

# A Antiepileptic

\*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 |
|---|-------------|-----------|
| Abelmoschus manihot Manioc Hibiscus   | 2           | 9940.0    |
| Abelmoschus esculentus Okra   | 5           | 66720.0   |
| Acacia senegal Senegal Gum; Gum Arabic; Gum Arabic Tree; Kher; Sudan Gum Arabic   | 1           |           |
| Acacia nilotica Babul   | 2           |           |
| Acacia farnesiana Cassie; Popinac; Opopanax; Sweet Acacia; Huisache   | 2           | 109054.0  |
| Acacia catechu Black Cutch; Catechu   | 2           |           |
| Acanthopanax gracilistylis Wu Chia Pi   | 3           | 5866.0    |
| Achillea millefolium Milfoil; Yarrow  | 5           | 3895.0    |
| Achyranthes bidentata Chaff Flower  | 3           | 11694.0   |
| Aconitum napellus Blue Rocket; Garden Monkshood; Helmet Flower; Monkshood; Garden Wolfsbane; Soldier's Cap; Queen's Fettle; European Aconite; Aconite; Turk's Cap; Bear's-Foot; Friar's Cap | 1           |           |
| Aconitum carmichaelii Aconite; Fu-Tsu   | 3           | 1042.0    |
| Acorus calamus Sweet Calamus; Myrtle Flag; Flagroot; Sweetroot; Sweetflag; Calamus  | 3           | 2818.0    |
| Actaea racemosa Black Snakeroot; Black Cohosh   | 4           |           |
| Actaea dahurica Sheng ma; Xing an sheng ma  | 3           |           |
| Actinidia chinensis Kiwi  | 2           | 3600.0    |
| Aegle marmelos Bael fruit; Bael de India  | 1           |           |
| Aframomum melegueta Grains-of-Paradise; Malagueta (Sp.); Malagettapfeffer (Ger.); Alligator Pepper; Guinea Grains; Melegueta Pepper   | 1           |           |
| Agathosma betulina Buchu; Mountain Buchu; Honey Buchu   | 4           | 6022.0    |
| Akebia quinata Chocolate Vine   | 3           | 2320.0    |
| Albizia lebbek East Indian Walnut; Siris Tree; Frywood; Lebbek; Women's-Tongue Tree; Lebbek Tree; Koko  | 1           |           |
| Albizia julibrissin Mimosa  | 3           | 2262.0    |
| Alisma plantago-aquatica Mud Plantain; Water Plantain; Tse-Hsieh; Ze-Xie  | 4           | 4574.0    |
| Allium schoenoprasum Chives   | 4           | 158711.0  |
| Allium sativum var. sativum Garlic  | 5           | 41355.2   |
| Allium cepa Onion; Shallot  | 5           | 3078.8    |
| Allium ampeloprasum Kurrat; Elephant Garlic   | 3           | 220.0     |
| Alocasia macrorrhiza Giant Taro   | 4           | 3676.0    |
| Aloe vera Aloe; Bitter Aloes  | 5           | 3534.6    |
| Aloe spp. Aloe  | 4           |           |
| Alpinia officinarum Chinese Ginger; Lesser Galangal   | 1           |           |
| Alpinia galanga Greater Galangal; Languas; Siamese Ginger   | 2           | 142.0     |
| Althaea officinalis White Mallow; Marshmallow   | 4           | 10470.4   |
| Amaranthus spinosus Spiny pigweed   | 1           |           |
| Amaranthus sp. Pigweed  | 4           | 83940.0   |
| Amomum xanthioides Bastard Cardamom; Tavoy Cardamom; Chin Kousha; Malabar Cardamom  | 3           | 8306.0    |
| Amorphophallus konjac Leopard Palm; Umbrella Arum; Snake Palm; Elephant Yam; Konjac; Devil's Tongue   | 4           |           |
| Amorphophallus campanulatus Elephant-Foot Yam   | 4           | 6526.0    |
| Amphicarpaea bracteata Hog Peanut   | 3           |           |

| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Anabasis aphylla</i> Anabasis  | 1           |                    |
| <i>Anacardium occidentale</i> Cashew  | 5           | 78536.8            |
| <i>Anamirta cocculus</i> Levant Berry   | 1           | 100000.0           |
| <i>Ananas comosus</i> Pineapple   | 5           | 9312.0             |
| <i>Anemarrhena asphodeloides</i> Chih-Mu; Zhi-Mu  | 3           | 2534.0             |
| <i>Anethum graveolens</i> Dill; Garden Dill   | 4           | 20184.0            |
| <i>Angelica sinensis</i> Dang Quai; Dang Qui; Chinese Angelica; Dong Gui; Dang Gui; Dong Quai | 5           | 5373.6             |
| <i>Angelica laxiflora</i> Tu Huo  | 3           | 4096.0             |
| <i>Angelica dahurica</i> Bai Zhi  | 3           | 285.34000000000003 |
| <i>Annona squamosa</i> Sweetsop; Sugar-Apple  | 3           | 2148.0             |
| <i>Annona reticulata</i> Custard Apple  | 2           | 1336.0             |
| <i>Annona muricata</i> Soursop  | 4           | 4967.4             |
| <i>Annona glabra</i> Pondapple  | 1           |                    |
| <i>Annona diversifolia</i> Llama  | 1           |                    |
| <i>Annona cherimola</i> Cherimoya   | 4           | 4430.0             |
| <i>Anthriscus cerefolium</i> Chervil  | 3           | 2862.0             |
| <i>Apium graveolens</i> Celery  | 5           | 55730.0            |
| <i>Arachis hypogaea</i> Groundnut; Peanut   | 5           | 152824.0           |
| <i>Aralia cordata</i> Udo   | 1           | 340.0              |
| <i>Arctium lappa</i> Great Burdock; Burdock; Gobo   | 5           | 26575.2            |
| <i>Arctostaphylos uva-ursi</i> Uva Ursi; Bearberry  | 4           | 2625.5             |
| <i>Areca catechu</i> Pin-Lang; Betel Nut  | 4           | 1179.6             |
| <i>Arisaema consanguineum</i> Chinese Jack-In-The-Pulpit                                      | 3           | 236.0              |
| <i>Aristolochia debilis</i> Chinese Birthwort   | 3           | 3906.0             |
| <i>Armoracia rusticana</i> Horseradish  | 4           | 10904.1            |
| <i>Arracacia xanthorrhiza</i> Arracacha; Peruvian Carrot                                      | 1           | 250.0              |
| <i>Artemisia vulgaris</i> Mugwort   | 4           | 6390.0             |
| <i>Artemisia herba-alba</i> Desert Wormwood   | 2           | 4162.0             |
| <i>Artemisia dracunculus</i> Tarragon   | 5           | 7280.0             |
| <i>Artemisia cina</i> Levant Wormseed   | 1           |                    |
| <i>Artemisia capillaris</i> Capillary Wormwood  | 3           | 2118.0             |
| <i>Artocarpus heterophyllus</i> Jackfruit   | 4           | 2836.0             |
| <i>Artocarpus altilis</i> Breadfruit  | 5           | 2033.0             |
| <i>Asiasarum sieboldii</i> Siebold's Wild Ginger  | 3           | 5814.0             |
| <i>Asiasarum heterotropoides</i> Asian Wild Ginger  | 3           | 5814.0             |
| <i>Asimina triloba</i> Pawpaw   | 4           | 25218.0            |
| <i>Aspalathus linearis</i> Kaffree Tea; Rooibos; Red Bush Tea                                 | 2           |                    |
| <i>Asparagus officinalis</i> Asparagus  | 5           | 144470.0           |
| <i>Asparagus lucidus</i> Lucid Asparagus  | 3           | 896.0              |
| <i>Astragalus membranaceus</i> Huang Qi; Huang-Chi  | 5           | 6881.0             |
| <i>Atractylodes ovata</i> Bai-Zhu; Pai-Chu  | 3           | 2262.0             |
| <i>Atractylodes lancea</i> Cang Zhu   | 3           | 1724.0             |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Avena sativa</i> Oats  | 6           | 133449.46 |
