

# A Antidementia

\*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 manihot</i> Manioc Hibiscus  | 1           | 216.0              |
| <i>Abelmoschus esculentus</i> Okra  | 6           | 9080.0             |
| <i>Abrus precatorius</i> Love Bean; Minnie-Minnies; Weathervine; Rosary Pea; Coral Beadplant; Precatory Bean; Red Beadvine; Jequerity; Weatherplant; Indian Licorice; Jequirity Bean; Licorice Vine; Prayer Beads; Crab's Eye; Lucky Bean | 1           |                    |
| <i>Acacia senegal</i> Sudan Gum Arabic; Gum Arabic; Senegal Gum; Gum Arabic Tree; Kher  | 1           |                    |
| <i>Acacia nilotica</i> Babul  | 2           |                    |
| <i>Acacia farnesiana</i> Cassie; Opopanax; Popinac; Huisache; Sweet Acacia  | 5           | 7108.0             |
| <i>Acacia decurrens</i> Green Wattle  | 1           |                    |
| <i>Acacia catechu</i> Black Cutch; Catechu  | 1           |                    |
| <i>Acalypha indica</i> Cancer Herb; Copperleaf; Indian Nettle; Indian Acalypha; Three-Seeded-Mercury  | 1           |                    |
| <i>Acanthopanax gracilistylis</i> Wu Chia Pi  | 1           | 38.0               |
| <i>Achillea millefolium</i> Milfoil; Yarrow   | 7           | 6200.0             |
| <i>Achyranthes bidentata</i> Chaff Flower   | 1           | 102.0              |
| <i>Aconitum carmichaelii</i> Aconite; Fu-Tsu  | 1           | 26.0               |
| <i>Acorus calamus</i> Sweetflag; Myrtle Flag; Flagroot; Sweetroot; Sweet Calamus; Calamus   | 3           |                    |
| <i>Actaea racemosa</i> Black Snakeroot; Black Cohosh  | 4           |                    |
| <i>Actaea dahurica</i> Sheng ma; Xing an sheng ma   | 1           |                    |
| <i>Actinidia chinensis</i> Kiwi   | 4           | 12802.0            |
| <i>Adiantum capillus-veneris</i> Maidenhair Fern  | 1           |                    |
| <i>Adonis vernalis</i> Spring Adonis  | 1           |                    |
| <i>Aegle marmelos</i> Bael fruit; Bael de India   | 3           |                    |
| <i>Aesculus hippocastanum</i> Horse Chestnut  | 3           |                    |
| <i>Agathosma betulina</i> Buchu; Mountain Buchu; Honey Buchu  | 6           | 10090.0            |
| <i>Agave americana</i> Maguey; Century Plant  | 1           |                    |
| <i>Agrimonia eupatoria</i> Sticklewort; Agrimony  | 2           | 4.8                |
| <i>Akebia quinata</i> Chocolate Vine  | 1           | 20.0               |
| <i>Albizia lebeck</i> East Indian Walnut; Women's-Tongue Tree; Lebbek; Frywood; Koko; Siris Tree; Lebbek Tree   | 2           |                    |
| <i>Albizia julibrissin</i> Mimosa   | 1           | 16.0               |
| <i>Aleurites moluccana</i> Candlenut Tree; Candlenut; Varnishtree; Candleberry; Indian Walnut; Lumbangtree  | 2           | 1.2                |
| <i>Alisma plantago-aquatica</i> Tse-Hsieh; Water Plantain; Ze-Xie; Mud Plantain   | 4           | 136.0              |
| <i>Alliaria petiolata</i> Garlic Mustard  | 1           |                    |
| <i>Allium schoenoprasum</i> Chives  | 4           | 27780.0            |
| <i>Allium sativum</i> var. <i>sativum</i> Garlic  | 8           | 22160.399999999998 |
| <i>Allium cepa</i> Onion; Shallot   | 8           | 15954.8            |
| <i>Allium ampeloprasum</i> Kurrat; Elephant Garlic  | 7           | 13523.6            |
| <i>Alocasia macrorrhiza</i> Giant Taro  | 4           | 1385.8             |
| <i>Aloe vera</i> Bitter Aloes; Aloe   | 6           | 14189.6            |
| <i>Aloe</i> spp. Aloe   | 3           |                    |
| <i>Aloysia citrodora</i> Lemon Verbena  | 1           |                    |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Alpinia galanga</i> Siamese Ginger; Languas; Greater Galangal   | 4           | 3838.0    |
| <i>Althaea officinalis</i> Marshmallow; White Mallow   | 6           | 3344.0    |
| <i>Amaranthus spinosus</i> Spiny pigweed   | 4           |           |
| <i>Amaranthus</i> sp. Pigweed  | 6           | 20450.0   |
| <i>Ammi visnaga</i> Visnaga  | 1           |           |
| <i>Amomum xanthioides</i> Chin Kousha; Bastard Cardamom; Malabar Cardamom; Tavoy Cardamom                  | 1           | 96.0      |
| <i>Amorphophallus konjac</i> Leopard Palm; Elephant Yam; Umbrella Arum; Konjac; Snake Palm; Devil's Tongue | 4           |           |
| <i>Amorphophallus campanulatus</i> Elephant-Foot Yam   | 4           | 821.6     |
| <i>Amphicarpaea bracteata</i> Hog Peanut   | 1           |           |
| <i>Anacardium occidentale</i> Cashew   | 6           | 46050.2   |
| <i>Ananas comosus</i> Pineapple  | 5           | 8462.0    |
| <i>Anastatica hierochuntica</i> Jericho Rose   | 2           |           |
| <i>Anemarrhena asphodeloides</i> Chih-Mu; Zhi-Mu   | 1           | 54.0      |
| <i>Anethum graveolens</i> Garden Dill; Dill  | 6           | 3746.0    |
| <i>Angelica sinensis</i> Dang Quai; Dang Qui; Dang Gui; Dong Quai; Dong Gui; Chinese Angelica              | 8           | 5548.0    |
| <i>Angelica laxiflora</i> Tu Huo   | 1           | 30.0      |
| <i>Angelica dahurica</i> Bai Zhi   | 1           | 58.0      |
| <i>Angelica archangelica</i> Garden Angelica; Angelica; Wild Parsnip                                       | 1           |           |
| <i>Annona squamosa</i> Sugar-Apple; Sweetsop   | 4           | 4032.0    |
| <i>Annona reticulata</i> Custard Apple   | 4           | 3376.0    |
| <i>Annona muricata</i> Soursop   | 5           | 4421.6    |
| <i>Annona glabra</i> Pondapple   | 3           |           |
| <i>Annona diversifolia</i> Llama   | 3           |           |
| <i>Annona cherimola</i> Cherimoya  | 4           | 1588.0    |
| <i>Anthriscus cerefolium</i> Chervil   | 1           | 20.0      |
| <i>Apium graveolens</i> Celery   | 8           | 12568.0   |
| <i>Arachis hypogaea</i> Peanut; Groundnut  | 9           | 31186.0   |
| <i>Aralia cordata</i> Udo  | 3           | 2496.0    |
| <i>Araucaria bidwillii</i> Monkey puzzle   | 1           |           |
| <i>Arctium lappa</i> Gobo; Burdock; Great Burdock  | 5           | 927.2     |
| <i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi   | 4           | 408.0     |
| <i>Areca catechu</i> Pin-Lang; Betel Nut   | 5           | 49.4      |
| <i>Arisaema consanguineum</i> Chinese Jack-In-The-Pulpit   | 1           | 28.0      |
| <i>Aristolochia debilis</i> Chinese Birthwort  | 1           | 80.0      |
| <i>Armoracia rusticana</i> Horseradish   | 4           | 49761.9   |
| <i>Arnica montana</i> Leopard's-Bane; Mountain Tobacco   | 1           |           |
| <i>Arracacia xanthorrhiza</i> Peruvian Carrot; Arracacha   | 3           | 2394.8    |
| <i>Artemisia vulgaris</i> Mugwort  | 6           | 12014.0   |
| <i>Artemisia herba-alba</i> Desert Wormwood  | 1           | 42.0      |
| <i>Artemisia dracunculus</i> Tarragon  | 5           | 2482.0    |
| <i>Artemisia cina</i> Levant Wormseed  | 3           |           |
| <i>Artemisia capillaris</i> Capillary Wormwood   | 1           | 44.0      |

| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Artemisia absinthium</i> Wormwood  | 2           | 5200.0             |
| <i>Artemisia abrotanum</i> Southernwood   | 2           |                    |
| <i>Artocarpus heterophyllus</i> Jackfruit   | 4           | 938.0              |
| <i>Artocarpus altilis</i> Breadfruit  | 5           | 3314.0             |
| <i>Asiasarum sieboldii</i> Siebold's Wild Ginger  | 1           | 118.0              |
| <i>Asiasarum heterotropoides</i> Asian Wild Ginger  | 1           | 118.0              |
| <i>Asimina triloba</i> Pawpaw   | 3           | 2934.0             |
| <i>Aspalathus linearis</i> Kaffree Tea; Rooibos; Red Bush Tea   | 3           |                    |
| <i>Asparagus officinalis</i> Asparagus  | 8           | 20714.0            |
| <i>Asparagus lucidus</i> Lucid Asparagus  | 1           | 16.0               |
| <i>Astragalus membranaceus</i> Huang Qi; Huang-Chi  | 5           | 21.0               |
| <i>Atractylodes ovata</i> Bai-Zhu; Pai-Chu  | 1           | 64.0               |
| <i>Atractylodes lancea</i> Cang Zhu   | 1           | 66.0               |
| <i>Atropa bella-donna</i> Belladonna  | 1           |                    |
| <i>Avena sativa</i> Oats  | 8           | 13799.900000000001 |
