i>Lavandula x intermedia</i> Dutch Lavender; Lavandin	3	880.0
<i>Lavandula x hybrida</i> Hybrid Lavender	1	
<i>Lavandula latifolia</i> Spike Lavender; Aspic; Broad-Leaved Lavender	4	502.0
<i>Lavandula angustifolia</i> English Lavender	3	
<i>Leonurus cardiaca</i> Motherwort	1	400.0
<i>Lepechinia schiediana</i> Schiede's Lepechinia	1	400.0
<i>Lepechinia calycina</i> Epling's Lepechinia	2	630.0
<i>Lepidium meyenii</i> Maca; Peruvian Ginseng	1	
<i>Levisticum officinale</i> Lovage	4	

Plant	# Chemicals	Total PPM
<i>Ligustrum japonicum</i> Ligustri Fructus; Japanese Privet	2	
<i>Linum usitatissimum</i> Flax; Linseed	1	
<i>Lippia graveolens</i> Oregano	1	
<i>Lonicera japonica</i> Japanese Honeysuckle	1	
<i>Lycopersicon esculentum</i> Tomato	2	
<i>Lycopus virginicus</i> Bugle	1	160.0
<i>Lycopus europeus</i> European Bugle	1	250.0
<i>Macleaya cordata</i> Plume Poppy	1	
<i>Maclura pomifera</i> Osage-Orange; Hedge Apple	1	
<i>Magnolia officinalis</i> Hou Pu; Chinese Magnolia; Magnolia-Bark	1	
<i>Magnolia obovata</i> Japanese Whitebark Magnolia; Ho-no-ki	1	
<i>Magnolia kobus</i> Xin-Yi; Hsin-I	1	
<i>Mahonia siamensis</i>	1	
<i>Mahonia repens</i> Oregon Barberry; Oregon Grape; Creeping Barberry; Oregon Grape-Holly	1	
<i>Mahonia philipinensis</i>	1	
<i>Mahonia nervosa</i> Oregon Grape; Water Holly; Oregon Barberry; Oregon Grape-Holly	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> Oregon Grape; Holly Barberry; Holly Mahonia; Mountain Grape; Blue Barberry	1	
<i>Medicago sativa</i> Alfalfa; Lucerne	1	
<i>Melaleuca viridiflora</i> Broad-Leaf Tea-Tree; Niaouli	1	
<i>Melaleuca leucadendra</i> Cajeput	1	
<i>Melaleuca bracteata</i> Bracteate Tea-Tree	1	
<i>Melaleuca alternifolia</i> Teatree	3	
<i>Melia azedarach</i> Chinaberry	1	
<i>Melissa officinalis</i> Melissa; Balm; Bee Balm; Lemonbalm	3	
<i>Menispermum canadense</i> Moonseed	1	
<i>Mentha x rotundifolia</i> Applemint	1	
<i>Mentha x piperita</i> Peppermint	2	12730.0
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	5	28400.0
<i>Mentha sp</i> Mint	1	
<i>Mentha pulegium</i> European Pennyroyal	5	25400.0
<i>Mentha longifolia</i> Biblical Mint	5	26405.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Field Mint; Japanese Mint; Cornmint	3	99360.0
<i>Mentha aquatica</i> Water Mint	3	424.0
<i>Micromeria thymifolia</i>	2	
<i>Micromeria myrtifolia</i> Topukcayi; Dagcayi; Haydarotu	3	
<i>Micromeria juliana</i>	3	
<i>Micromeria fruticosa</i> Tea Hyssop; Zuta; Zopha	4	
<i>Micromeria croatica</i>	3	

Plant	# Chemicals	Total PPM
Micromeria congesta Kaya Yarpuzu	3	
Minthostachys mollis Muna; Tipo	1	
Mirabilis jalapa Four-o'clock	1	
Mitchella repens Squawvine; Partridge-berry	1	
Moldavica thymiflora Thyme-Flowered Moldavica	2	
Moldavica parviflora Small-Flowered Moldavica	1	
Momordica charantia Sorosi; Bitter Melon	1	
Monarda russeliana Russel's Monarda	1	10512.0
Monarda punctata Horsemint	1	165798.0