| <i>Averrhoa carambola</i> Star Fruit; Carambola   | 5           |           |
| <i>Averrhoa bilimbi</i> Bilimbi; Limon chino  | 1           |           |
| <i>Azadirachta indica</i> Neem  | 1           | 22200.0   |
| <i>Bacopa monnieri</i> Brahmi; Water Hyssop   | 1           |           |
| <i>Bactris gasipaes</i> Peach palm; Pejibaye  | 1           |           |
| <i>Barosma betulina</i> Buchu   | 4           | 5938.0    |
| <i>Basella alba</i> Vinespinach   | 2           | 82170.0   |
| <i>Belamcanda chinensis</i> Mariposa (Sp.); Leopard Lily; Shenan; Blackberry Lily; Iris Tigre (Fr.); Leopardenblume (Ger.);<br><i>Maravilla</i> (Sp.)                             | 3           | 2000.0    |
| <i>Benincasa hispida</i> Waxgourd   | 2           | 9944.0    |
| <i>Berberis vulgaris</i> Barberry   | 4           | 3088.0    |
| <i>Bertholletia excelsa</i> Paranut; Creamnut; Brazilnut-Tree; Brazilnut  | 5           | 72096.0   |
| <i>Beta vulgaris</i> Beet; Garden Beet; Sugar Beet; Beetroot  | 5           | 70908.0   |
| <i>Bixa orellana</i> Bija; Lipstick Pod; Arnato; Achiote; Annato; Lipsticktree; Annatto; Annoto   | 1           | 38.0      |
| <i>Blechnum orientale</i> Shield Fern; Kuan Chung   | 3           | 5250.0    |
| <i>Bletilla striata</i> Chinese Ground Orchid; Hardy Orchid; Dai Chi (Chin.); Shiran (Jap.); Hyacinth Orchid; Hyacinth Bletilla;<br><i>Bletilla</i>                               | 3           | 3832.0    |
| <i>Blighia sapida</i> Akee; Seso Vegetal  | 1           | 344.0     |
| <i>Boehmeria nivea</i> Ramie  | 3           | 608.0     |
| <i>Borago officinalis</i> Borage; Beeplant; Beebread; Talewort  | 3           | 15130.0   |
| <i>Brassica rapa</i> Turnip; Seven-Top Turnip; Rapini   | 5           | 36208.0   |
| <i>Brassica pekinensis</i> Chinese Cabbage  | 3           | 6481.0    |
| <i>Brassica oleracea</i> var. <i>viridis</i> I. Collards; Cow Cabbage; Tall Kale; Spring-Heading Cabbage; Tree Kale   | 5           | 49070.0   |
| <i>Brassica oleracea</i> var. <i>sabellica</i> I. Kitchen Kale; Kale; Curly Kale; Scotch Kale   | 5           | 52796.0   |
| <i>Brassica oleracea</i> var. <i>italica</i> Calabrese; Heading Broccoli; Broccoli; Purple Cauliflower; Sprouting Broccoli; Cape Broccoli;<br>Winter Broccoli; Asparagus Broccoli | 5           |           |
| <i>Brassica oleracea</i> var. <i>gemmifera</i> Brussels-Sprouts; Brussel-Sprout   | 4           | 3774.0    |
| <i>Brassica oleracea</i> var. <i>capitata</i> I. White Cabbage; Cabbage; Red Cabbage  | 5           | 76901.0   |
| <i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower  | 5           | 160530.0  |
| <i>Brassica oleracea</i> Kohlrabi   | 2           | 4308.0    |
| <i>Brassica nigra</i> Black Mustard   | 4           | 5223.74   |
| <i>Brassica napus</i> var. <i>napobrassica</i> Swede; Rutabaga; Swedish Turnip  | 5           | 32916.0   |
| <i>Brassica juncea</i> Mustard Greens   | 2           | 7804.0    |
| <i>Brassica chinensis</i> Chinese Mustard; Celery Mustard; Pak-Choi; Chinese White Cabbage; Chinese Cabbage; Celery<br>Cabbage; Bok-Choy  | 3           | 165766.0  |
| <i>Bromelia pinguin</i> Wild Pineapple  | 1           | 114.0     |
| <i>Brosimum alicastrum</i> Breadnut; Tamamuri   | 1           |           |
| <i>Broussonetia papyrifera</i> Paper Mulberry   | 3           | 8268.0    |
| <i>Bupleurum chinense</i> Chai-Hu   | 4           | 8509.0    |
| <i>Byrsonima crassifolia</i> Nance  | 1           |           |
| <i>Cajanus cajan</i> Pigeonpea  | 4           | 112954.0  |
| <i>Calathea macrosepala</i> Chufle  | 1           |           |
| <i>Calathea allouia</i> Leren; Lleren   | 1           |           |

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|---|-------------|-------------------|
| <i>Camellia sinensis</i> Tea  | 4           | 7012.0            |
| <i>Canavalia ensiformis</i> Jack Bean   | 4           | 4698.0            |
| <i>Canna indica</i> Achira; Queensland Arrowroot  | 1           | 26.0              |
| <i>Cannabis sativa</i> Marijuana; Indian Hemp; Hemp; Marihuana                                      | 2           | 48.0              |
| <i>Capsella bursa-pastoris</i> Shepherd's Purse   | 2           | 68.0              |
| <i>Capsicum frutescens</i> Red Chili; Hot Pepper; Chili; Cayenne; Tabasco; Spur Pepper              | 6           | 47894.0           |
| <i>Capsicum annuum</i> Green Pepper; Bell Pepper; Paprika; Cherry Pepper; Cone Pepper; Sweet Pepper | 6           | 36611.1           |
| <i>Carica pentagona</i> Babaco; Mountain papaya   | 1           |                   |
| <i>Carica papaya</i> Papaya   | 5           | 2124.1            |
| <i>Carthamus tinctorius</i> Safflower   | 4           | 4186.7            |
| <i>Carum carvi</i> Comino (Sp.); Carum; Comino de prado (Sp.); Caraway; Kummel (Ger.)               | 5           | 6028.0            |
| <i>Carya ovata</i> Shagbark Hickory   | 3           | 51292.0           |
| <i>Carya illinoensis</i> Pecan  | 4           | 2150.6            |
| <i>Carya glabra</i> Pignut Hickory  | 3           | 57200.0           |
| <i>Casimiroa edulis</i> Matasano; White sapote  | 1           |                   |
| <i>Cassia tora</i> Sickle Senna   | 3           | 6470.0            |
| <i>Castanea sativa</i> European Chestnut  | 4           | 12710.0           |
| <i>Castanea mollissima</i> Chinese Chestnut   | 4           | 22368.0           |
| <i>Castanea dentata</i> American Chestnut   | 4           | 25034.0           |
| <i>Catalpa ovata</i> Kisasage; Hsin-Pa-Pi   | 3           | 3990.0            |
| <i>Catha edulis</i> Khat  | 2           | 296.0             |
| <i>Caulophyllum thalictroides</i> Blue Cohosh   | 4           | 2885.7            |
| <i>Celosia cristata</i> Cockscomb   | 3           | 12456.0           |
| <i>Centella asiatica</i> Pennywort; Gotu Kola   | 5           | 6966.099999999999 |
| <i>Ceratonia siliqua</i> Locust Bean; Carob; St.John's-Bread  | 1           | 263200.0          |
| <i>Chaenomeles lagenaria</i> Mu-Kua; Chinese Quince   | 3           | 2052.0            |
| <i>Chamaemelum nobile</i> Perennial Camomile; Garden Camomile; Roman Camomile                       | 4           | 5944.0            |
| <i>Chamissoa altissima</i> Guanique   | 2           |                   |
| <i>Chenopodium ambrosioides</i> Epazote; Wormseed   | 1           | 80.0              |
| <i>Chenopodium album</i> Lambsquarter   | 5           | 72528.0           |
| <i>Chondrus crispus</i> Irish Moss  | 5           | 39530.0           |
| <i>Chrysanthemum parthenium</i> Feverfew  | 4           | 4962.0            |
| <i>Chrysanthemum coronarium</i> Garland Chrysanthemum   | 2           | 4984.0            |
| <i>Chrysophyllum cainito</i> Star Apple; Caimito  | 1           |                   |
| <i>Cicer arietinum</i> Chickpea; Garbanzo   | 5           | 79184.0           |
| <i>Cichorium intybus</i> Succory; Witloof; Chicory  | 3           | 7748.0            |
