

# A Hepatoprotective

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Abelmoschus moschatus</i> Muskmallow; Ambrette; Musk Okra; Tropical Jewel Hibiscus   | 3           |           |
| <i>Abelmoschus esculentus</i> Okra  | 5           | 138950.0  |
| <i>Abies spectabilis</i>  | 1           |           |
| <i>Abies sachalinensis</i> Japanese Fir; Shin-Yo-Yu   | 1           | 7560.0    |
| <i>Abrus precatorius</i> Weatherplant; Licorice Vine; Prayer Beads; Precatory Bean; Weathervine; Jequerity; Coral Beadplant; Love Bean; Rosary Pea; Lucky Bean; Crab's Eye; Minnie-Minnies; Red Beadvine; Indian Licorice; Jequirity Bean | 5           | 225000.0  |
| <i>Abutilon theophrasti</i> Indian-Mallow; Butterprint; Velvet Leaf; Abutilon-Hemp  | 4           |           |
| <i>Acacia tortilis</i> Umbrella Thorn   | 2           |           |
| <i>Acacia senegal</i> Gum Arabic; Gum Arabic Tree; Kher; Senegal Gum; Sudan Gum Arabic  | 5           |           |
| <i>Acacia nilotica</i> Babul  | 7           | 1412400.0 |
| <i>Acacia melanoxylon</i> Blackwood   | 2           |           |
| <i>Acacia leucophloea</i> Pilang Bast   | 2           |           |
| <i>Acacia farnesiana</i> Popinac; Opopanax; Sweet Acacia; Huisache; Cassie  | 9           | 9034.0    |
| <i>Acacia decurrens</i> Green Wattle  | 3           |           |
| <i>Acacia catechu</i> Catechu; Black Cutch  | 7           |           |
| <i>Acalypha indica</i> Indian Nettle; Copperleaf; Three-Seeded-Mercury; Cancer Herb; Indian Acalypha  | 2           |           |
| <i>Acanthopanax gracilistylis</i> Wu Chia Pi  | 1           |           |
| <i>Achillea moschata</i> Iva  | 1           | 3708.0    |
| <i>Achillea millefolium</i> Yarrow; Milfoil   | 17          | 68550.0   |
| <i>Achyranthes bidentata</i> Chaff Flower   | 3           |           |
| <i>Achyranthes aspera</i> Chaff Flower  | 2           |           |
| <i>Acinos suaveolens</i>  | 4           |           |
| <i>Acinos alpinus</i> Te de Sierra Nevada   | 1           |           |
| <i>Aconitum napellus</i> Blue Rocket; Bear's-Foot; Garden Wolfsbane; Friar's Cap; Soldier's Cap; Helmet Flower; Monkshood; Aconite; Queen's Fettle; Turk's Cap; Garden Monkshood; European Aconite  | 2           |           |
| <i>Acorus calamus</i> Calamus; Myrtle Flag; Sweet Calamus; Flagroot; Sweetroot; Sweetflag   | 4           | 384.0     |
| <i>Acrocomia totai</i> Gru-Gru Nut; Mbocaya   | 1           |           |
| <i>Actaea racemosa</i> Black Cohosh; Black Snakeroot  | 3           |           |
| <i>Actaea dahurica</i> Xing an sheng ma; Sheng ma   | 2           |           |
| <i>Actaea cimicifuga</i> Bugbane; Sheng ma; Foetid Bugbane  | 3           |           |
| <i>Actinidia chinensis</i> Kiwi   | 6           | 19060.0   |
| <i>Adiantum capillus-veneris</i> Maidenhair Fern  | 2           |           |
| <i>Adonis vernalis</i> Spring Adonis  | 4           |           |
| <i>Aegle marmelos</i> Bael de India; Bael fruit   | 2           |           |
| <i>Aesculus hippocastanum</i> Horse Chestnut  | 13          |           |
| <i>Aframomum melegueta</i> Grains-of-Paradise; Malagettapfeffer (Ger.); Malagueta (Sp.); Guinea Grains; Alligator Pepper; Melegueta Pepper  | 3           |           |
| <i>Agastache rugosa</i>   | 4           |           |
| <i>Agastache nepetoides</i>   | 1           |           |
| <i>Agastache foeniculum</i> Giant Hyssop  | 1           |           |
| <i>Agathosma betulina</i> Buchu; Mountain Buchu; Honey Buchu  | 3           | 84.0      |