Monarda media Mean Monarda	1	7752.0
Monarda fistulosa Wild Bergamot	2	125224.0
Monarda didyma Oswego Tea; Beebalm	1	300.0
Monarda citriodora Lemon Mint	1	50022.0
Morinda citrifolia Noni; Indian Mulberry	1	
Morus alba White Mulberry; Sang-Pai-Pi	2	
Murraya koenigii Indian Curry Tree; Curry Leaf; Curry Leaf Tree	2	
Myrica cerifera Candle-Berry; Bayberry; Wax Myrtle; Southern Bayberry	2	
Myristica fragrans nuez moscada (Sp.); nogal moscado (Sp.); Mace; Muskatnussbaum (Ger.); Nutmeg	6	34980.0
Myroxylon balsamum Tolu Balsam; Peru Balsam	2	
Myrtus communis Mirto (Sp.); Arrayan (Sp.); Myrte (Ger.); Myrtle	3	8.0
Nandina domestica Sacred Bamboo; Heavenly Bamboo; Nanten (Jap.); Southern Heaven Bamboo	1	
Narcissus tazetta Daffodil	1	
Nepeta racemosa Catmint	2	
Nepeta cataria Catnip	2	3550.0
Nicotiana tabacum Tobacco	1	
Nigella sativa Black Cumin; Nutmeg-Flower; Roman Coriander; Fennel-Flower; Black Caraway	2	
Ocimum tenuiflorum Anise-Scented Basil	1	
Ocimum suave Kenyan Tree Basil	1	
Ocimum sp Basil	1	
Ocimum sanctum Holy Basil; Tulsi	1	
Ocimum kilimandscharicum African Blue Basil; Kenyan Perennial Basil	1	
Ocimum gratissimum Shrubby Basil; Agbo	3	
Ocimum canum Hoary Basil	3	
Ocimum basilicum Cuban Basil; Basil; Sweet Basil	6	32034.0
Oenanthe javanica Javan Water Dropwort	2	
Oenanthe crocata Water Dropwort	1	
Oenanthe aquatica Water Fennel; Water Hemlock	1	
Oenothera biennis Evening-Primrose	1	200.0
Olea europaea Olive	1	
Origanum vulgare Green Turkish Oregano	5	31840.0
Origanum syriacum Za'Atar	1	
Origanum sipyleum Bayircayi; Guveyoto	2	



Plant	# Chemicals	Total PPM
<i>Origanum onites</i> Pot Marjoram; Oregano	4	680.0
<i>Origanum minutiflorum</i> Small-Flowered Oregano	3	
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	3	5766.0
<i>Pachyrhizus erosus</i> Yambean	1	20000.0
<i>Panax quinquefolius</i> American Ginseng; Ginseng	2	
<i>Panax ginseng</i> Chinese Ginseng; Oriental Ginseng; Ginseng; Korean Ginseng	3	
<i>Papaver somniferum</i> Opium Poppy; Poppypseed Poppy	1	
<i>Pelargonium roseum</i> Scented Geranium	2	
<i>Pelargonium citrosum</i> Citrosa	1	
<i>Peperomia pelucida</i> Yerba de la plata; Pepper elder	1	
<i>Perilla frutescens</i> Perilla	3	
<i>Petroselinum crispum</i> Parsley	4	47469.0
<i>Peumus boldus</i> Boldo	5	150.0
<i>Phellodendron amurense</i> Po Mu; Huang Po; Huang Bai; Amur Cork Tree	1	20000.0
<i>Phoenix dactylifera</i> Date Palm	1	
<i>Phragmites australis</i> Reed Grass; Ditch Reed; Common Reed; Giant Reed	1	
<i>Phytolacca americana</i> Pokeweed	1	
<i>Pilocarpus microphyllus</i> Maranhao Jaborandi	1	950.0
<i>Pimenta racemosa</i> West Indian Bay; Bayrum Tree	3	41550.0
<i>Pimenta dioica</i> Pimenta; Allspice; Pimento; Clover-Pepper; Jamaica-Pepper	3	93868.0
<i>Pimpinella anisum</i> Sweet Cumin; Anise	4	
<i>Pinus walliciana</i> Bhutan Pine	1	
<i>Pinus sylvestris</i> Scotch Pine	3	
<i>Pinus mugo</i> Swiss Mountain Pine; Dwarf Pine	1	