| <i>Cichorium endivia</i> Endive; Escarole   | 5           | 58826.0           |
| <i>Cimicifuga racemosa</i> Black Cohosh; Black Snakeroot  | 4           | 3558.4            |
| <i>Cimicifuga dahurica</i> Sheng Ma   | 3           | 3084.0            |
| <i>Cinnamomum verum</i> Cinnamon; Ceylon Cinnamon   | 3           | 607.2             |
| <i>Cinnamomum sieboldii</i> Japanese Cinnamon   | 2           | 1280.0            |
| <i>Cinnamomum burmannii</i> Java Cinnamon; Padang Cassia  | 2           | 360.0             |

| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Cinnamomum aromaticum</i> Zimtcassie (Ger.); Canelle de Cochinchine (Fr.); Canelero chino (Sp.); Chinesischer Zimtbaum (Ger.); Chinese Cassia; Canela de la China (Sp.); China Junk Cassia; Cannelier Casse (Fr.); Cassia Bark; Chinazimt (Ger.); Kashia-Keihi (Jap.); Cassia Ligneae; Cassia; Saigon Cinnamon; Cannelier de Chine (Fr.); Chinese Cinnamon | 3           | 4580.0             |
| <i>Cistanche salsa</i> Jou Tsung Jung; Broomrape; <i>Cistanchis Herba</i>   | 3           | 1686.0             |
| <i>Citrullus lanatus</i> Watermelon   | 5           | 123918.0           |
| <i>Citrus sinensis</i> Orange   | 5           | 16448.0            |
| <i>Citrus reticulata</i> Mandarin; Tangerine  | 5           | 13243.2            |
| <i>Citrus paradisi</i> Grapefruit   | 5           | 10391.7            |
| <i>Citrus medica</i> Citron   | 3           | 1946.0             |
| <i>Citrus limon</i> Lemon   | 2           | 38.0               |
| <i>Citrus aurantium</i> Bitter Orange; Petitgrain   | 4           | 3556.0             |
| <i>Citrus aurantiifolia</i> Lime  | 2           | 76.0               |
| <i>Cnicus benedictus</i> Blessed Thistle  | 4           | 3569.2999999999997 |
| <i>Cnidium officinale</i> Jih-Chiung  | 3           | 1792.0             |
| <i>Cnidioscolus chayamansa</i> Chaya  | 2           | 117970.0           |
| <i>Coccinia grandis</i> Tindori; Tindora; Kundree; Little Gourd; Ivy Gourd; Pepasan; Kanduri  | 1           |                    |
| <i>Cocos nucifera</i> Coconut; Coconut Palm; Copra; Kokospalme (Ger.); Cocotero (Sp.); Nariyal  | 5           | 1904.0             |
| <i>Coffea arabica</i> Coffee  | 2           | 140.0              |
| <i>Coix lacryma-jobi</i> Adlay Millet; Job'S-Tears; Adlay; Yi-Yi-Ren  | 4           | 3168.0             |
| <i>Colocasia esculenta</i> Taro   | 5           | 21370.4            |
| <i>Commiphora wightii</i> Guggul; Indian Bdellium-Tree  | 1           |                    |
| <i>Coptis</i> spp Generic Goldthread  | 3           | 6836.0             |
| <i>Coptis japonica</i> Japanese Goldthread; Huang-Lia; Huang-Lian; Huang-Lien   | 3           | 6836.0             |
| <i>Coptis chinensis</i> Chinese Goldthread; Huang-Lien; Huang-Lian  | 3           | 6836.0             |
| <i>Corchorus olitorius</i> Nalta Jute; Mulukiya; Jew's Mallow   | 3           | 90864.0            |
| <i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro  | 5           | 23596.0            |
| <i>Cornus officinalis</i> Chinese Dogwood   | 3           | 1706.0             |
| <i>Corylus avellana</i> Cobnut; European Hazel; English Filbert; Hazel; European Filbert  | 4           | 6698.0             |
| <i>Crataegus rhipidophylla</i> Hawthorn   | 4           |                    |
| <i>Crataegus laevigata</i> English Hawthorn; Woodland Hawthorn; Hawthorn; Whitethorn  | 4           | 1895.4             |
| <i>Crataegus cuneata</i> Hawthorn   | 3           | 1572.0             |
| <i>Crescentia alata</i> Jicaro  | 1           | 18.0               |
| <i>Crocus sativus</i> Saffron   | 2           | 568.0              |
| <i>Cryptotaenia japonica</i> Mitsuba; Ya Er Qin; Japanese Cryptotaenia; Japanese Honewort; Stone Parsley  | 1           |                    |
| <i>Cucumis sativus</i> Cucumber   | 5           | 92636.0            |
| <i>Cucumis melo</i> Cantaloupe; Muskmelon; Netted Melon; Nutmeg Melon; Melon; Persian Melon   | 4           | 6813.4             |
| <i>Cucurbita</i> spp Summer Squash  | 5           | 47456.0            |
| <i>Cucurbita pepo</i> Pumpkin   | 5           | 246012.0           |
| <i>Cucurbita maxima</i> Pumpkin   | 2           | 5612.0             |
| <i>Cucurbita foetidissima</i> Buffalo Gourd   | 1           |                    |
| <i>Cuminum cyminum</i> Cumin  | 3           | 280.0              |
| <i>Curcuma longa</i> Turmeric; Indian Saffron   | 4           | 324.0              |
| <i>Cyclanthera pedata</i> Achocha   | 1           | 150.0              |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Cydonia oblonga</i> Quince   | 1           | 44.0      |
| <i>Cymbopogon citratus</i> West Indian Lemongrass; Lemongrass   | 3           | 6828.0    |
| <i>Cynanchum atratum</i> Pai-Wei; Bai-Wei   | 3           | 5164.0    |
| <i>Cynara cardunculus</i> Artichoke   | 4           | 8820.0    |
| <i>Cyperus rotundus</i> Nutsedge  | 3           | 3122.0    |
| <i>Cyphomandra betacea</i> Tamarillo; Tree Tomato   | 1           | 170.0     |
| <i>Cypripedium pubescens</i> Ladyslipper  | 3           | 2732.0    |
| <i>Cyrtosperma chamissonis</i> Swamp Taro   | 4           | 2598.0    |
| <i>Daucus carota</i> Carrot   | 5           | 37332.0   |
| <i>Dendrobium nobile</i> Noble Dendrobium   | 3           | 1198.0    |
| <i>Dioscorea villosa</i> Wild Yam   | 4           |           |
| <i>Dioscorea</i> sp. Wild Yam   | 4           | 3500.0    |
| <i>Dioscorea pentaphylla</i> Mountain Yam   | 3           | 18772.0   |
| <i>Dioscorea bulbifera</i> Air Potato; Potato Yam   | 3           | 772.0     |
| <i>Dioscorea alata</i> Greater Yam; Winged Yam  | 4           | 1722.0    |
| <i>Diospyros virginiana</i> American Persimmon  | 3           | 26334.0   |
| <i>Diospyros digyna</i> Black Sapote; Sapote Negro  | 1           |           |
| <i>Drynaria fortunei</i> Fortune's Fern   | 3           | 8392.0    |
| <i>Dryopteris marginalis</i> Marginal Wood Fern; Marginal Fern  | 1           |           |
| <i>Durio zibethinus</i> Durian  | 1           |           |
| <i>Echinacea</i> spp Coneflower; Echinacea  | 4           | 4063.1    |
| <i>Echinacea purpurea</i> Eastern Purple-Coneflower; Echinacea; Purple-Coneflower   | 4           |           |
| <i>Elaeagnus umbellatus</i> Russian Olive   | 4           |           |
| <i>Elaeagnus commutata</i> Silver Berry   | 1           |           |
| <i>Elaeagnus angustifolia</i> Silver Berry; Russian Olive   | 1           |           |
| <i>Elaeis guineensis</i> African Oil Palm   | 1           |           |
| <i>Eleocharis dulcis</i> Water chestnut   | 1           |           |
| <i>Elettaria cardamomum</i> Cardamom  | 3           | 640.0     |
| <i>Eleutherococcus senticosus</i> Spiny Ginseng; Siberian Ginseng; Ci wu jia (Pinyin); Eleuthero Ginseng; Wu jia  | 4           |           |
| <i>Elytrigia repens</i> Couchgrass; Wheatgrass; Twitchgrass; Doggrass; Quackgrass   | 3           | 15516.0   |