| <i>Averrhoa carambola</i> Star Fruit; Carambola   | 5           |                    |
| <i>Averrhoa bilimbi</i> Bilimbi; Limon chino  | 3           |                    |
| <i>Azadirachta indica</i> Neem  | 1           |                    |
| <i>Bacopa monnieri</i> Brahmi; Water Hyssop   | 1           |                    |
| <i>Bactris gasipaes</i> Peach palm; Pejibaye  | 3           |                    |
| <i>Balanites aegyptiacus</i> Desert Date; heglík (Fr.); hingotia (India); lalo (India); mirobalano de Egipto (Sp.); dattier sauvage (Fr.); zachun (India); Soapberry Tree; Zachunbaum (Ger.); betu (India); dattier du desert (Fr.) | 1           | 780.0              |
| <i>Ballota nigra</i> Black Horehound  | 1           |                    |
| <i>Barosma betulina</i> Buchu   | 4           | 10006.0            |
| <i>Basella alba</i> Vinespinach   | 4           | 37844.0            |
| <i>Belamcanda chinensis</i> Leopard Lily; Maravilla (Sp.); Blackberry Lily; Leopardenblume (Ger.); Shenan; Iris Tigre (Fr.); Mariposa (Sp.)   | 1           | 34.0               |
| <i>Benincasa hispida</i> Waxgourd   | 4           | 14754.0            |
| <i>Berberis vulgaris</i> Barberry   | 6           | 182.0              |
| <i>Bertholletia excelsa</i> Brazilnut-Tree; Creamnut; Paranut; Brazilnut  | 7           | 215554.0           |
| <i>Beta vulgaris</i> Beetroot; Beet; Sugar Beet; Garden Beet  | 6           | 13068.0            |
| <i>Bixa orellana</i> Lipstick Pod; Bija; Arnato; Annatto; Annato; Achiote; Annoto; Lipsticktree   | 4           | 3658.0             |
| <i>Blechnum orientale</i> Shield Fern; Kuan Chung   | 1           | 34.0               |
| <i>Bletilla striata</i> Hyacinth Orchid; Chinese Ground Orchid; Bletilla; Hyacinth Bletilla; Shiran (Jap.); Hardy Orchid; Dai Chi (Chin.)   | 1           | 32.0               |
| <i>Blighia sapida</i> Seso Vegetal; Akee  | 3           | 8896.0             |
| <i>Boehmeria nivea</i> Ramie  | 4           | 11576.6            |
| <i>Borago officinalis</i> Talewort; Borage; Beeplant; Beebread  | 5           | 10286.0            |
| <i>Brassica rapa</i> Seven-Top Turnip; Turnip; Rapini   | 6           | 7922.0             |
| <i>Brassica pekinensis</i> Chinese Cabbage  | 2           | 272.0              |
| <i>Brassica oleracea</i> var. <i>viridis</i> I. Spring-Heading Cabbage; Cow Cabbage; Tall Kale; Collards; Tree Kale   | 5           | 14639.5            |
| <i>Brassica oleracea</i> var. <i>sabellica</i> I. Kitchen Kale; Kale; Scotch Kale; Curly Kale   | 6           | 22392.0            |
| <i>Brassica oleracea</i> var. <i>italica</i> Purple Cauliflower; Calabrese; Sprouting Broccoli; Broccoli; Winter Broccoli; Cape Broccoli; Asparagus Broccoli; Heading Broccoli  | 7           |                    |

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|---|-------------|-------------------|
| <i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts   | 7           | 18052.0           |
| <i>Brassica oleracea</i> var. <i>capitata</i> I. White Cabbage; Red Cabbage; Cabbage  | 8           | 17110.0           |
| <i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower  | 7           | 53796.0           |
| <i>Brassica oleracea</i> Kohlrabi   | 4           | 16099.0           |
| <i>Brassica nigra</i> Black Mustard   | 5           | 16169.06          |
| <i>Brassica napus</i> var. <i>napobrassica</i> Swedish Turnip; Swede; Rutabaga  | 5           | 7560.0            |
| <i>Brassica juncea</i> Mustard Greens   | 1           | 130.0             |
| <i>Brassica chinensis</i> Pak-Choi; Chinese Cabbage; Chinese Mustard; Bok-Choy; Celery Mustard; Chinese White Cabbage; Celery Cabbage | 5           | 26182.0           |
| <i>Bromelia pinguin</i> Wild Pineapple  | 3           | 6981.6            |
| <i>Brosimum alicastrum</i> Breadnut; Tamamuri   | 3           |                   |
| <i>Broussonetia papyrifera</i> Paper Mulberry   | 1           | 46.0              |
| <i>Bupleurum chinense</i> Chai-Hu   | 3           |                   |
| <i>Byrsonima crassifolia</i> Nance  | 3           |                   |
| <i>Caesalpinia pulcherrima</i> Bird Of Paradise   | 1           |                   |
| <i>Cajanus cajan</i> Pigeonpea  | 5           | 10922.8           |
| <i>Calathea macrosepala</i> Chufle  | 3           |                   |
| <i>Calendula officinalis</i> Pot-Marigold; Calendula  | 3           | 6200.0            |
| <i>Camellia sinensis</i> Tea  | 5           | 3000.0            |
| <i>Canavalia ensiformis</i> Jack Bean   | 5           | 3355.2            |
| <i>Canna indica</i> Achira; Queensland Arrowroot  | 3           | 448.0             |
| <i>Cannabis sativa</i> Hemp; Marihuana; Marijuana; Indian Hemp  | 4           | 55.4              |
| <i>Capparis spinosa</i> Caper; Caperbush  | 4           | 5541.440000000005 |
| <i>Capsella bursa-pastoris</i> Shepherd's Purse   | 6           | 31110.4           |
| <i>Capsicum frutescens</i> Spur Pepper; Hot Pepper; Cayenne; Chili; Tabasco; Red Chili  | 7           | 47664.0           |
| <i>Capsicum annuum</i> Cherry Pepper; Sweet Pepper; Bell Pepper; Paprika; Green Pepper; Cone Pepper                                   | 9           | 47260.7           |
| <i>Carica pentagona</i> Babaco; Mountain papaya   | 3           |                   |
| <i>Carica papaya</i> Papaya   | 7           | 24611.2           |
| <i>Carthamus tinctorius</i> Safflower   | 5           | 921.0             |
| <i>Carum carvi</i> Carum; Comino (Sp.); Caraway; Comino de prado (Sp.); Kummel (Ger.)   | 4           | 242.0             |
| <i>Carya ovata</i> Shagbark Hickory   | 2           | 10776.0           |
| <i>Carya illinoensis</i> Pecan  | 4           | 190.4             |
| <i>Carya glabra</i> Pignut Hickory  | 1           | 2200.0            |
| <i>Casimiroa edulis</i> White sapote; Matasano  | 3           |                   |
| <i>Cassia tora</i> Sickle Senna   | 1           | 62.0              |
| <i>Castanea sativa</i> European Chestnut  | 2           | 990.0             |
| <i>Castanea mollissima</i> Chinese Chestnut   | 2           | 1782.0            |
| <i>Castanea dentata</i> American Chestnut   | 2           | 1962.0            |
| <i>Catalpa ovata</i> Kisasage; Hsin-Pa-Pi   | 1           | 42.0              |
| <i>Catha edulis</i> Khat  | 3           | 3517.0            |
| <i>Catharanthus roseus</i> Madagascar Periwinkle; Rosy Periwinkle   | 1           |                   |
| <i>Caulophyllum thalictroides</i> Blue Cohosh   | 4           | 147.1             |
| <i>Celosia cristata</i> Cockscomb   | 1           | 78.0              |

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|---|-------------|-------------------|
| <i>Centaurea calcitrapa</i> Star-Thistle  | 2           |                   |
| <i>Centella asiatica</i> Pennywort; Gotu Kola   | 4           | 1313.4            |
| <i>Cephaelis ipecacuanha</i> Raicilla; Ipecac   | 2           |                   |
| <i>Ceratonia siliqua</i> Carob; Locust Bean; St.John's-Bread  | 1           |                   |
| <i>Chaenomeles lagenaria</i> Chinese Quince; Mu-Kua   | 1           | 42.0              |
| <i>Chamaemelum nobile</i> Garden Camomile; Perennial Camomile; Roman Camomile   | 6           | 535.6             |
| <i>Chamissoa altissima</i> Guanique   | 1           |                   |
| <i>Chelidonium majus</i> Celandine  | 1           |                   |
| <i>Chenopodium ambrosioides</i> Epazote; Wormseed   | 3           | 2128.0            |
| <i>Chenopodium album</i> Lambsquarter   | 5           | 23136.0           |
| <i>Chondrus crispus</i> Irish Moss  | 4           | 518.6             |
| <i>Chrysanthemum x morifolium</i> Florist's Chrysanthemum; Ju Hua (Pinyin); Mum; Chrysanthemum  | 1           |                   |
| <i>Chrysanthemum parthenium</i> Feverfew  | 4           | 668.2             |
| <i>Chrysanthemum coronarium</i> Garland Chrysanthemum   | 3           | 18710.4           |
| <i>Chrysanthemum cinerariifolium</i> Pyrethrum  | 1           |                   |
| <i>Chrysobalanus icaco</i> Cocoa plum; Icaco  | 1           |                   |
| <i>Chrysophyllum cainito</i> Caimito; Star Apple  | 4           |                   |
| <i>Cicer arietinum</i> Chickpea; Garbanzo   | 5           | 10200.0           |