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|--|-------------|-----------|
| Agave sisalana Hemp Plant; Sisal Agave; Mescal; Sisal; Sisal Hemp  | 2           |           |
| Ageratum conyzoides Mexican ageratum   | 6           |           |
| Aglaiia odorata Chinese Rice Flower  | 1           |           |
| Agrimonia eupatoria Agrimony; Sticklewort  | 14          | 236000.0  |
| Ailanthus altissima Stinktree; Tree Of Heaven  | 5           | 240000.0  |
| Ajuga reptans Blue Bugle; Common Bugle; Bugleherb; Bugleweed; Bugle  | 2           | 300000.0  |
| Ajuga iva Ivy Bugle  | 1           |           |
| Ajuga bracteosa Nilkanthi  | 1           |           |
| Akebia quinata Chocolate Vine  | 2           |           |
| Albizia lebbek Siris Tree; Lebbek; East Indian Walnut; Lebbek Tree; Frywood; Koko; Women's-Tongue Tree       | 10          |           |
| Albizia julibrissin Mimosa   | 1           |           |
| Aletris farinosa Colic Root; Mealy Star Grass; Agueroot; Crow Corn; Unicorn Root; Mealy Starwort; Star Grass | 1           |           |
| Aleurites moluccana Varnishtree; Indian Walnut; Candlenut Tree; Candlenut; Candleberry; Lumbangtree          | 2           | 671290.0  |
| Aleurites fordii Tungoil Tree  | 2           |           |
| Alisma plantago-aquatica Mud Plantain; Water Plantain; Ze-Xie; Tse-Hsieh                                     | 9           |           |
| Alliaria petiolata Garlic Mustard  | 1           | 96800.0   |
| Allium schoenoprasum Chives  | 7           | 63514.0   |
| Allium sativum var. sativum Garlic   | 16          | 62452.0   |
| Allium cepa Onion; Shallot   | 17          | 100370.0  |
| Allium ampeloprasum Kurrat; Elephant Garlic  | 11          | 220.0     |
| Alnus glutinosa Black Alder  | 3           | 400000.0  |
| Alocasia macrorrhiza Giant Taro  | 1           | 32.0      |
| Aloe vera Aloe; Bitter Aloes   | 6           | 128.0     |
| Aloe spp. Aloe   | 1           |           |
| Aloysia citrodora Lemon Verbena  | 4           |           |
| Alpinia officinarum Chinese Ginger; Lesser Galangal  | 5           | 800.0     |
| Alpinia galanga Siamese Ginger; Languas; Greater Galangal  | 4           | 24142.0   |
| Althaea officinalis White Mallow; Marshmallow  | 14          | 120062.0  |
| Amaranthus spinosus Spiny pigweed  | 3           |           |
| Amaranthus sp. Pigweed   | 3           | 8898.0    |
| Ammi visnaga Visnaga   | 8           |           |
| Ammi majus Bishop's Weed   | 8           | 121000.0  |
| Amomum xanthioides Bastard Cardamom; Tavoy Cardamom; Malabar Cardamom; Chin Kousha                           | 1           |           |
| Amomum compactum Siam Cardamom; Round Cardamom; Chester Cardamom; Java Cardamom                              | 1           |           |
| Amorphophallus konjac Devil's Tongue; Leopard Palm; Elephant Yam; Snake Palm; Konjac; Umbrella Arum          | 2           |           |
| Amorphophallus campanulatus Elephant-Foot Yam  | 1           | 158.0     |
| Amphicarpaea bracteata Hog Peanut  | 1           |           |
| Anacardium occidentale Cashew  | 8           | 341560.0  |
| Anamirta cocculus Levant Berry   | 1           | 11232.0   |
| Ananas comosus Pineapple   | 6           | 15660.0   |
| Anaphalis margaritacea Pearly Everlasting  | 1           |           |
| Anastatica hierochuntica Jericho Rose  | 5           |           |

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|---|-------------|--------------------|
