

# A Antithiamin

\*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> Musk Okra; Tropical Jewel Hibiscus; Muskmallow; Ambrette  | 1           |           |
| <i>Abelmoschus esculentus</i> Okra   | 1           |           |
| <i>Abutilon theophrasti</i> Butterprint; Indian-Mallow; Velvet Leaf; Abutilon-Hemp   | 1           |           |
| <i>Acacia senegal</i> Gum Arabic Tree; Gum Arabic; Kher; Sudan Gum Arabic; Senegal Gum   | 1           |           |
| <i>Acacia nilotica</i> Babul   | 1           |           |
| <i>Acacia catechu</i> Black Cutch; Catechu   | 1           |           |
| <i>Achillea millefolium</i> Yarrow; Milfoil  | 2           |           |
| <i>Acinos suaveolens</i>   | 1           |           |
| <i>Aconitum napellus</i> Blue Rocket; Aconite; Helmet Flower; Garden Monkshood; Friar's Cap; Garden Wolfsbane; Queen's Fettle; Turk's Cap; Soldier's Cap; European Aconite; Monkshood; Bear's-Foot | 1           |           |
| <i>Actaea dahurica</i> Xing an sheng ma; Sheng ma  | 1           |           |
| <i>Actaea cimicifuga</i> Foetid Bugbane; Sheng ma; Bugbane   | 1           |           |
| <i>Actinidia chinensis</i> Kiwi  | 1           |           |
| <i>Adonis vernalis</i> Spring Adonis   | 1           |           |
| <i>Aesculus hippocastanum</i> Horse Chestnut   | 1           |           |
| <i>Agathosma betulina</i> Buchu; Honey Buchu; Mountain Buchu   | 1           |           |
| <i>Ageratum conyzoides</i> Mexican ageratum  | 1           |           |
| <i>Agrimonia eupatoria</i> Agrimony; Sticklewort   | 2           |           |
| <i>Ailanthus altissima</i> Tree Of Heaven; Stinktree   | 1           |           |
| <i>Albizia lebbek</i> Lebbek; Women's-Tongue Tree; Frywood; East Indian Walnut; Siris Tree; Koko; Lebbek Tree  | 2           |           |
| <i>Allium schoenoprasum</i> Chives   | 2           | 18.0      |
| <i>Allium sativum</i> var. <i>sativum</i> Garlic   | 2           | 440.0     |
| <i>Allium cepa</i> Onion; Shallot  | 3           | 96200.0   |
| <i>Allium ampeloprasum</i> Elephant Garlic; Kurrat   | 1           |           |
| <i>Alpinia officinarum</i> Lesser Galangal; Chinese Ginger   | 1           |           |
| <i>Althaea officinalis</i> White Mallow; Marshmallow   | 2           |           |
| <i>Ammi visnaga</i> Visnaga  | 1           |           |
| <i>Ammi majus</i> Bishop's Weed  | 1           |           |
| <i>Anadenanthera peregrina</i> Niopo; Cohoba   | 1           |           |
| <i>Ananas comosus</i> Pineapple  | 1           |           |
| <i>Anastatica hierochuntica</i> Jericho Rose   | 1           |           |
| <i>Anemone pulsatilla</i> Pasque Flower  | 1           |           |
| <i>Anethum graveolens</i> Dill; Garden Dill  | 2           |           |
| <i>Angelica archangelica</i> Angelica; Garden Angelica; Wild Parsnip   | 1           |           |
| <i>Annona muricata</i> Soursop   | 1           |           |
| <i>Anogeissus latifolia</i> Gum Ghatti   | 1           |           |
| <i>Apium graveolens</i> Celery   | 2           |           |
| <i>Arachis hypogaea</i> Groundnut; Peanut  | 2           | 22.0      |
| <i>Araucaria bidwillii</i> Monkey puzzle   | 1           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Arctium lappa</i> Burdock; Great Burdock; Gobo  | 1           | 5000.0    |
| <i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi   | 2           |           |
| <i>Ardisia japonica</i> Marlberry  | 1           |           |
| <i>Armoracia rusticana</i> Horseradish   | 2           |           |
| <i>Arnica montana</i> Mountain Tobacco; Leopard's-Bane   | 1           |           |
| <i>Artemisia dracunculus</i> Tarragon  | 2           |           |
| <i>Artemisia capillaris</i> Capillary Wormwood   | 1           |           |
| <i>Artemisia annua</i> Annual Mugwort (GRIN); Annual Wormwood (GRIN); Qinghao; Sweet Annie; Sweet Wormwood (GRIN)  | 1           |           |
| <i>Artemisia abrotanum</i> Southernwood  | 1           |           |
| <i>Artocarpus altilis</i> Breadfruit   | 1           |           |