| <i>Ephedra</i> spp Ma-Huang   | 3           | 9650.0    |
| <i>Ephedra sinica</i> Ma Huang; Chinese Ephedra   | 5           | 49482.5   |
| <i>Ephedra nevadensis</i> Mormon Tea; Brigham Tea   | 1           |           |
| <i>Ephedra gerardiana</i> Pakistani Ephedra   | 1           | 14000.0   |
| <i>Equisetum hyemale</i> Scouring Rush; Horsetail   | 3           | 2064.0    |
| <i>Equisetum arvense</i> Field Horsetail; Horsetail   | 4           | 9746.9    |
| <i>Eriobotrya japonica</i> Loquat   | 4           | 5514.0    |
| <i>Eriocaulon</i> sp Oriental Pipewort  | 3           | 1574.0    |
| <i>Eriodictyon californicum</i> Hierba Santa; Mountain Balm; California Yerba Santa; Consumptive's Weed; Gum Bush; Yerba Santa; Bear's Weed; Tarweed; Holy Herb | 4           |           |
| <i>Eryngium floridanum</i> Florida Eryngium   | 1           | 140.0     |
| <i>Erythrina fusca</i> Coral Bean; Gallito  | 1           | 130.0     |
| <i>Erythrina berteroana</i> Pito  | 1           | 150.0     |

| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Erythroxylum novogranatense</i> Coca   | 3           | 27492.0            |
| <i>Erythroxylum coca</i> Coca   | 4           | 11722.0            |
| <i>Eucommia ulmoides</i> Tu Chung; Du Zhong; Gutta-Percha Tree  | 3           | 4458.0             |
| <i>Eugenia uniflora</i> Surinam Cherry; Pitanga   | 1           |                    |
| <i>Eugenia floribunda</i> Camu-camu negro; Black rumberry; Camu-camu arbol  | 1           |                    |
| <i>Eugenia brasiliensis</i> Grumichama; Brazil Cherry   | 1           |                    |
| <i>Euodia rutaecarpa</i> Wou Chou Yu  | 3           | 10062.0            |
| <i>Eupatorium perfoliatum</i> Boneset   | 4           |                    |
| <i>Eupatorium odoratum</i> Jack na bush   | 2           |                    |
| <i>Euphrasia officinalis</i> Eyebright  | 4           | 9171.1             |
| <i>Fagopyrum esculentum</i> Buckwheat   | 2           | 46688.0            |
| <i>Fallopia japonica</i> Japanese Knotweed; Hu-Zhang; Giant Knotweed; Mexican Bamboo  | 2           | 758.0              |
| <i>Feijoa sellowiana</i> Guava Brazileria; Brazillian Guava   | 1           |                    |
| <i>Ficus carica</i> Feigenbaum (Ger.); Figueira (Port.); Fig; Fiquier Commun (Fr.); Higo (Sp.); Echte Feige (Ger.); Fico (Ital.);<br><i>Higuera</i> Comun (Sp.) | 5           | 8730.0             |
| <i>Firmiana simplex</i> Chinese Parasol   | 3           | 9056.0             |
| <i>Foeniculum vulgare</i> Fennel  | 5           | 76648.0            |
| <i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao   | 3           | 2594.0             |
| <i>Fragaria</i> spp Strawberry  | 5           | 24780.0            |
| <i>Frangula purshiana</i> Cascara Buckthorn; Cascara Sagrada  | 4           | 3253.4             |
| <i>Fraxinus rhynchophylla</i> Chinese Ash   | 3           | 4352.0             |
| <i>Fritillaria thunbergii</i> Fritillary; Bei-Mu  | 3           | 788.0              |
| <i>Fucus vesiculosus</i> Kelp; Bladderwrack   | 4           | 17524.199999999997 |
| <i>Garcinia mangostana</i> Mangosteen; Mangostin  | 1           |                    |
| <i>Gardenia jasminoides</i> Shan-Zhi-Zi; Shan-Chih-Tzu; Jasmin; Cape Jasmine; Zhi Zi; Gardenia  | 3           | 4412.0             |
| <i>Gastrodia elata</i> Tian Ma  | 3           | 1256.0             |
| <i>Genipa americana</i> Genipap; Jagua  | 4           | 8904.0             |
| <i>Gentiana scabra</i> Japanese Gentian   | 3           | 2532.0             |
| <i>Gentiana lutea</i> Yellow Gentian; Gentian   | 4           | 5659.2             |
| <i>Geranium thunbergii</i> Gennoshiouko; Oriental Geranium  | 3           | 3474.0             |
| <i>Ginkgo biloba</i> Maidenhair Tree; Ginkgo  | 5           | 42980.0            |
| <i>Glechoma hederacea</i> Alehoof   | 3           | 306.0              |
| <i>Glehnia littoralis</i> Bei Sha Shen  | 3           | 3492.0             |
| <i>Gliricidia sepium</i> Mata Raton   | 1           | 216.0              |
| <i>Glycine max</i> Soybean  | 6           | 161464.8           |
| <i>Glycyrrhiza uralensis</i> Kan-Tsao; Gan-Cao; Chinese Licorice  | 3           | 10218.0            |
| <i>Glycyrrhiza glabra</i> Licorice-Root; Commom Licorice; Smooth Licorice; Licorice   | 4           | 19495.0            |
| <i>Gossypium</i> sp Cotton  | 2           | 33.8               |
| <i>Gymnema sylvestre</i> Gymnema; Miracle Fruit   | 4           |                    |
| <i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant   | 5           | 10984.5            |
| <i>Helianthus tuberosus</i> Jerusalem Artichoke   | 5           | 57298.0            |
| <i>Helianthus annuus</i> Sunflower; Girasol   | 4           | 10598.0            |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Hibiscus sabdariffa</i> Acedera de Guinea (Sp.); Rosa de Jamaica (Sp.); Indian Sorrel; Jamaica Sorrel; Kharkadi; Rosella (Ger.); Roselle; Sereni (Sp.); Malventee (Ger.); Sorrel; Red Sorrel | 4           | 3153.1    |
| <i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower   | 1           |           |
| <i>Hordeum vulgare</i> Barley; Barleygrass  | 6           | 89246.0   |
| <i>Houttuynia cordata</i> Fishwort; Yu Xing Cao; Dokudami   | 3           | 7212.0    |
| <i>Humulus lupulus</i> Hops   | 5           | 5719.1    |
| <i>Huperzia</i> spp Cutleaf Clubmoss  | 1           |           |
| <i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea  | 4           | 3445.7    |
| <i>Hydrastis canadensis</i> Goldenseal  | 4           | 6115.1    |
| <i>Hylocereus undatus</i> Nopalito De Noche; Queen-of-the-Night; Night-Blooming Cereus; Belle-of-the-Night; Strawberry Pear   | 1           |           |
| <i>Hylocereus guatemalensis</i> Guatemala Cereus; Nopalito De Guatemala   | 1           |           |
| <i>Hyoscyamus niger</i> Henbane   | 3           | 10928.0   |
| <i>Ilex paraguariensis</i> Mate; South American Holly; Paraguay Tea   | 1           |           |
| <i>Inga edulis</i> Guaba; Icecream Bean   | 1           |           |
| <i>Inula helenium</i> Elecampane  | 4           |           |
| <i>Ipomoea batatas</i> Sweet Potato   | 5           | 15620.0   |
| <i>Ipomoea aquatica</i> Water Spinach; Swamp Cabbage  | 4           | 74974.0   |
| <i>Isatis tinctoria</i> Dyer's Woad   | 3           | 9262.0    |
| <i>Juglans regia</i> English Walnut   | 5           | 3317.0    |
| <i>Juglans nigra</i> Black Walnut   | 5           | 5059.0    |
| <i>Juglans cinerea</i> Butternut  | 4           | 131454.0  |
| <i>Juncus effusus</i> Rush  | 3           | 2258.0    |
| <i>Juniperus virginiana</i> Red Cedar   | 3           | 23514.0   |
| <i>Juniperus communis</i> Juniper; Common Juniper   | 4           | 1053.3    |
| <i>Jussiaea repens</i> Jussiaeae Herba; Pond Dragon   | 3           | 8858.0    |
| <i>Justicia pectoralis</i> Angel Of Death; Curia; Bolek Hena  | 1           | 330.0     |