<i>Piper nigrum</i> Pepper; Black Pepper; White Pepper	4	
<i>Piper cubeba</i> Cubeb Pepper; Cubeb	2	14800.0
<i>Piper betel</i> Betel Pepper	2	45700.0
<i>Piper auritum</i> Hoja Santa; Hierba Santa; Cordoncillo	4	
<i>Piscidia piscipula</i> Jamaica Dogwood	1	
<i>Pistacia lentiscus</i> Chios Mastictree; Mastixbaum (Ger.); Mastic; Mastictree; Lentisco (Sp.)	1	
<i>Pisum sativum</i> Pea	1	
<i>Plantago ovata</i> Spogel Seeds; Indian Plantago; Ispaghula; Psyllium; Blond Psyllium	1	
<i>Plumeria acutifolia</i> Frangipani	1	
<i>Podophyllum pleianthum</i> Chinese Mayapple	2	
<i>Podophyllum peltatum</i> Mayapple	3	26000.0
<i>Podophyllum hexandrum</i> Himalayan Mayapple	2	
<i>Pogostemon cablin</i> Patchouli	2	
<i>Polianthes tuberosa</i> Tuberose	1	
<i>Polygala tenuifolia</i> Chinese Senega	1	
<i>Populus balsamifera</i> Balsam Poplar	1	
<i>Prunella vulgaris</i> Heal-All; Self-Heal	2	
<i>Prunus dulcis</i> Almond	1	

Plant	# Chemicals	Total PPM
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Prunus armeniaca</i> Apricot	1	
<i>Psidium guajava</i> Guava	2	
<i>Psoralea corylifolia</i> Black Dot; Babchi; Malaya Tea	1	
<i>Pterocarpus santalinus</i> Red Saunders	1	
<i>Ptychopetalum olacoides</i> Muira Puama	1	
<i>Pycnanthemum virginianum</i> Virginia Mountain Mint	3	33930.0
<i>Pycnanthemum verticillatum</i> Whorled Mountain Mint	2	9744.0
<i>Pycnanthemum torreyi</i> Torrey's Mountain Mint	2	16480.0
<i>Pycnanthemum tenuifolium</i> Slenderleaf Mountain Mint	2	12240.0
<i>Pycnanthemum setosum</i> Setose Mountain Mint	3	18352.0
<i>Pycnanthemum pycnanthemoides</i> Typical Mountain Mint	2	42688.0
<i>Pycnanthemum pilosum</i> Pilose Mountain Mint	2	63000.0
<i>Pycnanthemum nudum</i> Nude Mountain Mint	1	140088.0
<i>Pycnanthemum muticum</i> Muticous Mountain Mint	2	23200.0
<i>Pycnanthemum montanum</i> Montane Mountain Mint	2	1392.0
<i>Pycnanthemum loomisii</i> Loomis' Mountain Mint	1	1344.0
<i>Pycnanthemum incanum</i> Hoary Mountain Mint	2	20254.0
<i>Pycnanthemum clinopodioides</i> Clinopod Mountain Mint	2	27060.0
<i>Pycnanthemum californicum</i> California Mountain Mint	2	288.0
<i>Pycnanthemum beadleii</i> Beadle's Mountain Mint	2	1386.0
<i>Pycnanthemum albescens</i> White Mountain Mint	1	4590.0
<i>Raphanus sativus</i> Radish	1	
<i>Ravensara aromatica</i> Ravensara	3	
<i>Rhododendron ferrugineum</i> Rusty-Leaved Alpenrose	1	
<i>Ribes nigrum</i> Black Currant	2	68.0
<i>Ricinus communis</i> Castorbean	1	
<i>Rosa gallica</i> French Rose	1	8.0
<i>Rosmarinus officinalis</i> Rosemary	6	1478.0
<i>Rubus fruticosus</i> Blackberry	1	
<i>Salvia sclarea</i> Clary Sage	1	
<i>Salvia officinalis</i> Sage	6	25204.0
<i>Salvia gilliesii</i> 'Cordoba' Sage	1	
<i>Salvia canariensis</i> Canary Island Sage	1	
<i>Sambucus nigra</i> European Elderberry; European Alder; Black Elder; Elder; European Elder	1	
<i>Sanguinaria canadensis</i> Bloodroot	1	
<i>Santalum album</i> White Sandalwood	1	