| <i>Asimina triloba</i> Pawpaw  | 2           |           |
| <i>Aspalathus linearis</i> Kaffree Tea; Rooibos; Red Bush Tea  | 2           |           |
| <i>Asparagus officinalis</i> Asparagus   | 1           |           |
| <i>Astragalus membranaceus</i> Huang-Chi; Huang Qi   | 2           |           |
| <i>Avena sativa</i> Oats   | 2           | 620.0     |
| <i>Azadirachta indica</i> Neem   | 1           | 2000.0    |
| <i>Ballota nigra</i> Black Horehound   | 1           |           |
| <i>Barosma betulina</i> Buchu  | 1           |           |
| <i>Basella alba</i> Vinespinach  | 1           |           |
| <i>Berberis vulgaris</i> Barberry  | 2           |           |
| <i>Beta vulgaris</i> Sugar Beet; Beetroot; Beet; Garden Beet   | 2           |           |
| <i>Borago officinalis</i> Borage; Beebread; Beeplant; Talewort   | 1           |           |
| <i>Brassica pekinensis</i> Chinese Cabbage   | 1           | 22.0      |
| <i>Brassica oleracea</i> var. <i>sabellica</i> I. Curly Kale; Kitchen Kale; Kale; Scotch Kale  | 1           | 100.0     |
| <i>Brassica oleracea</i> var. <i>italica</i> Broccoli; Winter Broccoli; Purple Cauliflower; Asparagus Broccoli; Cape Broccoli; Calabrese; Sprouting Broccoli; Heading Broccoli | 2           |           |
| <i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts  | 2           | 118.0     |
| <i>Brassica oleracea</i> var. <i>capitata</i> I. Cabbage; Red Cabbage; White Cabbage   | 2           | 354.0     |
| <i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower   | 2           | 28.0      |
| <i>Brassica oleracea</i> Kohlrabi  | 1           | 40.0      |
| <i>Brassica nigra</i> Black Mustard  | 1           |           |
| <i>Caesalpinia pulcherrima</i> Bird Of Paradise  | 1           |           |
| <i>Calendula officinalis</i> Pot-Marigold; Calendula   | 2           |           |
| <i>Camellia sinensis</i> Tea   | 2           | 20000.0   |
| <i>Camptotheca acuminata</i> Happy Tree  | 1           |           |
| <i>Capparis spinosa</i> Caper; Caperbush   | 1           |           |
| <i>Capsicum frutescens</i> Chili; Cayenne; Hot Pepper; Red Chili; Tabasco; Spur Pepper   | 2           | 190.0     |
| <i>Capsicum annuum</i> Cherry Pepper; Cone Pepper; Green Pepper; Paprika; Sweet Pepper; Bell Pepper  | 1           | 22.0      |
| <i>Carica papaya</i> Papaya  | 1           |           |
| <i>Carum carvi</i> Comino (Sp.); Kummel (Ger.); Caraway; Carum; Comino de prado (Sp.)  | 2           |           |
| <i>Castanea sativa</i> European Chestnut   | 2           |           |
| <i>Catalpa bignonioides</i> Indian bean  | 1           |           |
| <i>Catharanthus roseus</i> Rosy Periwinkle; Madagascar Periwinkle  | 1           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Cedrus deodora</i> Deodar Cedar   | 1           |           |
| <i>Ceiba pentandra</i> Kapok; Silk-Cotton Tree   | 2           |           |
| <i>Centaurea cyanus</i> Cornflower; Bachelor's Button  | 2           |           |
| <i>Centaurea calcitrapa</i> Star-Thistle   | 1           |           |
| <i>Centaurium erythraea</i> Centaury   | 1           |           |
| <i>Centella asiatica</i> Pennywort; Gotu Kola  | 1           |           |
| <i>Ceratonia siliqua</i> Locust Bean; Carob; St.John's-Bread   | 1           |           |
| <i>Chamaemelum nobile</i> Garden Camomile; Roman Camomile; Perennial Camomile                                  | 1           |           |
| <i>Cichorium intybus</i> Chicory; Witloof; Succory   | 3           | 1534.0    |
| <i>Cichorium endivia</i> Escarole; Endive  | 2           |           |
| <i>Cimicifuga dahurica</i> Sheng Ma  | 1           |           |
| <i>Cinchona</i> spp Quinine  | 1           |           |
| <i>Cinchona pubescens</i> Red Peruvian-Bark; Red Cinchona; Quinine; Redbark                                    | 1           |           |
| <i>Cinnamomum verum</i> Cinnamon; Ceylon Cinnamon  | 1           |           |
| <i>Cinnamomum camphora</i> Ho Leaf; Camphor  | 2           |           |
| <i>Citrullus lanatus</i> Watermelon  | 1           |           |