| <i>Lablab purpureus</i> Bonavist Bean; Lablab Bean; Hyacinth Bean   | 5           | 97079.74  |
| <i>Lactuca sativa</i> Lettuce   | 5           | 80628.0   |
| <i>Lagenaria siceraria</i> White-Flowered Gourd; Calabash Gourd   | 3           | 5388.0    |
| <i>Lantana camara</i> Lantana; Wild Sage  | 2           | 3744.0    |
| <i>Larrea tridentata</i> Chaparral; Creosote Bush   | 5           | 30697.2   |
| <i>Laurus nobilis</i> Bay Laurel; Sweet Bay; Laurel; Bay; Bayleaf; Grecian Laurel   | 1           | 164.0     |
| <i>Lens culinaris</i> Lentil  | 6           | 187453.8  |
| <i>Lentinus edodes</i> Shiitake   | 1           |           |
| <i>Lepidium sativum</i> Garden Cress  | 1           | 190.0     |
| <i>Lepidium meyenii</i> Peruvian Ginseng; Maca  | 4           |           |
| <i>Licania platypus</i> Sansapote   | 1           |           |
| <i>Ligustrum lucidum</i> Privet; Glossy Privet; Ligustri Fructus; Chinese Privet; White Waxtree   | 3           | 2140.0    |
| <i>Ligustrum japonicum</i> Japanese Privet; Ligustri Fructus  | 3           | 2140.0    |
| <i>Linum usitatissimum</i> Linseed; Flax  | 5           | 20250.1   |
| <i>Liquidambar styraciflua</i> American Styrax; Sweetgum  | 3           | 33816.0   |
| <i>Lobelia inflata</i> Indian Tobacco; Lobelia  | 4           | 3398.4    |
| <i>Lonicera japonica</i> Japanese Honeysuckle   | 3           | 6162.0    |



| Plant  | # Chemicals | Total PPM          |
|--|-------------|--------------------|
| <i>Lophatherum gracile</i> Dan Zhu Ye  | 3           | 5920.0             |
| <i>Luffa aegyptiaca</i> Luffa; Smooth Loofah; Vegetable Sponge   | 2           | 5760.0             |
| <i>Lupinus mutabilis</i> Andean Lupine; Chocho; Tarhui   | 1           | 114.0              |
| <i>Lupinus albus</i> White Lupine  | 4           | 198524.0           |
| <i>Lycium chinense</i> Daun Koki (Indones.); Chinese Matrimony Vine; Gou Qi (Chin.); Chinesischer Bocksdorn (Ger.);<br><i>Kaukichai</i> (Malays.); Chinese Wolfberry; Wolfberry; Lyciet de Chine (Fr.); Chinese Boxthorn; Spina Santa Cinese (Ital.);<br>Kuko (Jap.) | 4           | 7804.0             |
| <i>Lycium barbarum</i> Barbary Matrimony Vine; Common Matrimony Vine; Matrimony Vine; Ning Xia Gou Qi (Chin.); Duke of<br>Argyll's Eta Tree  | 1           |                    |
| <i>Lycopersicon esculentum</i> Tomato  | 6           | 129344.0           |
| <i>Lycopodium clavatum</i> Clubmoss; Antler Herb   | 3           | 4936.0             |
| <i>Lygodium japonicum</i> Climbing Fern  | 3           | 4968.0             |
| <i>Macadamia</i> spp Macadamia   | 4           | 39120.0            |
| <i>Magnolia officinalis</i> Magnolia-Bark; Chinese Magnolia; Hou Pu  | 3           | 1638.0             |
| <i>Magnolia kobus</i> Xin-Yi; Hsin-I   | 3           | 4374.0             |
| <i>Magnolia fargesii</i> Hsin-I; Xin-Yi  | 3           | 4374.0             |
| <i>Magnolia denudata</i> Xin-Yi; Hsin-I  | 3           | 4374.0             |
| <i>Malpighia glabra</i> Acerola  | 2           | 4284.0             |
| <i>Malus domestica</i> Apple   | 5           | 3586.0             |
| <i>Malva sylvestris</i> High Mallow  | 1           | 120.0              |
| <i>Malva parviflora</i> Cheeseweed   | 1           | 18.0               |
| <i>Mammea americana</i> Mamey  | 1           |                    |
| <i>Mangifera indica</i> Mango  | 5           | 15723.199999999999 |
| <i>Manihot esculenta</i> Tapioca; Cassava; Yuca  | 5           | 34331.0            |
| <i>Manilkara zapota</i> Sapodilla  | 1           |                    |
| <i>Maranta arundinacea</i> Arrowroot; Bermuda Arrowroot  | 1           | 32.0               |
| <i>Matricaria recutita</i> German Camomile; Annual Camomile; Wild Camomile   | 1           |                    |
| <i>Mauritia flexuosa</i> Buruti; Aguaje; Morichi palm  | 1           |                    |
| <i>Medicago sativa</i> Alfalfa; Lucerne  | 5           | 6921.8             |
| <i>Melia azedarach</i> Chinaberry  | 1           |                    |
| <i>Melicoccus bijugatas</i> Honey berry; Pitomba; Genip; Mamoncillo  | 1           |                    |
| <i>Mentha x piperita</i> Peppermint  | 5           | 13515.1            |
| <i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint  | 5           | 89.0               |
| <i>Mentha pulegium</i> European Pennyroyal   | 3           | 11278.0            |
| <i>Mentha arvensis</i> var. <i>piperascens</i> Field Mint; Cornmint; Japanese Mint   | 3           | 5804.0             |
| <i>Mimulus glabratus</i> Huaca-Mullo   | 1           | 184.0              |
| <i>Momordica charantia</i> Bitter Melon; Sorosi  | 4           | 7926.0             |
| <i>Morinda</i> sp Morinda  | 3           | 3470.0             |
| <i>Morinda citrifolia</i> Indian Mulberry; Noni  | 1           | 642.0              |
| <i>Moringa oleifera</i> Ben Nut; Jacinto (Sp.); Horseradish Tree; Moringa; Benzolive Tree; Drumstick Tree; West Indian Ben   | 3           |                    |
| <i>Morus alba</i> Sang-Pai-Pi; White Mulberry  | 5           | 5110.0             |
| <i>Mucuna pruriens</i> Cowage; Velvetbean  | 2           | 80948.0            |
| <i>Muntingia calabura</i> Cereso; Yumansa; Jamaica cherry  | 1           |                    |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Murraya</i> sp None   | 5           | 8975.6    |
| <i>Murraya koenigii</i> Curry Leaf Tree; Curry Leaf; Indian Curry Tree   | 1           |           |
| <i>Musa x paradisiaca</i> Plantain; Banana   | 5           | 10440.3   |
| <i>Myrciaria dubia</i> Araza de Agua (Sp.); Camo Camo (Peru); Camu-camu Negro (Peru); Rumberry (Eng.); Guapuro Blanco (Bol.); Camu-camu (Eng.,Peru,Scn.,Sp.) | 1           |           |
| <i>Myrciaria cauliflora</i> Jaboticaba   | 1           |           |
| <i>Myrica cerifera</i> Southern Bayberry; Bayberry; Wax Myrtle; Candle-Berry   | 5           | 1106.4    |
| <i>Myristica fragrans</i> Muskatnussbaum (Ger.); nogal moscado (Sp.); Nutmeg; nuez moscada (Sp.); Mace   | 3           | 7486.0    |
| <i>Nardostachys jatamansi</i> Spikenard; Indian Nard   | 1           |           |
| <i>Nardostachys chinensis</i> Chinese Spikenard  | 4           | 10506.0   |
| <i>Nasturtium officinale</i> Watercress; Berro   | 5           | 84626.0   |
| <i>Nelumbo nucifera</i> Water Lotus  | 5           | 79752.0   |
| <i>Nepeta cataria</i> Catnip   | 4           | 4551.4    |
| <i>Nigella sativa</i> Black Cumin; Fennel-Flower; Roman Coriander; Nutmeg-Flower; Black Caraway  | 1           | 71800.0   |
| <i>Notopterygium incisum</i> Qiang Huo   | 3           | 6070.0    |
| <i>Nyssa sylvatica</i> Black Tupelo; Black Gum   | 3           | 35474.0   |
| <i>Ocimum basilicum</i> Cuban Basil; Sweet Basil; Basil  | 5           | 40194.0   |
| <i>Oenothera biennis</i> Evening-Primrose  | 4           | 75052.0   |
| <i>Ophiopogon japonicus</i> Mai-Men-Dong; Mai-Men-Tung   | 3           | 906.0     |