| <i>Andrographis paniculata</i> Creat  | 1           |                    |
| <i>Anemone pulsatilla</i> Pasque Flower   | 3           |                    |
| <i>Anethum graveolens</i> Dill; Garden Dill   | 19          | 24012.0            |
| <i>Angelica sinensis</i> Dang Quai; Dang Gui; Dong Quai; Dong Gui; Chinese Angelica; Dang Qui                     | 9           | 4940.0             |
| <i>Angelica dahurica</i> Bai Zhi  | 3           |                    |
| <i>Angelica archangelica</i> Garden Angelica; Angelica; Wild Parsnip  | 12          | 13946.0            |
| <i>Anisochilus carnosus</i> Panjiri-ka Pat  | 1           |                    |
| <i>Anisomeles indica</i> Kalabhangra  | 1           |                    |
| <i>Annona squamosa</i> Sugar-Apple; Sweetsop  | 4           | 592.0              |
| <i>Annona reticulata</i> Custard Apple  | 4           | 356.0              |
| <i>Annona muricata</i> Soursop  | 5           | 894.0              |
| <i>Annona glabra</i> Pondapple  | 1           |                    |
| <i>Annona diversifolia</i> Llama  | 1           |                    |
| <i>Annona cherimola</i> Cherimoya   | 4           | 215100.0           |
| <i>Anogeissus latifolia</i> Gum Ghatti  | 4           | 958000.0           |
| <i>Anthriscus cerefolium</i> Chervil  | 1           | 137800.0           |
| <i>Apium graveolens</i> Celery  | 20          | 120046.42000000001 |
| <i>Apocynum cannabinum</i> Bitterroot; Spreading Dogbane  | 3           |                    |
| <i>Aquilegia vulgaris</i> Columbine   | 1           | 129120.0           |
| <i>Arachis hypogaea</i> Groundnut; Peanut   | 12          | 388818.0           |
| <i>Aralia cordata</i> Udo   | 2           | 344.0              |
| <i>Araucaria bidwillii</i> Monkey puzzle  | 4           |                    |
| <i>Arbutus unedo</i> Strawberry Tree; Arbutus   | 4           | 1220000.0          |
| <i>Arctium lappa</i> Gobo; Great Burdock; Burdock   | 10          | 5928.0             |
| <i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi  | 15          | 430024.0           |
| <i>Ardisia japonica</i> Marlberry   | 1           |                    |
| <i>Areca catechu</i> Betel Nut; Pin-Lang  | 7           | 500013.6           |
| <i>Argemone mexicana</i> Prickly Poppy  | 2           | 399200.0           |
| <i>Aristolochia serpentaria</i> Serpentaria; Virginia Snakeroot   | 1           |                    |
| <i>Armoracia rusticana</i> Horseradish  | 7           | 110.0              |
| <i>Arnica montana</i> Leopard's-Bane; Mountain Tobacco  | 8           |                    |
| <i>Arracacia xanthorrhiza</i> Arracacha; Peruvian Carrot  | 1           | 250.0              |
| <i>Artemisia vulgaris</i> Mugwort   | 8           | 470.0              |
| <i>Artemisia salsoloides</i>  | 1           |                    |
| <i>Artemisia pallens</i> Davana   | 1           | 232.0              |
| <i>Artemisia herba-alba</i> Desert Wormwood   | 2           | 638.0              |
| <i>Artemisia dracunculus</i> Tarragon   | 21          | 1688.0             |
| <i>Artemisia cina</i> Levant Wormseed   | 4           |                    |
| <i>Artemisia capillaris</i> Capillary Wormwood  | 5           |                    |
| <i>Artemisia annua</i> Sweet Wormwood (GRIN); Sweet Annie; Annual Wormwood (GRIN); Qinghao; Annual Mugwort (GRIN) | 12          |                    |
| <i>Artemisia absinthium</i> Wormwood  | 4           | 154000.0           |