| <i>Citrullus colocynthis</i> Colocynth   | 1           |           |
| <i>Citrus sinensis</i> Orange  | 2           | 100.0     |
| <i>Citrus paradisi</i> Grapefruit  | 3           | 102.0     |
| <i>Citrus limon</i> Lemon  | 2           | 70.0      |
| <i>Clematis vitalba</i> Traveler's Joy   | 1           |           |
| <i>Cnicus benedictus</i> Blessed Thistle   | 1           |           |
| <i>Coccinia grandis</i> Kundree; Tindori; Kanduri; Little Gourd; Ivy Gourd; Pepasan; Tindora                   | 1           |           |
| <i>Coffea arabica</i> Coffee   | 1           |           |
| <i>Cola acuminata</i> Abata Cola   | 1           |           |
| <i>Coleus barbatus</i> Forskohl's Coleus   | 1           |           |
| <i>Commiphora wightii</i> Guggul; Indian Bdellium-Tree   | 1           |           |
| <i>Conium maculatum</i> Spotted Hemlock; Spotted Parsley; Fool's Parsley; Poison Hemlock; Hemlock; Carrot Fern | 1           |           |
| <i>Consolida ajacis</i> Larkspur   | 1           |           |
| <i>Convallaria majalis</i> Lily-Of-The-Valley  | 1           |           |
| <i>Conyza canadensis</i> Horseweed; Hogweed; Butterweed  | 1           |           |
| <i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro   | 2           |           |
| <i>Coriaria thymifolia</i> Ground Toot; Shanshi  | 1           |           |
| <i>Coriaria myrtifolia</i> Mealy Tree  | 1           |           |
| <i>Cornus mas</i> Sorbet; Cornelian Cherry   | 1           |           |
| <i>Cornus florida</i> American Dogwood   | 1           |           |
| <i>Corylus avellana</i> Hazel; Cobnut; European Filbert; English Filbert; European Hazel                       | 1           |           |
| <i>Corylus americana</i> American Hazel; American Filbert  | 1           |           |
| <i>Crataegus rhipidophylla</i> Hawthorn  | 2           |           |
| <i>Crataegus monogyna</i> Hawthorn; English Hawthorn   | 2           |           |
| <i>Crataegus laevigata</i> English Hawthorn; Woodland Hawthorn; Hawthorn; Whitethorn                           | 2           |           |
| <i>Crataegus cuneata</i> Hawthorn  | 1           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Crocus sativus</i> Saffron   | 1           |           |
| <i>Cucumis sativus</i> Cucumber   | 1           |           |
| <i>Cucumis melo</i> Persian Melon; Netted Melon; Nutmeg Melon; Cantaloupe; Melon; Muskmelon   | 1           |           |
| <i>Cucurbita pepo</i> Pumpkin   | 2           |           |
| <i>Curcuma longa</i> Indian Saffron; Turmeric   | 2           | 10.0      |
| <i>Cyamopsis tetragonoloba</i> Siam-Bean; Guar; Cluster-Bean  | 2           |           |
| <i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass   | 1           |           |
| <i>Cynara cardunculus</i> Artichoke   | 2           |           |
| <i>Cytisus scoparius</i> Scotch Broom   | 1           |           |
| <i>Datura stramonium</i> Jimsonweed   | 1           |           |
| <i>Daucus carota</i> Carrot   | 2           |           |
| <i>Digitalis purpurea</i> Purple Foxglove   | 1           |           |
| <i>Diospyros virginiana</i> American Persimmon  | 1           |           |
| <i>Dipsacus fullonum</i>  | 1           |           |
| <i>Dodonaea viscosa</i> Hopwood   | 2           |           |
| <i>Drimys winteri</i> Winter's Bark   | 2           |           |
| <i>Echinacea</i> spp Echinacea; Coneflower  | 2           |           |
| <i>Echinacea purpurea</i> Purple-Coneflower; Eastern Purple-Coneflower; Echinacea   | 1           |           |
| <i>Echinacea angustifolia</i> Echinacea; Narrow Leaf Echinacea; Narrow Leaf Purple-Coneflower   | 1           |           |
| <i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry   | 2           |           |
| <i>Elettaria cardamomum</i> Cardamom  | 1           |           |
| <i>Eleutherococcus senticosus</i> Siberian Ginseng; Wu jia; Spiny Ginseng; Eleuthero Ginseng; Ci wu jia (Pinyin)                                      | 1           |           |
| <i>Equisetum hyemale</i> Scouring Rush; Horsetail   | 1           |           |