| <i>Opuntia ficus-indica</i> Prickly Pear; Nopal; Nopalito; Indian Fig  | 4           | 111513.2  |
| <i>Origanum vulgare</i> Oregano; Pot Marjoram; Common Turkish Oregano; Wild Oregano; European Oregano; Wild Marjoram   | 4           | 6358.0    |
| <i>Origanum majorana</i> Sweet Marjoram; Marjoram  | 4           | 8082.0    |
| <i>Oryza sativa</i> Rice   | 4           | 4550.0    |
| <i>Oxalis tuberosa</i> Quiba; Papa Roja; Oca   | 1           | 50.0      |
| <i>Pachira macrocarpa</i> Large-Fruited Provision Tree   | 1           | 80.0      |
| <i>Pachyrhizus erosus</i> Yambean  | 3           | 18126.0   |
| <i>Paeonia suffruticosa</i> Tree Peony; Moutan; Moutan Peony   | 3           | 2458.0    |
| <i>Paeonia moutan</i> Moutan; Tree Peony   | 3           | 2458.0    |
| <i>Paeonia lactiflora</i> Chih-Shao; White Peony; Bai Shao (Chinese); Peony; Common Garden Peony   | 3           | 2068.0    |
| <i>Panax quinquefolius</i> American Ginseng; Ginseng   | 5           | 13960.0   |
| <i>Panax japonicus</i> Japanese Ginseng  | 3           | 4926.0    |
| <i>Panax ginseng</i> Oriental Ginseng; Korean Ginseng; Ginseng; Chinese Ginseng  | 5           | 2772.9    |
| <i>Panicum maximum</i> Guinea grass  | 1           |           |
| <i>Papaver somniferum</i> Opium Poppy; Poppseed Poppy  | 5           | 129044.0  |
| <i>Papaver bracteatum</i> Great Scarlet Poppy  | 1           | 86400.0   |
| <i>Parthenium integrifolium</i> Prairie-Dock; American Feverfew; Wild Quinine; Feverfew; Missouri Snakeroot  | 4           |           |
| <i>Passiflora quadrangularis</i> Granadilla  | 1           | 1536.0    |
| <i>Passiflora mollissima</i> Granadilla De Guineo; Banana Passionfruit   | 1           |           |
| <i>Passiflora ligularis</i> Sweet Granadilla; Granadilla   | 1           |           |
| <i>Passiflora incarnata</i> Manzana de Mayo; Mayapple; Passionflower   | 4           |           |
| <i>Passiflora foetida</i> Stinking Granadilla; Granadilla Cimarrona  | 1           |           |
| <i>Passiflora edulis</i> Maracuya; Passionfruit  | 1           |           |
| <i>Pastinaca sativa</i> Parsnip  | 4           | 4474.0    |

| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Peperomia pereskiiifolia</i> Perejil   | 1           |                    |
| <i>Peperomia pelucida</i> Yerba de la plata; Pepper elder   | 1           |                    |
| <i>Pereskia aculeata</i> Grosela Americana; Barbados Gooseberry   | 1           |                    |
| <i>Perideridia gairdneri</i> Squaw Root   | 2           | 25638.0            |
| <i>Perilla frutescens</i> Perilla   | 4           | 8318.0             |
| <i>Persea schiedeana</i> Wild Pear; Palta De Monte; Wild Avocado  | 1           |                    |
| <i>Persea americana</i> Avocado   | 6           | 19870.0            |
| <i>Petasites japonicus</i> Butterbur  | 4           | 5482.0             |
| <i>Petroselinum crispum</i> Parsley   | 4           | 9292.0             |
| <i>Peucedanum decursivum</i> Qian Hu  | 2           | 222.0              |
| <i>Phaseolus vulgaris</i> Garden Bean; Navy Bean; French Bean; String Bean; Wax Bean; Field Bean; Dwarf Bean; Snap Bean; Popping Bean; Black Bean; Kidney Bean; Pop Bean; Flageolet Bean; Green Bean; Haricot Bean; Haricot; Haricot Vert | 5           | 271758.0           |
| <i>Phaseolus lunatus</i> Lima Bean; Butter Bean   | 5           | 82251.0            |
| <i>Phaseolus coccineus</i> Scarlet Runner Bean  | 4           | 3668.4             |
| <i>Phaseolus acutifolius</i> Tepary Bean  | 4           |                    |
| <i>Phellodendron amurense</i> Huang Po; Po Mu; Huang Bai; Amur Cork Tree  | 3           | 1392.0             |
| <i>Phoenix dactylifera</i> Date Palm  | 5           | 14358.0            |
| <i>Phyllanthus emblica</i> Emblic; Myrobalan  | 5           | 14550.0            |
| <i>Phyllanthus acidus</i> Otaheite Gooseberry; Indian Gooseberry  | 1           | 116.0              |
| <i>Physalis peruviana</i> Ground Cherry; Cape Gooseberry  | 2           | 3782.0             |
| <i>Physalis ixocarpa</i> Tomatillo  | 3           | 4948.0             |
| <i>Phytelephas aequatorialis</i> EQUATORIAL IVORY PALM  | 2           |                    |
| <i>Phytolacca americana</i> Pokeweed  | 1           | 286.0              |
| <i>Pimenta dioica</i> Pimenta; Jamaica-Pepper; Pimento; Allspice; Clover-Pepper   | 4           | 3143.6             |
| <i>Pimpinella anisum</i> Sweet Cumin; Anise   | 3           | 3920.0             |
| <i>Pinellia ternata</i> Pan-Hsia; Ban-Xia   | 4           | 1548.0             |
| <i>Pinus pinea</i> Pignolia; Italian Stone Pine   | 3           |                    |
| <i>Pinus edulis</i> Pinyon Pine   | 4           |                    |
| <i>Pinus echinata</i> Shortleaf Pine  | 3           | 6896.0             |
| <i>Pinus cembroides</i> Mexican Pinyon  | 1           |                    |
| <i>Piper nigrum</i> Pepper; White Pepper; Black Pepper  | 4           | 4850.441           |
| <i>Piper methysticum</i> Kava-Kava  | 1           |                    |
| <i>Piper betel</i> Betel Pepper   | 1           | 96.0               |
| <i>Piper auritum</i> Hierba Santa; Cordoncillo; Hoja Santa  | 1           | 200.0              |
| <i>Pistacia vera</i> Pistachio  | 5           | 105662.8           |
| <i>Pisum sativum</i> Pea  | 6           | 175420.8           |
| <i>Plantago psyllium</i> Psyllium   | 4           | 1060.6999999999998 |
| <i>Plantago ovata</i> Blond Psyllium; Spogel Seeds; Indian Plantago; Psyllium; Ispaghula  | 1           |                    |
| <i>Plantago major</i> Common Plantain   | 4           |                    |
| <i>Plantago asiatica</i> Asian Plantain   | 3           | 10850.0            |
| <i>Platonia insignis</i> Pacouri; Bakuri  | 1           |                    |
| <i>Platycodon grandiflorum</i> Jie-Geng; Balloon Flower; Chieh-Keng   | 4           | 3322.0             |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Plectranthus amboinicus</i> Mexican Mint; French Thyme; Indian Borage; Cuban Oregano; Soup Mint; Amboini Coleus; Spanish Thyme; Country Borage                        | 1           |           |
| <i>Polygala tenuifolia</i> Chinese Senega  | 3           | 1992.0    |
| <i>Polygonum multiflorum</i> He Shou Wu; Chinese Knotweed; Fo Ti; Chinese Cornbind; Fleeceflower   | 3           | 6570.0    |
| <i>Polymnia edulis</i> Andean Jicama   | 1           | 164.0     |
| <i>Polystichum polyblepharum</i> Chinese Polystichum   | 2           | 244.0     |
| <i>Portulaca oleracea</i> Verdolaga; Purslane  | 5           | 105262.0  |
| <i>Pourouma cecropiaefolia</i> Tree Grape; Uvilla  | 1           |           |
| <i>Pouteria viridis</i> Sapote Verde; Green Sapote   | 1           |           |
| <i>Pouteria campechiana</i> Canistel   | 1           |           |
| <i>Pouteria caimito</i> Caimito; Abiu  | 1           |           |