| <i>Cichorium intybus</i> Chicory; Witloof; Succory  | 7           | 12200.0           |
| <i>Cichorium endivia</i> Escarole; Endive   | 5           | 20662.0           |
| <i>Cimicifuga racemosa</i> Black Cohosh; Black Snakeroot  | 4           | 335.0             |
| <i>Cimicifuga dahurica</i> Sheng Ma   | 1           | 36.0              |
| <i>Cinnamomum verum</i> Cinnamon; Ceylon Cinnamon   | 4           | 744.0             |
| <i>Cinnamomum sieboldii</i> Japanese Cinnamon   | 1           | 120.0             |
| <i>Cinnamomum burmannii</i> Padang Cassia; Java Cinnamon  | 1           | 20.0              |
| <i>Cinnamomum aromaticum</i> Chinese Cassia; Cannelle de Cochinchine (Fr.); Cannelier de Chine (Fr.); Canela de la China (Sp.); Cassia Lignea; Saigon Cinnamon; Zimtcassie (Ger.); Chinese Cinnamon; Cassia Bark; Canelero chino (Sp.); Chinesischer Zimtbaum (Ger.); Cannelier Casse (Fr.); Cassia; China Junk Cassia; Chinazimt (Ger.); Kashia-Keihi (Jap.) | 3           | 640.0             |
| <i>Cistanche salsa</i> Cistanchis Herba; Jou Tsung Jung; Broomrape  | 1           | 26.0              |
| <i>Citrullus lanatus</i> Watermelon   | 7           | 1738.0            |
| <i>Citrullus colocynthis</i> Colocynth  | 1           | 244.0             |
| <i>Citrus sinensis</i> Orange   | 8           | 40182.0           |
| <i>Citrus reticulata</i> Tangerine; Mandarin  | 6           | 8500.0            |
| <i>Citrus paradisi</i> Grapefruit   | 6           | 8353.0            |
| <i>Citrus mitis</i> Calamansi; Calamondin   | 1           |                   |
| <i>Citrus medica</i> Citron   | 1           | 28.0              |
| <i>Citrus limon</i> Lemon   | 5           | 11186.0           |
| <i>Citrus aurantium</i> Bitter Orange; Petitgrain   | 4           | 13986.0           |
| <i>Citrus aurantiifolia</i> Lime  | 5           | 9480.0            |
| <i>Cnicus benedictus</i> Blessed Thistle  | 5           | 71.60000000000001 |
| <i>Cnidium officinale</i> Jih-Chiung  | 1           | 32.0              |
| <i>Cnidioscolus chayamansa</i> Chaya  | 3           | 24600.0           |
| <i>Coccinia grandis</i> Kanduri; Tindori; Tindora; Ivy Gourd; Pepasan; Little Gourd; Kundree  | 1           |                   |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Cocos nucifera</i> Copra; Coconut; Cocotero (Sp.); Nariyal; Coconut Palm; Kokospalme (Ger.) | 6           | 276.0     |
| <i>Coffea arabica</i> Coffee   | 4           | 744.0     |
| <i>Coix lacryma-jobi</i> Yi-Yi-Ren; Adlay; Adlay Millet; Job'S-Tears                           | 4           | 142.4     |
| <i>Cola acuminata</i> Abata Cola   | 2           | 2914.0    |
| <i>Colocasia esculenta</i> Taro  | 5           | 16639.2   |
| <i>Convallaria majalis</i> Lily-Of-The-Valley  | 2           |           |
| <i>Coptis</i> spp Generic Goldthread   | 1           | 1200.0    |
| <i>Coptis japonica</i> Japanese Goldthread; Huang-Lian; Huang-Lien; Huang-Lia                  | 1           | 1200.0    |
| <i>Coptis chinensis</i> Huang-Lien; Chinese Goldthread; Huang-Lian                             | 1           | 1200.0    |
| <i>Corchorus olitorius</i> Jew's Mallow; Nalta Jute; Mulukiya                                  | 4           | 16385.6   |
| <i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro                                 | 7           | 13040.0   |
| <i>Cornus officinalis</i> Chinese Dogwood  | 1           | 24.0      |
| <i>Cornus mas</i> Sorbet; Cornelian Cherry   | 1           |           |
| <i>Corylus avellana</i> English Filbert; European Hazel; Cobnut; Hazel; European Filbert       | 5           | 242.0     |
| <i>Crataegus</i> sp.   | 1           |           |
| <i>Crataegus rhipidophylla</i> Hawthorn  | 6           |           |
| <i>Crataegus pentagyna</i> Hawthorn  | 1           |           |
| <i>Crataegus monogyna</i> English Hawthorn; Hawthorn   | 2           |           |
| <i>Crataegus laevigata</i> Hawthorn; English Hawthorn; Woodland Hawthorn; Whitethorn           | 6           | 3770.0    |
| <i>Crataegus cuneata</i> Hawthorn  | 1           | 28.0      |
| <i>Crescentia alata</i> Jicaro   | 2           | 33.2      |
| <i>Crocus sativus</i> Saffron  | 1           | 8.0       |
| <i>Cucumis sativus</i> Cucumber  | 5           | 2581.2    |
| <i>Cucumis melo</i> Netted Melon; Cantaloupe; Melon; Muskmelon; Nutmeg Melon; Persian Melon    | 6           | 8974.8    |
| <i>Cucurbita</i> spp Summer Squash   | 5           | 8432.0    |
| <i>Cucurbita pepo</i> Pumpkin  | 7           | 35510.4   |
| <i>Cucurbita maxima</i> Pumpkin  | 1           | 108.0     |
| <i>Cucurbita foetidissima</i> Buffalo Gourd  | 1           |           |
| <i>Cuminum cyminum</i> Cumin   | 5           | 380.0     |
| <i>Curcuma longa</i> Indian Saffron; Turmeric  | 5           | 770.0     |
| <i>Cyamopsis tetragonoloba</i> Guar; Cluster-Bean; Siam-Bean                                   | 1           |           |
| <i>Cyclanthera pedata</i> Achocha  | 3           | 5766.0    |
| <i>Cydonia oblonga</i> Quince  | 3           | 1967.8    |
| <i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass                                  | 2           |           |
| <i>Cynanchum atratum</i> Bai-Wei; Pai-Wei  | 1           | 62.0      |
| <i>Cynara cardunculus</i> Artichoke  | 5           | 1904.0    |
| <i>Cyperus rotundus</i> Nutsedge   | 2           | 246.0     |
| <i>Cyphomandra betacea</i> Tamarillo; Tree Tomato  | 3           | 4304.0    |
| <i>Cypripedium pubescens</i> Ladyslipper   | 1           | 134.0     |
| <i>Cyrtosperma chamissonis</i> Swamp Taro  | 4           | 1670.4    |
| <i>Datura stramonium</i> Jimsonweed  | 2           |           |
| <i>Datura metel</i> Hindu Datura   | 1           | 4440.0    |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Daucus carota</i> Carrot   | 8           | 5386.0    |
| <i>Dendrobium nobile</i> Noble Dendrobium   | 1           | 52.0      |
| <i>Dictamnus albus</i> Gas Plant; Burning Bush; Dittany; Gazelotu; Akgiritotu   | 2           |           |
| <i>Digitalis purpurea</i> Purple Foxglove   | 1           |           |
| <i>Digitalis lanata</i> Grecian Foxglove  | 1           | 2000.0    |
| <i>Dioscorea villosa</i> Wild Yam   | 3           |           |
| <i>Dioscorea</i> sp. Wild Yam   | 4           | 507.0     |
| <i>Dioscorea pentaphylla</i> Mountain Yam   | 4           | 1542.0    |
| <i>Dioscorea bulbifera</i> Potato Yam; Air Potato   | 1           | 24.0      |
| <i>Dioscorea alata</i> Winged Yam; Greater Yam  | 4           | 270.8     |
| <i>Diospyros virginiana</i> American Persimmon  | 2           | 4084.0    |
| <i>Diospyros digyna</i> Black Sapote; Sapote Negro  | 2           |           |
| <i>Dodonaea viscosa</i> Hopwood   | 1           |           |
| <i>Drynaria fortunei</i> Fortune's Fern   | 1           | 34.0      |
| <i>Duchesnea indica</i> Mock Strawberry; Indian Strawberry; False Strawberry  | 1           |           |
| <i>Durio zibethinus</i> Durian  | 3           |           |
| <i>Echinacea</i> spp Echinacea; Coneflower  | 5           | 6112.3    |
| <i>Echinacea purpurea</i> Purple-Coneflower; Eastern Purple-Coneflower; Echinacea   | 4           |           |
| <i>Elaeagnus umbellatus</i> Russian Olive   | 6           |           |
| <i>Elaeagnus commutata</i> Silver Berry   | 3           |           |
| <i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry   | 2           |           |
| <i>Elaeis guineensis</i> African Oil Palm   | 4           |           |
| <i>Eleocharis dulcis</i> Water chestnut   | 3           |           |
| <i>Elettaria cardamomum</i> Cardamom  | 5           | 84.0      |
| <i>Eleutherococcus senticosus</i> Wu jia; Ci wu jia (Pinyin); Spiny Ginseng; Eleuthero Ginseng; Siberian Ginseng  | 4           |           |
| <i>Elytrigia repens</i> Quackgrass; Twitchgrass; Couchgrass; Doggrass; Wheatgrass   | 1           |           |
| <i>Ephedra</i> spp Ma-Huang   | 1           | 16.0      |
| <i>Ephedra sinica</i> Ma Huang; Chinese Ephedra   | 4           | 1739.1    |
| <i>Equisetum hyemale</i> Horsetail; Scouring Rush   | 1           | 20.0      |
| <i>Equisetum arvense</i> Field Horsetail; Horsetail   | 4           | 9076.0    |
| <i>Eriobotrya japonica</i> Loquat   | 5           | 1789.6    |
| <i>Eriocaulon</i> sp Oriental Pipewort  | 1           | 42.0      |