| <i>Equisetum arvense</i> Horsetail; Field Horsetail   | 3           |           |
| <i>Eriobotrya japonica</i> Loquat   | 2           |           |
| <i>Erythroxylum coca</i> Coca   | 1           |           |
| <i>Eucalyptus globulus</i> Tasmanian Bluegum; Blue Gum; Eucalypt  | 2           |           |
| <i>Eucommia ulmoides</i> Du Zhong; Gutta-Percha Tree; Tu Chung  | 1           |           |
| <i>Eupatorium perfoliatum</i> Boneset   | 1           |           |
| <i>Euphorbia pulcherrima</i> Poinsettia   | 1           |           |
| <i>Euphorbia lathyris</i> Mole Plant; Caper Spurge  | 1           |           |
| <i>Euphorbia hirta</i> Queensland Asthma Herb   | 2           |           |
| <i>Euphrasia officinalis</i> Eyebright  | 2           |           |
| <i>Fagopyrum esculentum</i> Buckwheat   | 2           |           |
| <i>Ficus carica</i> Fig; Higo (Sp.); Fico (Ital.); Figueira (Port.); Higuera Comun (Sp.); Feigenbaum (Ger.); Echte Feige (Ger.); Figuier Commun (Fr.) | 2           |           |
| <i>Filipendula ulmaria</i> Queen Of The Meadow; Meadowsweet   | 1           |           |
| <i>Foeniculum vulgare</i> Fennel  | 2           |           |
| <i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao   | 1           |           |
| <i>Fragaria</i> spp Strawberry  | 3           | 68.0      |
| <i>Galega officinalis</i> Galega; Goat's Rue  | 1           |           |
| <i>Gaultheria procumbens</i> Wintergreen; Teaberry; Creeping Wintergreen; Mountain Tea; Wintergrun (Ger.); Checkerberry                               | 1           |           |
| <i>Gentiana lutea</i> Yellow Gentian; Gentian   | 1           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Geranium thunbergii</i> Gennoshiouko; Oriental Geranium   | 1           |           |
| <i>Ginkgo biloba</i> Maidenhair Tree; Ginkgo   | 1           |           |
| <i>Glechoma hederacea</i> Alehoof  | 1           |           |
| <i>Glycine max</i> Soybean   | 2           | 8.0       |
| <i>Glycyrrhiza uralensis</i> Gan-Cao; Kan-Tsao; Chinese Licorice                                     | 1           |           |
| <i>Glycyrrhiza glabra</i> Licorice; Licorice-Root; Commom Licorice; Smooth Licorice                  | 1           |           |
| <i>Gossypium sp</i> Cotton   | 1           |           |
| <i>Guazuma tomentosa</i>   | 1           |           |
| <i>Haematoxylum campechianum</i> Campechy; Logwood   | 1           |           |
| <i>Hamamelis virginiana</i> Witch Hazel  | 1           |           |
| <i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant  | 1           |           |
| <i>Helianthus annuus</i> Girasol; Sunflower  | 2           | 4828.0    |
| <i>Helichrysum angustifolium</i> Everlasting; Immortelle   | 1           |           |
| <i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower  | 1           |           |
| <i>Hippophae rhamnoides</i> Sallow Thorn; Sea Buckthorn; Yellow Spine                                | 1           |           |
| <i>Holarrhena pubescens</i> Zhi Xie Mu; Tellicherry Bark; Kurchi; Conessi                            | 1           |           |
| <i>Hordeum vulgare</i> Barleygrass; Barley   | 1           |           |
| <i>Houttuynia cordata</i> Dokudami; Fishwort; Yu Xing Cao  | 1           |           |
| <i>Humulus lupulus</i> Hops  | 2           |           |
| <i>Hydrangea arborescens</i> Smooth Hydrangea; Hydrangea   | 1           |           |
| <i>Hypericum perforatum</i> Common St. Johnswort; Goatweed; Klamath Weed; St. John's-wort; Hypericum | 2           |           |
| <i>Hyssopus officinalis</i> Hyssop   | 1           |           |
| <i>Inonotus obliquus</i>   | 1           |           |
| <i>Inula helenium</i> Elecampane   | 1           |           |
| <i>Ipomoea purga</i> Jalap   | 1           | 80000.0   |
| <i>Ipomoea batatas</i> Sweet Potato  | 2           |           |
| <i>Isatis tinctoria</i> Dyer's Woad  | 1           |           |
| <i>Juglans regia</i> English Walnut  | 2           |           |
| <i>Juglans nigra</i> Black Walnut  | 2           |           |