<i>Sarcostemma acidum</i> Soma	1	
<i>Sarracenia purpurea</i>	1	
<i>Sassafras albidum</i> Sassafras	5	
<i>Satureja vulgaris</i> Common Savory	1	212.0
<i>Satureja thymbra</i> Goat Oregano	1	

Plant	# Chemicals	Total PPM
<i>Satureja subspicata</i> Yugoslav Savory	1	
<i>Satureja parvifolia</i> Small-Leaf Pampa Savory	1	
<i>Satureja obovata</i> Savory; Iberian Savory	2	
<i>Satureja montana</i> Winter Savory; Savory	3	46506.0
<i>Satureja hortensis</i> Summer Savory	2	
<i>Satureja grandiflora</i> French Savory	1	
<i>Satureja glabella</i> Smooth Savory	1	560.0
<i>Satureja douglasii</i> Douglas' Savory	3	4212.0
<i>Satureja cuneifolia</i> Cuneate Turkish Savory	1	
<i>Satureja cilicica</i> Turkish Savory	1	
<i>Schinus molle</i> Peruvian Peppertree; Mastic-Tree; California Peppertree	1	
<i>Scutellaria parvula</i> Small Skullcap	1	94.0
<i>Scutellaria lateriflora</i> Mad-Dog Skullcap; Scullcap	2	
<i>Scutellaria galericulata</i> Marsh Skullcap	2	476.0
<i>Scutellaria churchilliana</i> Hybrid Skullcap	1	136.0
<i>Sesamum indicum</i> Ajonjoli (Sp.); Beni; Sesame; Benneseed; Sesamo (Sp.)	1	
<i>Sideritis scardica</i> Balkan Sideritis	1	
<i>Sideritis pauli</i> El Molinillo Sideritis	1	
<i>Sideritis athoa</i> Kedi Kuyrugu Cayi	1	
<i>Skimmia arborescens</i> Skimmia	1	
<i>Spartium junceum</i> Genet; Spanish Broom; Weaver's Broom	1	
<i>Stevia rebaudiana</i> Stevia; Ca-A-E; Sweet Leaf of Paraguay	4	
<i>Swertia chirata</i> Chirata; Chiretta	2	
<i>Syringa vulgaris</i> Lilac	1	
<i>Syzygium aromaticum</i> Clovetree; Clove	4	477720.0
<i>Tagetes minuta</i> Aztec Marigold; Muster John Henry; Stinking-Roger; Mexican Marigold; Dwarf Marigold; Wild Marigold	3	
<i>Tagetes lucida</i> Sweet-Scent Marigold; Anise Marigold; Sweet-Mace; Sweet-Scent Mexican Marigold	1	
<i>Tagetes filifolia</i> Irish Lace; Pampa Anise	1	
<i>Tagetes erecta</i> Marigold; Aztec Marigold	1	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Tanacetum parthenium</i> Feverfew	3	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Tephrosia vogelii</i> Fish Poison Bean	1	
<i>Tephrosia virginiana</i> Devil's Shoestring	1	
<i>Tephrosia purpurea</i> Purple Tephrosia; Wild Indigo	1	14000.0
<i>Tephrosia candida</i> White Tephrosia	1	7000.0
<i>Terminalia arjuna</i> Arjuna; Arjun	1	
<i>Teucrium scorodonia</i> Wood Germander; Germander	2	
<i>Teucrium scordium</i> Water Germander	1	
<i>Teucrium salviastrum</i>	2	
<i>Teucrium pseudoscorodonia</i>	2	
<i>Teucrium polium</i> Golden Germander; Iberian Golden Germander	4	

Plant	# Chemicals	Total PPM
<i>Teucrium oxylepis</i>	2	
<i>Teucrium micropodioides</i> Small 'Cyprus' Germander	1	
<i>Teucrium kotschyianum</i> Stavros Kotschy's Germander	1	
<i>Teucrium gnaphalodes</i> Iberian Germander	2	
<i>Teucrium divaricatum</i> Hoary Divaricate Germander	1	
<i>Teucrium cypricum</i> 'Cyprus' Germander	1	
<i>Teucrium chamaedrys</i> Wall Germander	1	
<i>Teucrium asiaticum</i>	2	