| <i>Eriodictyon californicum</i> Consumptive's Weed; Gum Bush; Yerba Santa; Bear's Weed; Tarweed; Holy Herb; California Yerba Santa; Mountain Balm; Hierba Santa | 4           |           |
| <i>Eryngium floridanum</i> Florida Eryngium   | 3           | 4068.0    |
| <i>Eryngium creticus</i> Cretan culantro  | 1           |           |
| <i>Erythrina fusca</i> Coral Bean; Gallito  | 3           | 1708.0    |
| <i>Erythrina berteroana</i> Pito  | 3           | 4854.0    |
| <i>Erythroxylum novogranatense</i> Coca   | 2           | 10110.0   |
| <i>Erythroxylum coca</i> Coca   | 5           | 10226.0   |
| <i>Eschscholzia californica</i> California Poppy  | 1           | 55000.0   |
| <i>Eucalyptus macrorrhuncha</i>   | 1           |           |
| <i>Eucalyptus globulus</i> Blue Gum; Eucalypt; Tasmanian Bluegum  | 2           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Eucalyptus citriodora</i> Spotted Gum; Citron-Scented Gum; Lemon-Scented Gum; Lemon Eucalyptus   | 1           |           |
| <i>Eucommia ulmoides</i> Tu Chung; Gutta-Percha Tree; Du Zhong  | 1           | 28.0      |
| <i>Eugenia uniflora</i> Pitanga; Surinam Cherry   | 3           |           |
| <i>Eugenia floribunda</i> Camu-camu arbol; Camu-camu negro; Black rumberry  | 3           |           |
| <i>Eugenia brasiliensis</i> Brazil Cherry; Grumichama   | 3           |           |
| <i>Euodia rutaecarpa</i> Wou Chou Yu  | 1           | 36.0      |
| <i>Eupatorium perfoliatum</i> Boneset   | 4           |           |
| <i>Euphorbia pulcherrima</i> Poinsettia   | 1           |           |
| <i>Euphorbia hirta</i> Queensland Asthma Herb   | 2           | 886.0     |
| <i>Euphrasia officinalis</i> Eyebright  | 7           | 855.1     |
| <i>Fagopyrum esculentum</i> Buckwheat   | 6           | 473220.0  |
| <i>Fallopia japonica</i> Japanese Knotweed; Mexican Bamboo; Giant Knotweed; Hu-Zhang  | 2           | 98.0      |
| <i>Feijoa sellowiana</i> Brazillian Guava; Guava Brazilera  | 1           |           |
| <i>Ficus carica</i> Higo (Sp.); Echte Feige (Ger.); Fig; Fico (Ital.); Higuera Comun (Sp.); Figueira (Port.); Figuier Commun (Fr.); Feigenbaum (Ger.) | 7           | 24334.6   |
| <i>Filipendula ulmaria</i> Queen Of The Meadow; Meadowsweet   | 2           |           |
| <i>Firmiana simplex</i> Chinese Parasol   | 1           | 50.0      |
| <i>Foeniculum vulgare</i> Fennel  | 8           | 12206.0   |
| <i>Forsythia suspensa</i> Lian-Jiao; Lien-Chiao   | 2           | 2034.0    |
| <i>Fragaria</i> spp Strawberry  | 7           | 25700.0   |
| <i>Frangula purshiana</i> Cascara Sagrada; Cascara Buckthorn  | 4           | 58.0      |
| <i>Frangula alnus</i> Buckthorn   | 1           | 400.0     |
| <i>Fraxinus rhynchophylla</i> Chinese Ash   | 1           | 34.0      |
| <i>Fritillaria thunbergii</i> Bei-Mu; Fritillary  | 1           | 24.0      |
| <i>Fucus vesiculosus</i> Bladderwrack; Kelp   | 4           | 616.6     |
| <i>Galega officinalis</i> Goat's Rue; Galega  | 1           |           |
| <i>Ganoderma lucidum</i> Reishi; Ling Zhi   | 1           |           |
| <i>Garcinia mangostana</i> Mangostin; Mangosteen  | 3           |           |
| <i>Gardenia jasminoides</i> Shan-Zhi-Zi; Cape Jasmine; Shan-Chih-Tzu; Gardenia; Zhi Zi; Jasmin  | 1           | 34.0      |
| <i>Gastrodia elata</i> Tian Ma  | 1           | 24.0      |
| <i>Genipa americana</i> Genipap; Jagua  | 4           | 2132.4    |
| <i>Gentiana scabra</i> Japanese Gentian   | 1           | 36.0      |
| <i>Gentiana lutea</i> Yellow Gentian; Gentian   | 4           | 572.7     |
| <i>Geranium thunbergii</i> Oriental Geranium; Gennoshiouko  | 1           | 56.0      |
| <i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree  | 7           | 4907.0    |
| <i>Glechoma hederacea</i> Alehoof   | 3           | 106.0     |
| <i>Glehnia littoralis</i> Bei Sha Shen  | 1           | 52.0      |
| <i>Gliricidia sepium</i> Mata Raton   | 3           | 6540.0    |
| <i>Gloriosa superba</i> Glory Lily  | 1           |           |
| <i>Glycine max</i> Soybean  | 9           | 59294.49  |
| <i>Glycyrrhiza uralensis</i> Kan-Tsao; Gan-Cao; Chinese Licorice  | 2           | 26.0      |
| <i>Glycyrrhiza glabra</i> Licorice; Licorice-Root; Smooth Licorice; Commom Licorice   | 6           | 6831.5    |



| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Gossypium</i> sp Cotton  | 4           | 38.4      |
| <i>Gymnema sylvestris</i> Gymnema; Miracle Fruit  | 4           |           |
| <i>Hamamelis virginiana</i> Witch Hazel   | 1           | 4000.0    |
| <i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant   | 3           | 19.8      |
| <i>Hedera helix</i> Ivy   | 2           |           |
| <i>Helianthus tuberosus</i> Jerusalem Artichoke   | 6           | 4510.0    |
| <i>Helianthus annuus</i> Girasol; Sunflower   | 8           | 108296.0  |
| <i>Hemidesmus indicus</i> Indian Sarsaparilla   | 1           |           |
| <i>Hibiscus sabdariffa</i> Kharkadi; Sorrel; Indian Sorrel; Acedera de Guinea (Sp.); Rosa de Jamaica (Sp.); Malventee (Ger.); Red Sorrel; Rosella (Ger.); Roselle; Sereni (Sp.); Jamaica Sorrel | 6           | 9238.0    |
| <i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower   | 3           |           |
| <i>Hippophae rhamnoides</i> Yellow Spine; Sallow Thorn; Sea Buckthorn   | 1           |           |
| <i>Hordeum vulgare</i> Barleygrass; Barley  | 8           | 16274.0   |
| <i>Houttuynia cordata</i> Dokudami; Yu Xing Cao; Fishwort   | 2           | 112.0     |
| <i>Humulus lupulus</i> Hops   | 8           | 8440.8    |
| <i>Hydrangea paniculata</i> Peegee  | 1           | 82000.0   |
| <i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea  | 4           |           |
| <i>Hydrastis canadensis</i> Goldenseal  | 4           | 1508.8    |
| <i>Hylocereus undatus</i> Nopalito De Noche; Belle-of-the-Night; Queen-of-the-Night; Strawberry Pear; Night-Blooming Cereus   | 3           |           |
| <i>Hylocereus guatemalensis</i> Nopalito De Guatemala; Guatemala Cereus   | 3           |           |
| <i>Hyoscyamus niger</i> Henbane   | 3           | 96.0      |
| <i>Hypericum perforatum</i> Goatweed; St. John's-wort; Hypericum; Klamath Weed; Common St. Johnswort  | 3           | 3390.0    |
| <i>Hyssopus officinalis</i> Hyssop  | 1           |           |
| <i>Ilex paraguariensis</i> Mate; South American Holly; Paraguay Tea   | 2           |           |
| <i>Illicium verum</i> Chinesischer Sternanis (Ger.); Sternanis (Ger.); anis estrellado (Sp.); Star Anise; Chinese Star Anise; anis de China (Sp.)   | 1           |           |
| <i>Inga feuillei</i> Ice Cream Bean; Pacay  | 1           |           |
| <i>Inga edulis</i> Guaba; Icecream Bean   | 3           |           |
| <i>Inula helenium</i> Elecampane  | 3           |           |
| <i>Ipomoea batatas</i> Sweet Potato   | 6           | 12921.8   |
| <i>Ipomoea aquatica</i> Swamp Cabbage; Water Spinach  | 5           | 17402.0   |
| <i>Iris x germanica</i> Orris   | 1           | 19860.0   |
| <i>Isatis tinctoria</i> Dyer's Woad   | 1           | 80.0      |
| <i>Juglans regia</i> English Walnut   | 8           | 56176.0   |
| <i>Juglans nigra</i> Black Walnut   | 5           | 114.0     |
| <i>Juglans cinerea</i> Butternut  | 2           | 7646.0    |
| <i>Juncus effusus</i> Rush  | 1           | 76.0      |
| <i>Juniperus virginiana</i> Red Cedar   | 1           | 634.0     |
| <i>Juniperus communis</i> Juniper; Common Juniper   | 5           | 1226.4    |
| <i>Jussiaea repens</i> Pond Dragon; Jussiaeae Herba   | 1           | 80.0      |
| <i>Justicia pectoralis</i> Angel Of Death; Curia; Bolek Hena  | 3           | 4069.4    |
| <i>Lablab purpureus</i> Bonavist Bean; Lablab Bean; Hyacinth Bean   | 5           | 17148.94  |
| <i>Lactuca virosa</i> Bitter Lettuce  | 1           |           |

| Plant  | # Chemicals | Total PPM         |
|--|-------------|-------------------|
| <i>Lactuca scariola</i> Prickly Lettuce  | 1           |                   |
| <i>Lactuca sativa</i> Lettuce  | 7           | 11376.6           |
| <i>Lagenaria siceraria</i> Calabash Gourd; White-Flowered Gourd  | 6           | 39051.0           |
| <i>Larrea tridentata</i> Creosote Bush; Chaparral  | 4           | 1530.2            |
| <i>Laurus nobilis</i> Bay Laurel; Bayleaf; Laurel; Grecian Laurel; Bay; Sweet Bay  | 1           |                   |