| <i>Juniperus communis</i> Common Juniper; Juniper  | 2           |           |
| <i>Kalanchoe spathulata</i> Beach Bells  | 1           |           |
| <i>Kalanchoe pinnata</i> Air Plant; Siempre Viva   | 2           |           |
| <i>Lactuca sativa</i> Lettuce  | 2           |           |
| <i>Laurus nobilis</i> Sweet Bay; Laurel; Grecian Laurel; Bay Laurel; Bay; Bayleaf                    | 2           |           |
| <i>Ledum palustre</i> Marsh Tea; Wild Rosemary   | 1           |           |
| <i>Leonurus cardiaca</i> Motherwort  | 1           |           |
| <i>Levisticum officinale</i> Lovage  | 1           |           |
| <i>Ligustrum lucidum</i> Glossy Privet; Privet; Chinese Privet; White Waxtree; Ligustri Fructus      | 1           |           |
| <i>Ligustrum japonicum</i> Japanese Privet; Ligustri Fructus   | 2           |           |
| <i>Lippia dulcis</i> Sweet Herb  | 1           |           |
| <i>Ludwigia perennis</i> Perennial ludwigia  | 1           |           |
| <i>Ludwigia adscendens</i> Ascending ludwigia  | 1           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Lycium chinense</i> Chinese Matrimony Vine; Gou Qi (Chin.); Spina Santa Cinese (Ital.); Kaukichai (Malays.); Lyciet de Chine (Fr.); Kuko (Jap.); Wolfberry; Chinese Wolfberry; Chinesischer Bocksdom (Ger.); Daun Koki (Indones.); Chinese Boxthorn | 1           |           |
| <i>Lycopersicon esculentum</i> Tomato  | 2           | 12.0      |
| <i>Lycopodium clavatum</i> Clubmoss; Antler Herb   | 1           |           |
| <i>Lycopus virginicus</i> Bugle  | 1           |           |
| <i>Lycopus europeus</i> European Bugle   | 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 denudata</i> Xin-Yi; Hsin-I  | 1           |           |
| <i>Malus domestica</i> Apple   | 2           | 3066.0    |
| <i>Mangifera indica</i> Mango  | 1           |           |
| <i>Maranta arundinacea</i> Arrowroot; Bermuda Arrowroot  | 1           |           |
| <i>Marrubium vulgare</i> White Horehound; Horehound  | 2           |           |
| <i>Matricaria recutita</i> Wild Camomile; Annual Camomile; German Camomile   | 2           |           |
| <i>Medicago sativa</i> Lucerne; Alfalfa  | 2           |           |
| <i>Melia azedarach</i> Chinaberry  | 2           |           |
| <i>Melilotus officinalis</i> Yellow Sweetclover  | 2           |           |
| <i>Melissa officinalis</i> Lemonbalm; Balm; Bee Balm; Melissa  | 1           |           |
| <i>Mentha x rotundifolia</i> Applemint   | 1           |           |
| <i>Mentha x piperita</i> Peppermint  | 1           |           |
| <i>Menyanthes trifoliata</i> Buckbean; Marsh Clover; Marsh Trefoil; Water Trefoil; Bog Myrtle; Bogbean   | 2           |           |
| <i>Moringa oleifera</i> West Indian Ben; Horseradish Tree; Jacinto (Sp.); Drumstick Tree; Ben Nut; Benzolive Tree; Moringa   | 2           |           |
| <i>Morus alba</i> White Mulberry; Sang-Pai-Pi  | 3           |           |
| <i>Musa x paradisiaca</i> Banana; Plantain   | 1           |           |
| <i>Myristica fragrans</i> Nutmeg; Mace; nuez moscada (Sp.); nogal moscado (Sp.); Muskatnussbaum (Ger.)   | 2           |           |
| <i>Nelumbo nucifera</i> Water Lotus  | 1           |           |
| <i>Nerium oleander</i> Oleander  | 1           |           |
| <i>Nicotiana tabacum</i> Tobacco   | 3           |           |
| <i>Ocimum basilicum</i> Cuban Basil; Basil; Sweet Basil  | 2           | 38100.0   |
| <i>Oenothera biennis</i> Evening-Primrose  | 2           | 414000.0  |
| <i>Olea europaea</i> Olive   | 3           |           |
| <i>Ononis spinosa</i> Spiny Restharrow; Restharrow; Hauhechel (Ger.)   | 1           |           |
| <i>Origanum vulgare</i> Common Turkish Oregano; Pot Marjoram; Oregano; Wild Oregano; Wild Marjoram; European Oregano   | 3           | 14120.0   |
| <i>Origanum majorana</i> Sweet Marjoram; Marjoram  | 1           |           |
| <i>Paeonia suffruticosa</i> Moutan; Moutan Peony; Tree Peony   | 1           |           |
| <i>Paeonia moutan</i> Tree Peony; Moutan   | 1           |           |