| <i>Prunella vulgaris</i> Heal-All; Self-Heal   | 3           | 9362.0    |
| <i>Prunus serotina</i> Wild Cherry; Black Cherry   | 2           | 30816.0   |
| <i>Prunus salicifolia</i> Wild Cherry; Capulin   | 1           |           |
| <i>Prunus persica</i> Peach  | 5           | 35420.0   |
| <i>Prunus dulcis</i> Almond  | 5           | 130656.0  |
| <i>Prunus domestica</i> Plum   | 5           | 12181.0   |
| <i>Prunus cerasus</i> Sour Cherry  | 5           | 1390.0    |
| <i>Prunus armeniaca</i> Apricot  | 5           | 27984.0   |
| <i>Psidium guajava</i> Guava   | 5           | 17114.0   |
| <i>Psidium cattleianum</i> Strawberry Guava  | 3           | 9696.0    |
| <i>Psophocarpus tetragonolobus</i> Winged Bean; Goa Bean; Asparagus Pea  | 5           | 164928.0  |
| <i>Psoralea esculenta</i> Indian Turnip; Prairie Turnip; Indian Bread-Root; Breadroot; Prairie Potato; Prairie Apple   | 2           | 27438.0   |
| <i>Pueraria pseudohirsuta</i> Chinese Kudzu  | 3           | 7450.0    |
| <i>Pueraria montana</i> Kudzu; Kudsu   | 1           | 1700.0    |
| <i>Pulsatilla chinensis</i> Chinese Anemone  | 3           | 6666.0    |
| <i>Punica granatum</i> Zakuro (Jap.); Granatapfelbaum (Ger.); Pomegranate; Granatapfelstrauch (Ger.); Mangrano (Sp.); Romanzeiro (Port.); Grenadier (Fr.); Granado (Sp.) | 2           | 340.0     |
| <i>Pyrus communis</i> Pear   | 5           | 5754.3    |
| <i>Quararibea cordata</i> Chupa-Chupa; Sapote  | 1           |           |
| <i>Quercus velutina</i> Black Oak  | 3           | 17794.0   |
| <i>Quercus stellata</i> Post Oak   | 3           | 15224.0   |
| <i>Quercus rubra</i> Northern Red Oak  | 3           | 25077.8   |
| <i>Quercus phellos</i> Willow Oak  | 2           | 6064.0    |
| <i>Quercus alba</i> White Oak  | 4           | 19228.7   |
| <i>Quisqualis indica</i> Rangoon Creeper   | 3           | 2190.0    |
| <i>Raphanus sativus</i> Radish   | 5           | 67492.0   |
| <i>Rehmannia glutinosa</i> Chinese Foxglove  | 4           | 108456.0  |
| <i>Rheum rhabarbarum</i> Rhubarb   | 4           | 4292.0    |
| <i>Rheum palmatum</i> Chinese Rhubarb  | 3           | 5232.0    |
| <i>Rhizophora mangle</i> Red Mangrove  | 4           | 18286.0   |
| <i>Rhodymenia palmata</i> Dulse  | 4           | 12012.0   |
| <i>Rhus glabra</i> Smooth Sumac  | 3           | 10064.0   |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Rhus copallina</i> Dwarf Sumac; Winged Sumac   | 3           | 30978.0   |
| <i>Ribes uva-crispa</i> Gooseberry  | 4           | 1990.0    |
| <i>Ribes rubrum</i> Red Currant; White Currant  | 4           | 1944.0    |
| <i>Ribes nigrum</i> Black Currant   | 5           | 3990.0    |
| <i>Ricinus communis</i> Castorbean  | 2           | 26.0      |
| <i>Rollinia mucosa</i> Lancewood; Biriba  | 1           |           |
| <i>Rosa laevigata</i> Cherokee Rose   | 3           | 5808.0    |
| <i>Rosa canina</i> Dogbrier; Rose; Dog Rose   | 4           | 3660.0    |
| <i>Rosmarinus officinalis</i> Rosemary  | 5           | 5102.0    |
| <i>Rubia cordifolia</i> Madder  | 3           | 4006.0    |
| <i>Rubus idaeus</i> Raspberry; Red Raspberry  | 4           | 7534.0    |
| <i>Rubus chingii</i> Chinese Raspberry  | 3           | 6110.0    |
| <i>Rubus chamaemorus</i> Cloudberry   | 3           | 4080.0    |
| <i>Rumex crispus</i> Yellow Dock; Sour Dock; Curly Dock; Lengua De Vaca   | 4           | 6775.5    |
| <i>Rumex acetosa</i> Garden Sorrel  | 4           | 9460.0    |
| <i>Ruscus aculeatus</i> Butcher's Broom; Box-Holly  | 4           | 4919.4    |
| <i>Salix alba</i> White Willow  | 4           | 11493.7   |
| <i>Salvia officinalis</i> Sage  | 4           | 5882.9    |
| <i>Salvia miltiorrhiza</i> Dan-Shen; Red Sage; Tan-Shen   | 3           | 6530.0    |
| <i>Sambucus nigra</i> Elder; European Elder; European Elderberry; European Alder; Black Elder                         | 4           | 14.0      |
| <i>Sambucus canadensis</i> Sweet Elder; Elderberry; American Elder; American Elderberry                               | 2           | 9554.0    |
| <i>Santalum acuminatum</i> Quandong Nut; Quandong; Sweet Quandong   | 2           |           |
| <i>Sassafras albidum</i> Sassafras  | 3           | 26767.0   |
| <i>Satureja montana</i> Winter Savory; Savory   | 1           | 122.0     |
| <i>Satureja hortensis</i> Summer Savory   | 2           | 212.0     |
| <i>Schisandra chinensis</i> Five-Flavor-Fruit; Wu Wei Zi; Wu Wei Zu; Magnolia Vine; Schizandra; Chinese Magnolia Vine | 4           | 5619.7    |
| <i>Schizonepeta tenuifolia</i> Jing-Jie; Ching-Chieh  | 3           | 6972.0    |
| <i>Sclerocarya caffra</i> Marula  | 1           | 62.0      |
| <i>Scrophularia buergeriana</i> Hsuan-Shen; Yuan-Shen   | 3           | 4182.0    |
| <i>Scutellaria lateriflora</i> Mad-Dog Skullcap; Scullcap   | 4           | 2476.3    |
| <i>Scutellaria baicalensis</i> Huang Qin; Baikal Skullcap; Chinese Skullcap   | 4           | 14534.0   |
| <i>Secale cereale</i> Rye   | 5           |           |
| <i>Sechium edule</i> Chayote  | 4           | 51216.0   |
| <i>Senna occidentalis</i> Coffee Senna  | 3           | 5926.0    |
| <i>Senna obtusifolia</i> Sicklepod  | 3           | 6620.0    |
| <i>Senna alexandrina</i> True Senna; Indian Senna; Alexandran senna   | 4           |           |
| <i>Serenoa repens</i> Scrub-Palmetto; Saw Palmetto  | 4           |           |
| <i>Sesamum indicum</i> Sesamo (Sp.); Beni; Ajonjoli (Sp.); Sesame; Benneseed  | 6           | 112380.0  |
| <i>Sicana odorifera</i> Cassabanana   | 1           |           |
| <i>Sida rhombifolia</i> Broomweed; Teapant  | 2           | 210.0     |
| <i>Siegesbeckia orientalis</i> Saint Paul'Swort; Hsi Chien  | 3           | 5816.0    |
| <i>Silybum marianum</i> Lady's Thistle; Milk Thistle  | 5           | 8258.0    |

| Plant  | # Chemicals | Total PPM          |
|--|-------------|--------------------|
| <i>Simmondsia chinensis</i> Jojoba   | 3           | 2894.0             |
| <i>Sinapis alba</i> White Mustard  | 5           | 113486.0           |
| <i>Sinomenium acutum</i> Ching-Feng-Teng                                     | 3           | 792.0              |
| <i>Smilax</i> spp Sarsaparilla   | 4           | 3431.2999999999997 |
| <i>Smilax officinalis</i> Sarsaparilla                                       | 4           |                    |
| <i>Solanum tuberosum</i> Potato  | 7           | 92280.2            |
| <i>Solanum torvum</i> Susumba; Wild Eggplant                                 | 1           | 356.0              |
| <i>Solanum sessiliflorum</i> Cocona  | 1           |                    |
| <i>Solanum quitoensis</i> Naranjillo   | 1           |                    |
| <i>Solanum nigrum</i> Black Nightshade                                       | 1           | 80.0               |
| <i>Solanum melongena</i> Eggplant; Aubergine                                 | 6           | 53267.2            |