| <i>Lens culinaris</i> Lentil   | 8           | 11862.0           |
| <i>Lentinus edodes</i> Shiitake  | 1           |                   |
| <i>Leonurus cardiaca</i> Motherwort  | 3           | 84.0              |
| <i>Lepidium sativum</i> Garden Cress   | 4           | 17017.0           |
| <i>Lepidium meyenii</i> Maca; Peruvian Ginseng   | 5           |                   |
| <i>Licania platypus</i> Sansapote  | 3           |                   |
| <i>Ligustrum lucidum</i> White Waxtree; Chinese Privet; Glossy Privet; Ligustri Fructus; Privet  | 2           | 48.0              |
| <i>Ligustrum japonicum</i> Ligustri Fructus; Japanese Privet   | 1           | 48.0              |
| <i>Limonia acidissima</i> Elephant Apple; Wood-Apple; Manzana De Elefante  | 1           |                   |
| <i>Linum usitatissimum</i> Flax; Linseed   | 8           | 20097.5           |
| <i>Lippia javanica</i> Lemon Bush; Umsuzwane (Zulu)  | 1           |                   |
| <i>Liquidambar styraciflua</i> Sweetgum; American Styrax   | 1           | 676.0             |
| <i>Lobelia inflata</i> Lobelia; Indian Tobacco   | 4           | 4580.799999999999 |
| <i>Lonicera japonica</i> Japanese Honeysuckle  | 1           | 42.0              |
| <i>Lophatherum gracile</i> Dan Zhu Ye  | 1           | 50.0              |
| <i>Luffa aegyptiaca</i> Smooth Loofah; Luffa; Vegetable Sponge   | 4           | 28362.0           |
| <i>Lupinus mutabilis</i> Chocho; Tarhui; Andean Lupine   | 2           | 130.6             |
| <i>Lupinus albus</i> White Lupine  | 5           | 6618.0            |
| <i>Lycium chinense</i> Lyciet de Chine (Fr.); Chinese Matrimony Vine; Chinese Boxthorn; Kaukichai (Malays.); Spina Santa Chinese (Ital.); Kuko (Jap.); Wolfberry; Daun Koki (Indones.); Chinese Wolfberry; Chinesischer Bocksborn (Ger.); Gou Qi (Chin.) | 7           | 1793.4            |
| <i>Lycium chilense</i> Chilean Wolfberry   | 1           |                   |
| <i>Lycium barbarum</i> Barbary Matrimony Vine; Duke of Argyll's Eta Tree; Matrimony Vine; Ning Xia Gou Qi (Chin.); Common Matrimony Vine   | 1           |                   |
| <i>Lycopersicon esculentum</i> Tomato  | 8           | 57130.0           |
| <i>Lycopodium clavatum</i> Antler Herb; Clubmoss   | 1           | 56.0              |
| <i>Lycopus europeus</i> European Bugle   | 1           |                   |
| <i>Lygodium japonicum</i> Climbing Fern  | 1           | 46.0              |
| <i>Macadamia spp</i> Macadamia   | 4           | 88.0              |
| <i>Maclura pomifera</i> Osage-Orange; Hedge Apple  | 2           |                   |
| <i>Magnolia officinalis</i> Magnolia-Bark; Hou Pu; Chinese Magnolia  | 1           | 18.0              |
| <i>Magnolia kobus</i> Xin-Yi; Hsin-I   | 2           | 1050.0            |
| <i>Magnolia fargesii</i> Xin-Yi; Hsin-I  | 1           | 50.0              |
| <i>Magnolia denudata</i> Xin-Yi; Hsin-I  | 2           | 50.0              |
| <i>Malpighia glabra</i> Acerola  | 3           | 344560.6          |
| <i>Malus domestica</i> Apple   | 8           | 1214.0            |
| <i>Malva sylvestris</i> High Mallow  | 3           | 5870.0            |
| <i>Malva parviflora</i> Cheeseweed   | 3           | 9510.0            |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| Malva neglecta Cheeses; Common Mallow   | 2           | 2350.0    |
| Mammea americana Mamey  | 3           |           |
| Mangifera indica Mango  | 5           | 10139.2   |
| Manihot esculenta Cassava; Tapioca; Yuca  | 5           | 26100.2   |
| Manilkara zapota Sapodilla  | 3           |           |
| Maranta arundinacea Bermuda Arrowroot; Arrowroot  | 3           | 470.0     |
| Marrubium vulgare White Horehound; Horehound  | 2           | 22000.0   |
| Matricaria recutita Wild Camomile; German Camomile; Annual Camomile   | 5           |           |
| Mauritia flexuosa Morichi palm; Aguaje; Buruti  | 3           |           |
| Medicago sativa Lucerne; Alfalfa  | 8           | 11557.0   |
| Melia azedarach Chinaberry  | 1           |           |
| Melicoccus bijugatas Honey berry; Genip; Mamoncillo; Pitomba  | 3           |           |
| Mentha x piperita Peppermint  | 8           | 252.2     |
| Mentha spicata Spearmint; Hortela da Folha Miuda  | 6           | 95.0      |
| Mentha pulegium European Pennyroyal   | 1           | 112.0     |
| Mentha arvensis var. piperascens Cornmint; Japanese Mint; Field Mint  | 1           | 56.0      |
| Menyanthes trifoliata Marsh Trefoil; Bog Myrtle; Marsh Clover; Buckbean; Water Trefoil; Bogbean   | 4           | 4094.0    |
| Mercurialis annua Annual Mercury  | 1           |           |
| Mimosa pudica Sensitive Plant   | 2           | 5174.0    |
| Mimulus glabratus Huaca-Mullo   | 3           | 4600.0    |
| Mitragyna speciosa Kratom   | 1           |           |
| Momordica charantia Sorosi; Bitter Melon  | 3           | 98064.0   |
| Morinda sp Morinda  | 1           | 30.0      |
| Morinda citrifolia Indian Mulberry; Noni  | 4           | 5296.0    |
| Moringa oleifera Drumstick Tree; West Indian Ben; Horseradish Tree; Jacinto (Sp.); Ben Nut; Benzolive Tree; Moringa                                   | 7           |           |
| Morus alba White Mulberry; Sang-Pai-Pi  | 6           | 128220.0  |
| Mucuna pruriens Cowage; Velvetbean  | 4           | 200079.4  |
| Muntingia calabura Yumansa; Cereso; Jamaica cherry  | 3           |           |
| Murraya sp None   | 5           | 2113.2    |
| Murraya koenigii Curry Leaf; Curry Leaf Tree; Indian Curry Tree   | 3           |           |
| Musa x paradisiaca Banana; Plantain   | 8           | 4930.1    |
| Myrciaria dubia Rumberry (Eng.); Guapuro Blanco (Bol.); Camo Camo (Peru); Araza de Agua (Sp.); Camu-camu Negro (Peru); Camu-camu (Eng.,Peru,Scn.,Sp.) | 3           |           |
| Myrciaria cauliflora Jaboticaba   | 3           |           |
| Myrica cerifera Southern Bayberry; Bayberry; Wax Myrtle; Candle-Berry   | 4           | 1368.0    |
| Myristica fragrans nuez moscada (Sp.); Nutmeg; Mace; Muskatnussbaum (Ger.); nogal moscado (Sp.)   | 2           | 94.0      |
| Nandina domestica Nanten (Jap.); Sacred Bamboo; Heavenly Bamboo; Southern Heaven Bamboo   | 1           |           |
| Nardostachys chinensis Chinese Spikenard  | 1           | 44.0      |
| Nasturtium officinale Watercress; Berro   | 6           | 39642.0   |
| Nelumbo nucifera Water Lotus  | 6           | 6031.0    |
| Nepeta cataria Catnip   | 3           |           |
| Nerium oleander Oleander  | 2           |           |
| Nicotiana tabacum Tobacco   | 2           | 20000.0   |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Nicotiana glauca</i> Tree Tobacco   | 1           | 42000.0   |
| <i>Nigella sativa</i> Black Caraway; Black Cumin; Roman Coriander; Fennel-Flower; Nutmeg-Flower                      | 3           | 5154.0    |
| <i>Notopterygium incisum</i> Qiang Huo   | 1           | 32.0      |
| <i>Nyssa sylvatica</i> Black Tupelo; Black Gum   | 1           | 374.0     |
| <i>Ocimum tenuiflorum</i> Anise-Scented Basil  | 1           |           |
| <i>Ocimum sanctum</i> Tulsi; Holy Basil  | 1           |           |
| <i>Ocimum basilicum</i> Sweet Basil; Cuban Basil; Basil  | 6           | 7189.0    |
| <i>Oenothera biennis</i> Evening-Primrose  | 3           | 32304.0   |
| <i>Olea europaea</i> Olive   | 3           | 238.0     |
| <i>Ophiopogon japonicus</i> Mai-Men-Tung; Mai-Men-Dong   | 1           | 32.0      |
| <i>Opuntia ficus-indica</i> Nopal; Nopalito; Indian Fig; Prickly Pear  | 7           | 6811.0    |
| <i>Origanum vulgare</i> Wild Marjoram; Oregano; Pot Marjoram; Common Turkish Oregano; Wild Oregano; European Oregano | 7           | 240.0     |
| <i>Origanum majorana</i> Marjoram; Sweet Marjoram  | 6           | 1290.0    |
| <i>Oryza sativa</i> Rice   | 6           | 1897.8    |
| <i>Oxalis tuberosa</i> Papa Roja; Quiba; Oca   | 3           | 4624.2    |
| <i>Pachira macrocarpa</i> Large-Fruited Provision Tree   | 3           | 590.6     |
| <i>Pachyrhizus erosus</i> Yambean  | 4           | 3753.4    |
| <i>Paeonia suffruticosa</i> Moutan; Moutan Peony; Tree Peony   | 1           | 30.0      |
| <i>Paeonia moutan</i> Tree Peony; Moutan   | 1           | 30.0      |
| <i>Paeonia lactiflora</i> Common Garden Peony; White Peony; Bai Shao (Chinese); Chih-Shao; Peony                     | 1           | 48.0      |