| <i>Paeonia lactiflora</i> White Peony; Bai Shao (Chinese); Common Garden Peony; Peony; Chih-Shao   | 1           |           |
| <i>Panax notoginseng</i> Sanchi Ginseng  | 1           |           |
| <i>Panax ginseng</i> Chinese Ginseng; Ginseng; Korean Ginseng; Oriental Ginseng  | 1           |           |
| <i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy   | 1           |           |
| <i>Passiflora incarnata</i> Passionflower; Manzana de Mayo; Mayapple   | 1           |           |
| <i>Pastinaca sativa</i> Parsnip  | 1           |           |

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|---|-------------|-----------|
| <i>Paullinia cupana</i> Guarana   | 1           |           |
| <i>Perilla frutescens</i> Perilla   | 2           |           |
| <i>Persea americana</i> Avocado   | 3           |           |
| <i>Petasites hybridus</i> European Butterbur  | 1           |           |
| <i>Petroselinum crispum</i> Parsley   | 2           |           |
| <i>Peucedanum ostruthium</i> Masterwort   | 1           |           |
| <i>Phaseolus vulgaris</i> Popping Bean; Dwarf Bean; Green Bean; String Bean; Snap Bean; Haricot; Haricot Vert; Field Bean; Kidney Bean; Garden Bean; Black Bean; Navy Bean; Haricot Bean; Flageolet Bean; French Bean; Pop Bean; Wax Bean | 1           |           |
| <i>Phoenix dactylifera</i> Date Palm  | 1           |           |
| <i>Phyllanthus niruri</i> Seed On The Leaf  | 1           |           |
| <i>Phyllanthus emblica</i> Emblic; Myrobalan  | 1           |           |
| <i>Pimpinella anisum</i> Sweet Cumin; Anise   | 2           |           |
| <i>Pinus sylvestris</i> Scotch Pine   | 3           |           |
| <i>Pinus mugo</i> Dwarf Pine; Swiss Mountain Pine   | 1           |           |
| <i>Piper nigrum</i> White Pepper; Pepper; Black Pepper  | 2           |           |
| <i>Pistacia lentiscus</i> Mastic; Chios Mastictree; Mastictree; Mastixbaum (Ger.); Lentisco (Sp.)   | 1           |           |
| <i>Pisum sativum</i> Pea  | 1           |           |
| <i>Plantago major</i> Common Plantain   | 1           |           |
| <i>Plumeria acutifolia</i> Frangipani   | 1           |           |
| <i>Podophyllum pleianthum</i> Chinese Mayapple  | 1           |           |
| <i>Podophyllum peltatum</i> Mayapple  | 1           | 100000.0  |
| <i>Podophyllum hexandrum</i> Himalayan Mayapple   | 1           |           |
| <i>Polygonum hydropiperoides</i> Mild Water Pepper  | 1           |           |
| <i>Polygonum hydropiper</i> Common Smartweed  | 1           |           |
| <i>Polygonum aviculare</i> Prostrate Knotweed   | 1           |           |
| <i>Polypodium vulgare</i> Common Polypody; Sweet Fern   | 1           |           |
| <i>Populus tacamahacca</i> Balm Of Gilead   | 1           |           |
| <i>Portulaca oleracea</i> Verdolaga; Purslane   | 2           |           |
| <i>Prosopis juliflora</i> Mesquite  | 1           |           |
| <i>Prunella vulgaris</i> Self-Heal; Heal-All  | 1           |           |
| <i>Prunus spinosa</i> Sloe; Blackthorn  | 2           |           |
| <i>Prunus serotina</i> Wild Cherry; Black Cherry  | 2           |           |
| <i>Prunus persica</i> Peach   | 2           |           |
| <i>Prunus laurocerasus</i> Cherry Laurel  | 2           |           |
| <i>Prunus dulcis</i> Almond   | 2           |           |
| <i>Prunus domestica</i> Plum  | 2           |           |
| <i>Prunus cerasus</i> Sour Cherry   | 2           |           |
| <i>Prunus armeniaca</i> Apricot   | 2           |           |
| <i>Psidium guajava</i> Guava  | 1           |           |
| <i>Psidium cattleianum</i> Strawberry Guava   | 1           |           |
| <i>Pteridium aquilinum</i> Bracken Fern; Bracken  | 2           |           |
| <i>Pterocarpus marsupium</i> Malabar Kino; Indian Kino; bijasal   | 1           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Pueraria montana</i> Kudsu; Kudzu   | 1           |           |
| <i>Punica granatum</i> Mangrano (Sp.); Romanzeiro (Port.); Granatapfelstrauch (Ger.); Granado (Sp.); Pomegranate; Grenadier (Fr.); Granatapfelbaum (Ger.); Zakuro (Jap.) | 2           |           |