| <i>Sonchus oleraceus</i> Cerraja; Sow Thistle                                | 1           | 236.0              |
| <i>Sophora subprostrata</i> Shan Dou Gen                                     | 3           | 3816.0             |
| <i>Sophora angustifolia</i> Narrowleaf Sophora                               | 3           | 7572.0             |
| <i>Sorbus aucubaria</i> Rowan Berry  | 3           | 2566.0             |
| <i>Spinacia oleracea</i> Spinach   | 5           | 104989.6           |
| <i>Spirulina</i> spp. Spirulina  | 4           |                    |
| <i>Spirulina pratensis</i> Spirulina   | 2           | 5420.0             |
| <i>Spondias tuberosa</i> Imbu; Umbu  | 3           | 184.56             |
| <i>Spondias purpurea</i> Purple Jobo; Purple Plum                            | 1           | 84.0               |
| <i>Spondias pinnata</i> Yellow Mombin; Yellow Plum                           | 1           | 62.0               |
| <i>Spondias mombin</i> Yellow Plum; Yellow Mombin                            | 1           | 234.0              |
| <i>Spondias dulcis</i> Ambarella   | 4           | 3096.2000000000003 |
| <i>Stachys officinalis</i> Purple Betony; Betony; Bishop's-Wort; Wood Betony | 5           |                    |
| <i>Stellaria media</i> Chickweed; Common Chickweed                           | 4           | 10889.5            |
| <i>Stevia rebaudiana</i> Stevia; Ca-A-E; Sweet Leaf of Paraguay              | 4           | 7274.0             |
| <i>Symphoricarpos orbiculatus</i> Buckbush                                   | 3           | 23064.0            |
| <i>Symphytum officinale</i> Comfrey  | 4           | 3673.6             |
| <i>Syzygium malaccense</i> Mammey Pomorrosa; Ohia; Malay Apple               | 1           |                    |
| <i>Syzygium jambos</i> Rose Apple; Pomarrosa                                 | 2           |                    |
| <i>Syzygium cumini</i> Jambolan; Aceituna Dulce; Java Plum                   | 2           |                    |
| <i>Syzygium aromaticum</i> Clove; Clovetree                                  | 3           | 8500.0             |
| <i>Tabebuia heptaphylla</i> Pau D'Arco                                       | 4           | 1668.8             |
| <i>Tamarindus indica</i> Kilytree; Tamarind; Indian Tamarind                 | 3           | 4424.0             |
| <i>Tanacetum parthenium</i> Feverfew   | 4           |                    |
| <i>Taraxacum officinale</i> Dandelion  | 5           | 8602.2             |
| <i>Taraxacum mongolicum</i> Mongoloid Dandelion                              | 3           | 8524.0             |
| <i>Taxus baccata</i> Common Yew  | 1           |                    |
| <i>Tephrosia purpurea</i> Purple Tephrosia; Wild Indigo                      | 1           | 20600.0            |
| <i>Tephrosia candida</i> White Tephrosia                                     | 2           | 128.0              |
| <i>Terminalia catappa</i> Malabar Almond; Tropical Almond; Indian Almond     | 1           | 14.0               |
| <i>Tetragonia tetragonioides</i> New Zealand Spinach                         | 2           | 13170.0            |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Tetrapanax papyrifera</i> Tong-Cao; Tung-Tsao; Rice Paper Tree   | 3           | 4410.0    |
| <i>Theobroma speciosum</i> Macambo  | 1           |           |
| <i>Theobroma cacao</i> Cacao  | 3           | 20470.0   |
| <i>Theobroma bicolor</i> Pataste; Nicaraguan Cacao  | 1           |           |
| <i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme  | 4           | 15061.9   |
| <i>Tilia</i> sp. Basswood; Lime; Linden   | 1           |           |
| <i>Trachyspermum ammi</i> Ajwan   | 2           | 152.2     |
| <i>Tragopogon porrifolius</i> Salsify   | 4           | 2072.0    |
| <i>Tribulus terrestris</i> Puncture-vine  | 1           |           |
| <i>Trichosanthes anguina</i> Snakegourd   | 2           | 19742.0   |
| <i>Trifolium pratense</i> Red Clover; Cowgrass; Purple Clover; Peavine Clover   | 5           | 24422.9   |
| <i>Trigonella foenum-graecum</i> Alholva (Sp.); Greek Hay; Greek Clover; Bockshornklee (Ger.); Fenugreek                          | 6           | 91789.1   |
| <i>Triticum aestivum</i> Wheat  | 7           | 147826.0  |
| <i>Tropaeolum tuberosum</i> Anu; Mashua   | 1           | 100.0     |
| <i>Tropaeolum majus</i> Nasturtium  | 1           | 150.0     |
| <i>Turnera diffusa</i> Damiana  | 4           | 4343.4    |
| <i>Tussilago farfara</i> Coltsfoot  | 3           | 2260.0    |
| <i>Ullucus tuberosus</i> Melloco; Ulluco  | 1           | 78.0      |
| <i>Ulmus rubra</i> Red Elm; Slippery Elm  | 4           | 1580.9    |
| <i>Urtica dioica</i> Stinging Nettle; European Nettle   | 5           | 17583.5   |
| <i>Vaccinium vitis-idaea</i> Cowberry; Lingen; Lingonberry  | 3           | 6728.0    |
| <i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry   | 4           | 10239.7   |
| <i>Vaccinium macrocarpon</i> American Cranberry; Cranberry; Large Cranberry   | 4           | 2983.3    |
| <i>Vaccinium corymbosum</i> Blueberry   | 5           | 11552.0   |
| <i>Valeriana officinalis</i> Garden-Heliotrope; Valerian; Common Valerian   | 5           | 6525.6    |
| <i>Valerianella radicata</i>  | 3           |           |
| <i>Valerianella locusta</i> Corn Salad; Lamb's Lettuce  | 4           | 56390.0   |
| <i>Verbascum thapsus</i> Mullein; Velvetplant; Great Mullein; Flannelplant; Flannelleaf   | 4           | 6786.4    |
| <i>Viburnum opulus</i> Crampbark; Snowballbush; European Cranberry Bush; Guelder Rose   | 3           | 6352.0    |
| <i>Vicia faba</i> Faba Bean; Broadbean; Habas   | 3           | 98630.0   |
| <i>Vigna unguiculata</i> Yardlong Bean; Asparagus Bean; Pea Bean  | 5           | 111514.0  |
| <i>Vigna subterranea</i> Bambarra Groundnut; Groundbean   | 1           | 40.0      |
| <i>Vigna radiata</i> Green Gram; Mungbean   | 6           | 137572.4  |
| <i>Vigna mungo</i> Black Gram   | 2           | 4204.0    |
| <i>Vigna angularis</i> Adzuki Bean  | 5           | 74766.0   |
| <i>Vigna aconitifolia</i> Moth Bean; Mat Bean   | 4           | 10068.0   |
| <i>Viscum album</i> European Mistletoe  | 3           | 6710.0    |
| <i>Vitis vinifera</i> Vid (Sp.); Parra (Sp.); Grape; Grapevine; Weinrebe (Ger.); Wine Grape; Vigne Vinifere (Fr.); European Grape | 5           | 29852.8   |
| <i>Xanthosoma sagittifolium</i> Malanga; Tannia; Yautia   | 4           | 10640.6   |
| <i>Yucca baccata</i> Yucca; Spanish Bayonet; Blue Yucca; Banana Yucca   | 4           | 1042.0    |
| <i>Zea mays</i> Corn  | 6           | 60158.0   |
| <i>Zingiber officinale</i> Ginger   | 5           | 25120.0   |

| Plant                                      | # Chemicals | Total PPM |
|--|-------------|-----------|
| Zizyphus spina-christi Syrian Christ-Thorn | 1           | 82.0      |
| Zizyphus jujuba Da-Zao; Jujube; Ta-Tsao    | 4           | 1408.0    |