| <i>Panax quinquefolius</i> American Ginseng; Ginseng   | 5           | 4426.0    |
| <i>Panax japonicus</i> Japanese Ginseng  | 1           | 40.0      |
| <i>Panax ginseng</i> Korean Ginseng; Oriental Ginseng; Ginseng; Chinese Ginseng                                      | 6           | 4163.4    |
| <i>Panicum maximum</i> Guinea grass  | 1           |           |
| <i>Papaver somniferum</i> Opium Poppy; Poppypeed Poppy   | 7           | 61771.8   |
| <i>Parthenium integrifolium</i> Prairie-Dock; Feverfew; American Feverfew; Wild Quinine; Missouri Snakeroot          | 3           |           |
| <i>Passiflora quadrangularis</i> Granadilla  | 3           | 8286.0    |
| <i>Passiflora mollissima</i> Banana Passionfruit; Granadilla De Guineo   | 2           |           |
| <i>Passiflora ligularis</i> Sweet Granadilla; Granadilla   | 3           |           |
| <i>Passiflora incarnata</i> Passionflower; Mayapple; Manzana de Mayo   | 4           |           |
| <i>Passiflora foetida</i> Stinking Granadilla; Granadilla Cimarrona  | 3           |           |
| <i>Passiflora edulis</i> Maracuya; Passionfruit  | 3           |           |
| <i>Pastinaca sativa</i> Parsnip  | 5           | 1890.8    |
| <i>Paullinia cupana</i> Guarana  | 1           |           |
| <i>Peperomia pereskiiifolia</i> Perejil  | 3           |           |
| <i>Peperomia pelucida</i> Pepper elder; Yerba de la plata  | 3           |           |
| <i>Pereskia aculeata</i> Barbados Gooseberry; Grosela Americana  | 3           |           |
| <i>Perideridia gairdneri</i> Squaw Root  | 2           | 2128.0    |
| <i>Perilla frutescens</i> Perilla  | 4           | 7294.0    |
| <i>Persea schiedeana</i> Wild Avocado; Palta De Monte; Wild Pear   | 3           |           |
| <i>Persea americana</i> Avocado  | 8           | 3960.4    |
| <i>Petasites japonicus</i> Butterbur   | 4           | 11649.2   |

| Plant   | # Chemicals | Total PPM         |
|---|-------------|-------------------|
| <i>Petasites hybridus</i> European Butterbur  | 1           |                   |
| <i>Petroselinum crispum</i> Parsley   | 6           | 76082.0           |
| <i>Peucedanum decursivum</i> Qian Hu  | 1           | 84.0              |
| <i>Peumus boldus</i> Boldo  | 1           |                   |
| <i>Phaseolus vulgaris</i> Green Bean; French Bean; Black Bean; Haricot Bean; Dwarf Bean; Popping Bean; Garden Bean; Navy Bean; Haricot Vert; Haricot; Flageolet Bean; Field Bean; Wax Bean; Pop Bean; Kidney Bean; String Bean; Snap Bean | 8           | 52302.8           |
| <i>Phaseolus lunatus</i> Butter Bean; Lima Bean   | 5           | 8775.199999999999 |
| <i>Phaseolus coccineus</i> Scarlet Runner Bean  | 4           | 705.8             |
| <i>Phaseolus acutifolius</i> Tepary Bean  | 4           |                   |
| <i>Phaseolus aborigineus</i>  | 1           |                   |
| <i>Phellodendron amurense</i> Huang Po; Amur Cork Tree; Po Mu; Huang Bai  | 1           | 52.0              |
| <i>Phoenix dactylifera</i> Date Palm  | 6           | 3129.4            |
| <i>Phragmites australis</i> Giant Reed; Ditch Reed; Reed Grass; Common Reed   | 1           |                   |
| <i>Phyllanthus niruri</i> Seed On The Leaf  | 1           |                   |
| <i>Phyllanthus emblica</i> Myrobalan; Emblic  | 6           | 55053.8           |
| <i>Phyllanthus amarus</i>   | 1           |                   |
| <i>Phyllanthus acidus</i> Indian Gooseberry; Otaheite Gooseberry  | 3           | 2686.0            |
| <i>Physalis peruviana</i> Cape Gooseberry; Ground Cherry  | 4           | 5901.4            |
| <i>Physalis ixocarpa</i> Tomatillo  | 4           | 1580.0            |
| <i>Physalis alkekengi</i> Lantern; Bladderherb  | 1           | 8000.0            |
| <i>Phytelephas aequatorialis</i> EQUATORIAL IVORY PALM  | 1           |                   |
| <i>Phytolacca americana</i> Pokeweed  | 3           | 32674.0           |
| <i>Picrasma excelsa</i> Bitterwood; Jamaican Quassia  | 1           |                   |
| <i>Pimenta dioica</i> Pimenta; Clover-Pepper; Allspice; Jamaica-Pepper; Pimento   | 4           | 4179.8            |
| <i>Pimpinella anisum</i> Sweet Cumin; Anise   | 5           | 136.0             |
| <i>Pinellia ternata</i> Ban-Xia; Pan-Hsia   | 2           | 36.0              |
| <i>Pinus sylvestris</i> Scotch Pine   | 2           | 12800.0           |
| <i>Pinus pinea</i> Italian Stone Pine; Pignolia   | 4           |                   |
| <i>Pinus edulis</i> Pinyon Pine   | 5           |                   |
| <i>Pinus echinata</i> Shortleaf Pine  | 1           | 176.0             |
| <i>Pinus cembroides</i> Mexican Pinyon  | 3           |                   |
| <i>Piper nigrum</i> Black Pepper; Pepper; White Pepper  | 7           | 123.685           |
| <i>Piper betel</i> Betel Pepper   | 3           | 4365.6            |
| <i>Piper auritum</i> Hoja Santa; Cordoncillo; Hierba Santa  | 3           | 6953.4            |
| <i>Pistacia vera</i> Pistachio  | 4           | 6086.0            |
| <i>Pistacia lentiscus</i> Mastixbaum (Ger.); Mastic; Chios Mastictree; Mastictree; Lentisco (Sp.)   | 1           |                   |
| <i>Pisum sativum</i> Pea  | 8           | 38429.8           |
| <i>Plantago psyllium</i> Psyllium   | 4           | 23.1              |
| <i>Plantago major</i> Common Plantain   | 4           |                   |
| <i>Plantago asiatica</i> Asian Plantain   | 2           | 62.0              |
| <i>Platonia insignis</i> Pacouri; Bakuri  | 3           |                   |
| <i>Platycodon grandiflorum</i> Chieh-Keng; Balloon Flower; Jie-Geng   | 4           | 244.6             |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Plectranthus amboinicus</i> Country Borage; Indian Borage; Cuban Oregano; Spanish Thyme; Amboini Coleus; Soup Mint; French Thyme; Mexican Mint                        | 3           |           |
| <i>Plumeria acutifolia</i> Frangipani  | 1           |           |
| <i>Polygala tenuifolia</i> Chinese Senega  | 1           | 24.0      |
| <i>Polygonum multiflorum</i> Chinese Cornbind; Chinese Knotweed; Fo Ti; Fleeceflower; He Shou Wu   | 4           | 16.2      |
| <i>Polygonum hydropiper</i> Common Smartweed   | 1           | 60000.0   |
| <i>Polygonum aviculare</i> Prostrate Knotweed  | 1           |           |
| <i>Polymnia edulis</i> Andean Jicama   | 3           | 2966.2    |
| <i>Polystichum polyblepharum</i> Chinese Polystichum   | 1           | 120.0     |
| <i>Populus nigra</i> Black Poplar  | 1           |           |
| <i>Portulaca oleracea</i> Purslane; Verdolaga  | 6           | 25716.0   |
| <i>Pothomorphe</i> sp. Santiago  | 1           |           |
| <i>Pourouma cecropiaefolia</i> Uvilla; Tree Grape  | 3           |           |
| <i>Pouteria viridis</i> Sapote Verde; Green Sapote   | 3           |           |
| <i>Pouteria campechiana</i> Canistel   | 4           |           |
| <i>Pouteria caimito</i> Caimito; Abiu  | 3           |           |
| <i>Prunella vulgaris</i> Self-Heal; Heal-All   | 2           | 50.0      |
| <i>Prunus spinosa</i> Blackthorn; Sloe   | 1           |           |
| <i>Prunus serotina</i> Black Cherry; Wild Cherry   | 2           | 816.0     |
| <i>Prunus salicifolia</i> Wild Cherry; Capulin   | 3           |           |
| <i>Prunus persica</i> Peach  | 6           | 3055.0    |
| <i>Prunus dulcis</i> Almond  | 7           | 8271.2    |
| <i>Prunus domestica</i> Plum   | 6           | 4857.8    |
| <i>Prunus cerasus</i> Sour Cherry  | 6           | 1852.8    |
| <i>Prunus armeniaca</i> Apricot  | 6           | 39330.0   |
| <i>Psidium guajava</i> Guava   | 5           | 33843.0   |
| <i>Psidium cattleianum</i> Strawberry Guava  | 4           | 4799.8    |
| <i>Psophocarpus tetragonolobus</i> Winged Bean; Asparagus Pea; Goa Bean  | 5           | 39120.4   |
| <i>Psoralea esculenta</i> Prairie Potato; Prairie Apple; Breadroot; Indian Bread-Root; Prairie Turnip; Indian Turnip   | 2           | 1608.0    |
| <i>Psoralea corylifolia</i> Malaya Tea; Black Dot; Babchi  | 1           |           |
| <i>Pteridium aquilinum</i> Bracken; Bracken Fern   | 1           |           |
| <i>Pueraria pseudohirsuta</i> Chinese Kudzu  | 2           | 60.0      |
| <i>Pueraria montana</i> Kudzu; Kudzu   | 3           |           |
| <i>Pulsatilla chinensis</i> Chinese Anemone  | 1           | 48.0      |