| <i>Pyrus communis</i> Pear   | 2           | 39456.0   |
| <i>Quercus velutina</i> Black Oak  | 1           |           |
| <i>Quercus robur</i> English Oak   | 1           |           |
| <i>Quercus infectoria</i> Gall Oak; Dyer's Oak; Aleppo Oak   | 1           |           |
| <i>Quercus alba</i> White Oak  | 1           |           |
| <i>Raphanus sativus</i> Radish   | 1           | 182.0     |
| <i>Rheum rhabarbarum</i> Rhubarb   | 1           | 16.0      |
| <i>Rheum officinale</i> Chinese Rhubarb  | 1           |           |
| <i>Rhododendron ponticum</i> Pontic Alpenrose  | 1           |           |
| <i>Rhododendron dauricum</i> Chinese Alpenrose   | 2           |           |
| <i>Rhus toxicodendron</i> Poison Ivy   | 1           |           |
| <i>Rhus coriaria</i> Tanner's Sumac; Sicilian Sumac; Sumac   | 1           |           |
| <i>Ribes nigrum</i> Black Currant  | 2           |           |
| <i>Ricinus communis</i> Castorbean   | 1           |           |
| <i>Rosa</i> spp Rose Hips  | 1           |           |
| <i>Rosa damascena</i> Damask Rose  | 1           |           |
| <i>Rosa canina</i> Rose; Dogbrier; Dog Rose  | 1           |           |
| <i>Rosmarinus officinalis</i> Rosemary   | 1           |           |
| <i>Rubus idaeus</i> Raspberry; Red Raspberry   | 2           |           |
| <i>Rumex crispus</i> Sour Dock; Yellow Dock; Lengua De Vaca; Curly Dock  | 1           |           |
| <i>Rumex acetosa</i> Garden Sorrel   | 1           |           |
| <i>Ruta graveolens</i> Rue   | 1           |           |
| <i>Salix alba</i> White Willow   | 1           |           |
| <i>Salvia</i> sp. Chia   | 1           |           |
| <i>Salvia officinalis</i> Sage   | 1           |           |
| <i>Sambucus simpsonii</i> Simpson's elderberry   | 1           |           |
| <i>Sambucus nigra</i> European Elderberry; European Alder; European Elder; Black Elder; Elder  | 2           |           |
| <i>Sambucus canadensis</i> American Elder; American Elderberry; Elderberry; Sweet Elder  | 1           |           |
| <i>Sanguisorba officinalis</i> Greater Burnet  | 1           |           |
| <i>Sanguisorba minor</i> Small Burnet  | 2           |           |
| <i>Santolina chamaecyparissus</i> Lavender Cotton  | 1           |           |
| <i>Satureja montana</i> Savory; Winter Savory  | 1           |           |
| <i>Schinus terebinthifolius</i> Brazilian Peppertree   | 1           |           |
| <i>Schinus molle</i> Mastic-Tree; Peruvian Peppertree; California Peppertree   | 1           |           |
| <i>Scopolia carniolica</i> Scopolia  | 1           |           |
| <i>Senna occidentalis</i> Coffee Senna   | 1           |           |
| <i>Senna obtusifolia</i> Sicklepod   | 1           |           |
| <i>Sesamum indicum</i> Ajonjoli (Sp.); Beni; Sesamo (Sp.); Sesame; Benneseed   | 1           |           |
| <i>Silybum marianum</i> Lady's Thistle; Milk Thistle   | 1           |           |
| <i>Solanum tuberosum</i> Potato  | 2           | 1680.0    |



| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Solanum torvum</i> Susumba; Wild Eggplant  | 1           |           |
| <i>Solanum melongena</i> Eggplant; Aubergine  | 1           |           |
| <i>Solidago virgaurea</i> European Goldenrod; Woundwort   | 2           |           |
| <i>Solidago gigantea</i> Early Goldenrod  | 2           |           |
| <i>Sophora japonica</i> Japanese Pagoda Tree  | 2           |           |
| <i>Sorbus aucubaria</i> Rowan Berry   | 2           |           |
| <i>Spartium junceum</i> Spanish Broom; Genet; Weaver's Broom  | 2           |           |
| <i>Spinacia oleracea</i> Spinach  | 2           | 38.0      |
| <i>Stachys officinalis</i> Wood Betony; Purple Betony; Bishop's-Wort; Betony  | 1           | 10000.0   |
| <i>Stellaria media</i> Chickweed; Common Chickweed  | 1           |           |
| <i>Symphytum officinale</i> Comfrey   | 1           |           |
| <i>Syzygium aromaticum</i> Clove; Clovetree   | 1           |           |