<i>Theobroma cacao</i> Cacao	1	
<i>Thespesia populnea</i> Indian tulip tree	1	
<i>Thevetia peruviana</i> Chirca (Sp.); Yellow Oleander; Loandro-Amarelo (Port.); Luckynut; Thevetie (Ger.); Peruvian Yellow Oleander; Adelfa Amarilla (Sp.); Cabalonga (Sp.); Oleandre Jaune (Fr.)	1	
<i>Thuja occidentalis</i> Arbor-Vitae; Northern White-Cedar	1	
<i>Thymus zygis</i> Spanish Thyme	1	
<i>Thymus x citriodorus</i> Lemon Thyme; Funk's thyme	1	
<i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme	4	144600.0
<i>Thymus serpyllum</i> Creeping Thyme	3	4926.0
<i>Thymus saturejoides</i> Moroccan Savory Thyme	1	
<i>Thymus riatarum</i> 'Moroccan' Thyme	1	
<i>Thymus orospedanus</i> Orosped Thyme	2	9104.0
<i>Thymus mastichina</i> Spanish Marjoram	2	1400.0
<i>Thymus longicaulis</i> Tas Kekik; Kekik	2	
<i>Thymus funkii</i> Funk's Thyme	3	
<i>Thymus cilicicus</i> 'Anatolian' Thyme	1	
<i>Thymus capitatus</i> Spanish Origanum; 'Sicilian' Thyme; Spanish Thyme	4	6500.0
<i>Thymus broussonettii</i> Moroccan Thyme	1	
<i>Tilia</i> sp. Basswood; Linden; Lime	3	
<i>Trachyspermum ammi</i> Ajwan	1	157200.0
<i>Trifolium pratense</i> Red Clover; Cowgrass; Peavine Clover; Purple Clover	3	
<i>Trilisa odoratissima</i> Deer's Tongue; Hound's Tongue; Carolina Vanilla; Vanilla Plant	1	
<i>Triticum aestivum</i> Wheat	1	
<i>Turnera diffusa</i> Damiana	1	
<i>Tussilago farfara</i> Coltsfoot	1	
<i>Ulex europaeus</i> Gorse	1	
<i>Umbellularia californica</i> California Bay	2	8000.0
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Bilberry; Whortleberry	4	
<i>Vaccinium macrocarpon</i> American Cranberry; Large Cranberry; Cranberry	1	
<i>Vaccinium corymbosum</i> Blueberry	4	0.04
<i>Valeriana officinalis</i> Valerian; Garden-Heliotrope; Common Valerian	2	
<i>Vanilla planifolia</i> Vanilla; Bourbon Vanilla	1	
<i>Verbascum thapsus</i> Mullein; Flannelleaf; Flannelplant; Great Mullein; Velvetplant	2	
<i>Vernonia cinerea</i> Purple fleabane	1	

Plant	# Chemicals	Total PPM
<i>Vetiveria zizanioides</i> Cuscus Grass; Vetiver; Cus-Cus	1	
<i>Viburnum prunifolium</i> Black Haw	1	
<i>Viburnum opulus</i> Crampbark; Snowballbush; Guelder Rose; European Cranberry Bush	1	
<i>Viola odorata</i> Sweet Violet; Common Violet	1	714.0
<i>Viscum album</i> European Mistletoe	1	
<i>Vitellaria paradoxa</i> Butterseed; Shea Nut; Sheatree; Shea; Shea-Butter-Tree	1	
<i>Vitex agnus-castus</i> Chaste-Tree	1	
<i>Vitis vinifera</i> European Grape; Grapevine; Wine Grape; Vid (Sp.); Parra (Sp.); Grape; Weinrebe (Ger.); Vigne Vinifere (Fr.)	2	
<i>Wasabia japonica</i> Wasabi; Japanese Horseradish	1	
<i>Xanthorrhiza simplicissima</i> Yellowroot	2	
<i>Zanthoxylum clava-herculis</i> West Indian Yellowwood; Hercules'-Club; Southern Prickly Ash; Pepperbark	1	
<i>Zanthoxylum americanum</i> Northern Prickly Ash	1	
<i>Zanthoxylum alatum</i> Wartara Oil Tree; Indian Prickly Ash	2	
<i>Zea mays</i> Corn	5	
<i>Zingiber officinale</i> Ginger	3	14646.0