| <i>Punica granatum</i> Granatapfelstrauch (Ger.); Romanzeiro (Port.); Granado (Sp.); Grenadier (Fr.); Zakuro (Jap.); Pomegranate; Mangrano (Sp.); Granatapfelbaum (Ger.) | 4           | 1380.0    |
| <i>Pyrus communis</i> Pear   | 5           | 629.6     |
| <i>Quararibea cordata</i> Sapote; Chupa-Chupa  | 3           |           |
| <i>Quercus velutina</i> Black Oak  | 1           | 186.0     |
| <i>Quercus stellata</i> Post Oak   | 1           | 104.0     |
| <i>Quercus rubra</i> Northern Red Oak  | 1           | 310.0     |
| <i>Quercus phellos</i> Willow Oak  | 1           | 184.0     |
| <i>Quercus alba</i> White Oak  | 4           | 644.4     |

| Plant   | # Chemicals | Total PPM         |
|---|-------------|-------------------|
| <i>Quisqualis indica</i> Rangoon Creeper  | 1           | 44.0              |
| <i>Raphanus sativus</i> Radish  | 5           | 44913.2           |
| <i>Rehmannia glutinosa</i> Chinese Foxglove   | 1           | 28.0              |
| <i>Rhamnus cathartica</i> Buckthorn; European Buckthorn                                       | 1           |                   |
| <i>Rheum rhabarbarum</i> Rhubarb  | 6           | 23691.6           |
| <i>Rheum palmatum</i> Chinese Rhubarb   | 1           | 20.0              |
| <i>Rheum officinale</i> Chinese Rhubarb   | 1           |                   |
| <i>Rhizophora mangle</i> Red Mangrove   | 4           | 86.0              |
| <i>Rhodymenia palmata</i> Dulse   | 4           | 321.2             |
| <i>Rhus glabra</i> Smooth Sumac   | 1           | 416.0             |
| <i>Rhus copallina</i> Dwarf Sumac; Winged Sumac   | 1           | 448.0             |
| <i>Ribes uva-crispa</i> Gooseberry  | 5           | 4994.0            |
| <i>Ribes rubrum</i> Red Currant; White Currant  | 5           | 5274.0            |
| <i>Ribes nigrum</i> Black Currant   | 6           | 20382.0           |
| <i>Ricinus communis</i> Castorbean  | 4           | 4044.0            |
| <i>Rivea corymbosa</i> Snakeplant   | 1           |                   |
| <i>Rollinia mucosa</i> Lancewood; Biriba  | 3           |                   |
| <i>Rosa</i> spp Rose Hips   | 1           | 25000.0           |
| <i>Rosa rubiginosa</i> Rosa Mosqueta  | 1           | 25000.0           |
| <i>Rosa multiflora</i> Multiflora Rose  | 2           | 4000.0            |
| <i>Rosa laevigata</i> Cherokee Rose   | 1           | 30.0              |
| <i>Rosa gallica</i> French Rose   | 1           | 16940.0           |
| <i>Rosa canina</i> Rose; Dog Rose; Dogbrier   | 6           | 32951.6           |
| <i>Rosmarinus officinalis</i> Rosemary  | 7           | 1456.0            |
| <i>Rubia cordifolia</i> Madder  | 1           | 78.0              |
| <i>Rubus idaeus</i> Raspberry; Red Raspberry  | 7           | 8822.8            |
| <i>Rubus fruticosus</i> Blackberry  | 1           |                   |
| <i>Rubus chingii</i> Chinese Raspberry  | 1           | 56.0              |
| <i>Rubus chamaemorus</i> Cloudberry   | 1           | 80.0              |
| <i>Rumex crispus</i> Curly Dock; Lengua De Vaca; Yellow Dock; Sour Dock                       | 5           | 8356.400000000001 |
| <i>Rumex acetosella</i> Sheep Sorrel  | 2           | 34600.0           |
| <i>Rumex acetosa</i> Garden Sorrel  | 5           | 50558.0           |
| <i>Ruscus aculeatus</i> Butcher's Broom; Box-Holly  | 5           | 1256.0            |
| <i>Ruta graveolens</i> Rue  | 2           | 49580.0           |
| <i>Salix alba</i> White Willow  | 5           | 357.1             |
| <i>Salvia tomentosa</i> Sage  | 1           |                   |
| <i>Salvia officinalis</i> Sage  | 5           | 904.9             |
| <i>Salvia miltiorrhiza</i> Red Sage; Dan-Shen; Tan-Shen                                       | 1           | 24.0              |
| <i>Sambucus nigra</i> Elder; European Elderberry; European Alder; European Elder; Black Elder | 6           | 18416.0           |
| <i>Sambucus canadensis</i> Sweet Elder; Elderberry; American Elder; American Elderberry       | 5           | 77738.0           |
| <i>Santalum acuminatum</i> Quandong Nut; Quandong; Sweet Quandong                             | 1           |                   |
| <i>Sassafras albidum</i> Sassafras  | 1           | 247.0             |

| Plant   | # Chemicals | Total PPM         |
|---|-------------|-------------------|
| <i>Satureja montana</i> Winter Savory; Savory   | 1           |                   |
| <i>Satureja hortensis</i> Summer Savory   | 2           | 98.0              |
| <i>Schisandra chinensis</i> Schizandra; Five-Flavor-Fruit; Chinese Magnolia Vine; Wu Wei Zi; Wu Wei Zu; Magnolia Vine | 4           | 2044.0            |
| <i>Schizonepeta tenuifolia</i> Jing-Jie; Ching-Chieh  | 1           | 56.0              |
| <i>Sclerocarya caffra</i> Marula  | 3           | 16450.0           |
| <i>Scopolia carniolica</i> Scopolia   | 1           |                   |
| <i>Scrophularia buergeriana</i> Hsuan-Shen; Yuan-Shen   | 1           | 26.0              |
| <i>Scutellaria lateriflora</i> Skullcap; Mad-Dog Skullcap   | 4           | 2220.2            |
| <i>Scutellaria baicalensis</i> Chinese Skullcap; Baikal Skullcap; Huang Qin   | 1           | 36.0              |
| <i>Secale cereale</i> Rye   | 4           |                   |
| <i>Sechium edule</i> Chayote  | 5           | 16004.0           |
| <i>Selenicereus grandiflorus</i> Queen-of-the-Night; Night-Blooming Cereus  | 1           |                   |
| <i>Senna occidentalis</i> Coffee Senna  | 1           | 82.0              |
| <i>Senna obtusifolia</i> Sicklepod  | 2           | 4512.0            |
| <i>Senna alexandrina</i> Indian Senna; True Senna; Alexandran senna   | 3           |                   |
| <i>Serenoa repens</i> Scrub-Palmetto; Saw Palmetto  | 5           |                   |
| <i>Sesamum indicum</i> Ajonjoli (Sp.); Benneseed; Beni; Sesame; Sesamo (Sp.)  | 8           | 13754.0           |
| <i>Sicana odorifera</i> Cassabanana   | 3           |                   |
| <i>Sida rhombifolia</i> Broomweed; Teaplant   | 3           | 9322.0            |
| <i>Siegesbeckia orientalis</i> Hsi Chien; Saint Paul'Swort  | 1           | 34.0              |
| <i>Silybum marianum</i> Milk Thistle; Lady's Thistle  | 3           | 36.3              |
| <i>Simmondsia chinensis</i> Jojoba  | 1           | 32.0              |
| <i>Sinapis alba</i> White Mustard   | 6           | 11558.0           |
| <i>Sinomenium acutum</i> Ching-Feng-Teng  | 1           | 30.0              |
| <i>Smilax spp</i> Sarsaparilla  | 4           | 28.6              |
| <i>Smilax officinalis</i> Sarsaparilla  | 3           |                   |
| <i>Smilax china</i> China Root  | 1           |                   |
| <i>Solanum tuberosum</i> Potato   | 9           | 8731.800000000001 |
| <i>Solanum torvum</i> Susumba; Wild Eggplant  | 3           | 922.0             |
| <i>Solanum sessiliflorum</i> Cocona   | 2           |                   |
| <i>Solanum quitoensis</i> Naranjillo  | 3           |                   |
| <i>Solanum nigrum</i> Black Nightshade  | 2           | 8158.0            |
| <i>Solanum melongena</i> Eggplant; Aubergine  | 6           | 17297.2           |
| <i>Solidago virgaurea</i> European Goldenrod; Woundwort   | 1           |                   |
| <i>Solidago gigantea</i> Early Goldenrod  | 1           |                   |
| <i>Sonchus oleraceus</i> Cerraja; Sow Thistle   | 3           | 1524.0            |
| <i>Sophora subprostrata</i> Shan Dou Gen  | 1           | 28.0              |
| <i>Sophora pachycarpa</i> Siberian Pachycarpa   | 1           |                   |
| <i>Sophora japonica</i> Japanese Pagoda Tree  | 2           | 868940.0          |
| <i>Sophora angustifolia</i> Narrowleaf Sophora  | 1           | 48.0              |
| <i>Sorbus aucubaria</i> Rowan Berry   | 5           | 5336.0            |
| <i>Sphenostylis stenocarpa</i> African Yam Bean; Yam Pea  | 1           | 15.2              |



| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Spinacia oleracea</i> Spinach  | 9           | 26202.0            |
| <i>Spirulina</i> spp. Spirulina   | 3           |                    |
| <i>Spirulina pratensis</i> Spirulina  | 3           | 422.0              |
| <i>Spondias tuberosa</i> Imbu; Umbu   | 1           | 2.66               |