| <i>Tabebuia impetiginosa</i> Taheebo; Pau d'arco  | 1           |           |
| <i>Tagetes patula</i> French Marigold   | 2           |           |
| <i>Tagetes minuta</i> Stinking-Roger; Muster John Henry; Aztec Marigold; Wild Marigold; Dwarf Marigold; Mexican Marigold  | 1           |           |
| <i>Tanacetum vulgare</i> Tansy  | 2           |           |
| <i>Taraxacum officinale</i> Dandelion   | 2           |           |
| <i>Taxus baccata</i> Common Yew   | 1           |           |
| <i>Tecoma stans</i> Yellow Elder  | 1           |           |
| <i>Terminalia ivorensis</i> Brimstonewood; Satinwood; Idigbo; Shinglewood; Blackbark; Black Afara; Emire  | 1           |           |
| <i>Terminalia chebula</i> Myrobalan; Black Myrobalan; Ink Nut; Chebulic Myrobalan   | 1           |           |
| <i>Terminalia catappa</i> Malabar Almond; Indian Almond; Tropical Almond  | 1           |           |
| <i>Teucrium scorodonia</i> Germander; Wood Germander  | 1           |           |
| <i>Teucrium scordium</i> Water Germander  | 1           |           |
| <i>Teucrium montanum</i> Mountain Germander   | 1           |           |
| <i>Teucrium chamaedrys</i> Wall Germander   | 1           |           |
| <i>Teucrium botrys</i> Field Germander  | 1           |           |
| <i>Theobroma cacao</i> Cacao  | 3           |           |
| <i>Thespesia populnea</i> Indian tulip tree   | 1           |           |
| <i>Thevetia peruviana</i> Oleandre Jaune (Fr.); Yellow Oleander; Adelfa Amarilla (Sp.); Peruvian Yellow Oleander; Loandro-Amarelo (Port.); Luckynut; Thevetie (Ger.); Cabalonga (Sp.); Chirca (Sp.) | 1           |           |
| <i>Thymus vulgaris</i> Thyme; Common Thyme; Garden Thyme  | 1           | 33800.0   |
| <i>Thymus serpyllum</i> Creeping Thyme  | 1           | 12400.0   |
| <i>Tilia</i> sp. Lime; Basswood; Linden   | 2           |           |
| <i>Tribulus terrestris</i> Puncture-vine  | 1           |           |
| <i>Tridax procumbens</i> Coatbuttons; Mexican daisy   | 1           |           |
| <i>Trifolium pratense</i> Peavine Clover; Cowgrass; Red Clover; Purple Clover   | 2           |           |
| <i>Trigonella foenum-graecum</i> Fenugreek; Alholva (Sp.); Greek Hay; Bockshornklee (Ger.); Greek Clover  | 1           |           |
| <i>Triticum aestivum</i> Wheat  | 2           | 8.0       |
| <i>Tussilago farfara</i> Coltsfoot  | 1           |           |
| <i>Uncaria catechu</i> Gambir; Pale Catechu   | 2           |           |
| <i>Urginea maritima</i> European Squill   | 2           |           |
| <i>Urtica dioica</i> Stinging Nettle; European Nettle   | 2           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Vaccinium vitis-idaea</i> Lingen; Cowberry; Lingonberry  | 2           |           |
| <i>Vaccinium myrtillus</i> Whortleberry; Bilberry; Dwarf Bilberry   | 2           |           |
| <i>Vaccinium macrocarpon</i> Cranberry; Large Cranberry; American Cranberry   | 1           | 500.0     |
| <i>Vaccinium corymbosum</i> Blueberry   | 2           |           |
| <i>Valeriana officinalis</i> Valerian; Garden-Heliotrope; Common Valerian   | 2           |           |
| <i>Vanilla planifolia</i> Bourbon Vanilla; Vanilla  | 1           |           |
| <i>Verbena officinalis</i> Vervain  | 1           | 20000.0   |
| <i>Viburnum opulus</i> Crampbark; Guelder Rose; Snowballbush; European Cranberry Bush   | 2           |           |
| <i>Vicia faba</i> Habas; Faba Bean; Broadbean   | 1           |           |
| <i>Vigna radiata</i> Green Gram; Mungbean   | 1           |           |
| <i>Viola tricolor</i> Pansy; Wild Violet  | 1           |           |
| <i>Viola odorata</i> Common Violet; Sweet Violet  | 1           |           |
| <i>Viscum album</i> European Mistletoe  | 1           |           |
| <i>Vitis vinifera</i> Parra (Sp.); Grapevine; European Grape; Weinrebe (Ger.); Vigne Vinifere (Fr.); Wine Grape; Vid (Sp.); Grape | 2           |           |
| <i>Withania somnifera</i> Ashwagandha   | 1           |           |
| <i>Zea mays</i> Corn  | 2           | 1.4       |
| <i>Zingiber officinale</i> Ginger   | 2           |           |