| <i>Spondias purpurea</i> Purple Plum; Purple Jobo                                 | 3           | 4141.4             |
| <i>Spondias pinnata</i> Yellow Mombin; Yellow Plum                                | 3           | 4396.2             |
| <i>Spondias mombin</i> Yellow Plum; Yellow Mombin                                 | 3           | 3473.0             |
| <i>Spondias dulcis</i> Ambarella  | 4           | 5721.8             |
| <i>Stachys officinalis</i> Wood Betony; Betony; Bishop's-Wort; Purple Betony      | 4           |                    |
| <i>Stellaria media</i> Common Chickweed; Chickweed                                | 6           | 5724.4             |
| <i>Stevia rebaudiana</i> Stevia; Ca-A-E; Sweet Leaf of Paraguay                   | 5           | 220.0              |
| <i>Strophanthus hispidus</i> Hispid Ouabain                                       | 1           |                    |
| <i>Strophanthus gratus</i> Ouabain  | 1           |                    |
| <i>Strychnos nux-vomica</i> Nux-Vomica; Strychnine                                | 1           |                    |
| <i>Symphoricarpos orbiculatus</i> Buckbush  | 1           | 184.0              |
| <i>Symphytum officinale</i> Comfrey   | 5           | 406.0              |
| <i>Syringa vulgaris</i> Lilac   | 2           |                    |
| <i>Syzygium malaccense</i> Malay Apple; Mammey Pomorrosa; Ohia                    | 3           |                    |
| <i>Syzygium jambos</i> Pomarrosa; Rose Apple                                      | 3           |                    |
| <i>Syzygium cumini</i> Aceituna Dulce; Java Plum; Jambolan                        | 4           |                    |
| <i>Syzygium aromaticum</i> Clove; Clovetree                                       | 3           | 1682.0             |
| <i>Tabebuia heptaphylla</i> Pau D'Arco  | 4           | 381.09999999999997 |
| <i>Tamarindus indica</i> Tamarind; Kilytree; Indian Tamarind                      | 4           | 3772.0             |
| <i>Tanacetum vulgare</i> Tansy  | 1           |                    |
| <i>Tanacetum parthenium</i> Feverfew  | 4           |                    |
| <i>Taraxacum officinale</i> Dandelion   | 7           | 69259.40000000001  |
| <i>Taraxacum mongolicum</i> Mongoloid Dandelion                                   | 2           | 68.0               |
| <i>Tecoma stans</i> Yellow Elder  | 1           |                    |
| <i>Tephrosia purpurea</i> Purple Tephrosia; Wild Indigo                           | 1           |                    |
| <i>Tephrosia candida</i> White Tephrosia  | 1           | 52.0               |
| <i>Terminalia chebula</i> Ink Nut; Black Myrobalan; Myrobalan; Chebulic Myrobalan | 2           | 1840.0             |
| <i>Terminalia catappa</i> Malabar Almond; Tropical Almond; Indian Almond          | 3           | 28.0               |
| <i>Tetragonia tetragonioides</i> New Zealand Spinach                              | 3           | 10183.4            |
| <i>Tetrapanax papyrifera</i> Tong-Cao; Rice Paper Tree; Tung-Tsao                 | 1           | 84.0               |
| <i>Teucrium scorodonia</i> Germander; Wood Germander                              | 1           |                    |
| <i>Teucrium scordium</i> Water Germander  | 2           |                    |
| <i>Teucrium montanum</i> Mountain Germander                                       | 1           |                    |
| <i>Teucrium chamaedrys</i> Wall Germander   | 1           |                    |
| <i>Teucrium botrys</i> Field Germander  | 1           |                    |
| <i>Theobroma speciosum</i> Macambo  | 3           |                    |
| <i>Theobroma cacao</i> Cacao  | 5           | 136.0              |
| <i>Theobroma bicolor</i> Nicaraguan Cacao; Pataste                                | 3           |                    |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Thuja occidentalis</i> Northern White-Cedar; Arbor-Vitae   | 1           |           |
| <i>Thymus vulgaris</i> Thyme; Common Thyme; Garden Thyme  | 6           | 4302.5    |
| <i>Tilia</i> sp. Lime; Basswood; Linden   | 2           |           |
| <i>Trachyspermum ammi</i> Ajwan   | 2           | 90.6      |
| <i>Tragopogon porrifolius</i> Salsify   | 4           | 1036.0    |
| <i>Tribulus terrestris</i> Puncture-vine  | 2           |           |
| <i>Trichosanthes anguina</i> Snakegourd   | 3           | 126.8     |
| <i>Trifolium pratense</i> Peavine Clover; Red Clover; Cowgrass; Purple Clover   | 7           | 6990.4    |
| <i>Trigonella foenum-graecum</i> Bockshornklee (Ger.); Greek Hay; Fenugreek; Greek Clover; Alholva (Sp.)                          | 10          | 38340.0   |
| <i>Triticum aestivum</i> Wheat  | 9           | 21064.0   |
| <i>Tropaeolum tuberosum</i> Mashua; Anu   | 3           | 9718.6    |
| <i>Tropaeolum majus</i> Nasturtium  | 3           | 15263.0   |
| <i>Tulipa gesneriana</i> Tulip  | 1           |           |
| <i>Turnera diffusa</i> Damiana  | 4           | 2173.6    |
| <i>Tussilago farfara</i> Coltsfoot  | 3           | 7250.0    |
| <i>Ullucus tuberosus</i> Melloco; Ulluco  | 3           | 3586.6    |
| <i>Ulmus rubra</i> Slippery Elm; Red Elm  | 4           | 410.0     |
| <i>Uncaria tomentosa</i> Una de Gato; Garabato Amarillo; Cat's Claw   | 3           |           |
| <i>Uncaria guianensis</i> Cat's Claw; Tambor Huasca; Ungunagi; Garabato Colorado; Una de Gato                                     | 3           |           |
| <i>Urtica dioica</i> Stinging Nettle; European Nettle   | 8           | 2062.5    |
| <i>Vaccinium vitis-idaea</i> Lingon; Lingonberry; Cowberry  | 2           | 3758.0    |
| <i>Vaccinium myrtillus</i> Dwarf Bilberry; Whortleberry; Bilberry   | 5           | 3494.7    |
| <i>Vaccinium macrocarpon</i> American Cranberry; Cranberry; Large Cranberry   | 5           | 2458.3    |
| <i>Vaccinium corymbosum</i> Blueberry   | 7           | 2446.2    |
| <i>Valeriana officinalis</i> Valerian; Common Valerian; Garden-Heliotrope   | 6           | 107.2     |
| <i>Valerianella radicata</i>  | 1           |           |
| <i>Valerianella locusta</i> Corn Salad; Lamb's Lettuce  | 2           | 7220.0    |
| <i>Verbascum thapsus</i> Velvetplant; Flannelplant; Mullein; Flannelleaf; Great Mullein   | 4           | 1746.4    |
| <i>Viburnum opulus</i> Guelder Rose; Snowballbush; European Cranberry Bush; Crampbark   | 2           | 34.0      |
| <i>Vicia faba</i> Broadbean; Faba Bean; Habas   | 5           | 11828.8   |
| <i>Vigna unguiculata</i> Asparagus Bean; Yardlong Bean; Pea Bean  | 7           | 28778.0   |
| <i>Vigna subterranea</i> Groundbean; Bambarra Groundnut   | 2           | 50.4      |
| <i>Vigna radiata</i> Mungbean; Green Gram   | 8           | 20738.0   |
| <i>Vigna mungo</i> Black Gram   | 5           | 37081.0   |
| <i>Vigna angularis</i> Adzuki Bean  | 5           | 4615.2    |
| <i>Vigna aconitifolia</i> Moth Bean; Mat Bean   | 5           | 3460.4    |
| <i>Viola tricolor</i> Wild Violet; Pansy  | 2           | 460604.0  |
| <i>Viola odorata</i> Sweet Violet; Common Violet  | 1           | 40000.0   |
| <i>Viscum album</i> European Mistletoe  | 2           | 15172.0   |
| <i>Vitellaria paradoxa</i> Shea; Butterseed; Sheatree; Shea Nut; Shea-Butter-Tree   | 2           |           |
| <i>Vitis vinifera</i> European Grape; Grape; Vid (Sp.); Wine Grape; Parra (Sp.); Vigne Vinifere (Fr.); Weinrebe (Ger.); Grapevine | 8           | 10196.6   |
| <i>Withania somnifera</i> Ashwagandha   | 2           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Xanthosoma sagittifolium</i> Malanga; Yautia; Tannia  | 3           | 85.6      |
| <i>Xylopia aethiopica</i> Guinea Pepper; Spice Tree; Ethiopian Pepper; Pimienta de Guinea (Sp.); Maniguete (Sp.); Negro Pepper; Mohrenpfeffer (Ger.) | 1           |           |
| <i>Yucca schidigera</i> Mohave Yucca   | 1           |           |
| <i>Yucca brevifolia</i> Joshua Tree  | 1           |           |
| <i>Yucca baccata</i> Yucca; Banana Yucca; Blue Yucca; Spanish Bayonet  | 4           | 282.2     |
| <i>Zea mays</i> Corn   | 8           | 4006.2    |
| <i>Zingiber officinale</i> Ginger  | 6           | 2410.0    |
| <i>Zizyphus spina-christi</i> Syrian Christ-Thorn  | 3           | 742.8     |
| <i>Zizyphus jujuba</i> Ta-Tsao; Jujube; Da-Zao   | 5           | 37914.6   |