| <i>Artemisia abrotanum</i> Southernwood   | 6           |                    |

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|---|-------------|-----------|
| <i>Artocarpus heterophyllus</i> Jackfruit   | 3           | 66030.0   |
| <i>Artocarpus altilis</i> Breadfruit  | 5           | 740.0     |
| <i>Arundo donax</i> Giant Reed  | 1           |           |
| <i>Asarum canadense</i> Wild Ginger   | 1           |           |
| <i>Asclepias syriaca</i> Milkweed   | 6           | 481080.0  |
| <i>Asimina triloba</i> Pawpaw   | 4           | 13708.0   |
| <i>Aspalathus linearis</i> Rooibos; Red Bush Tea; Kaffree Tea   | 8           |           |
| <i>Asparagus officinalis</i> Asparagus  | 10          | 32212.0   |
| <i>Asparagus lucidus</i> Lucid Asparagus  | 1           |           |
| <i>Aspidosperma quebracho-blanco</i> Quebracho  | 2           | 80000.0   |
| <i>Astragalus membranaceus</i> Huang-Chi; Huang Qi  | 11          |           |
| <i>Astrocaryum vulgare</i> Tucuma; Tucuma Palm; Tucum Palm; Awarra Palm   | 1           |           |
| <i>Atractylodes lancea</i> Cang Zhu   | 3           |           |
| <i>Atropa bella-donna</i> Belladonna  | 4           | 240000.0  |
| <i>Aucuba japonica</i> Japanese Laurel; Spotted Laurel; Japanese Aucuba   | 1           |           |
| <i>Avena sativa</i> Oats  | 10          | 16635.3   |
| <i>Averrhoa carambola</i> Star Fruit; Carambola   | 2           |           |
| <i>Averrhoa bilimbi</i> Bilimbi; Limon chino  | 1           |           |
| <i>Azadirachta indica</i> Neem  | 8           | 224500.0  |
| <i>Bacopa monnieri</i> Brahmi; Water Hyssop   | 1           |           |
| <i>Bactris gasipaes</i> Pejibaye; Peach palm  | 2           |           |
| <i>Balanites aegyptiacus</i> dattier du desert (Fr.); dattier sauvage (Fr.); heglik (Fr.); betu (India); mirobalano de Egipto (Sp.); lalo (India); Desert Date; Zachunbaum (Ger.); zachun (India); Soapberry Tree; hingotia (India) | 4           | 440000.0  |
| <i>Ballota nigra</i> Black Horehound  | 6           |           |
| <i>Baptisia tinctoria</i> Wild Indigo   | 2           |           |
| <i>Barosma betulina</i> Buchu   | 2           |           |
| <i>Basella alba</i> Vinespinach   | 4           | 5650.0    |
| <i>Belamcanda chinensis</i> Iris Tigre (Fr.); Maravilla (Sp.); Shenan; Leopardenblume (Ger.); Blackberry Lily; Leopard Lily; Mariposa (Sp.)   | 1           |           |
| <i>Benincasa hispida</i> Waxgourd   | 3           | 46354.0   |
| <i>Berberis vulgaris</i> Barberry   | 11          | 162.0     |
| <i>Bertholletia excelsa</i> Creamnut; Brazilnut-Tree; Paranut; Brazilnut  | 6           | 859326.0  |
| <i>Beta vulgaris</i> Beetroot; Sugar Beet; Beet; Garden Beet  | 10          | 10138.0   |
| <i>Bidens pilosa</i>  | 3           |           |
| <i>Bixa orellana</i> Annato; Annatto; Annato; Achiote; Bija; Lipsticktree; Lipstick Pod; Arnato   | 4           | 3358.0    |
| <i>Blighia sapida</i> Akee; Seso Vegetal  | 1           | 344.0     |
| <i>Boehmeria nivea</i> Ramie  | 2           | 242.0     |
| <i>Borago officinalis</i> Beebread; Talewort; Borage; Beeplant  | 6           | 60258.0   |
| <i>Boronia megastigma</i> Scented Boronia   | 1           |           |
| <i>Boswellia serrata</i> Salai; Salaki; Indian Olibanum-Tree; Indian Frankincense; Salai Guggal; Kundur Luban   | 3           |           |
| <i>Brassica rapa</i> Rapini; Seven-Top Turnip; Turnip   | 4           | 5748.0    |
| <i>Brassica pekinensis</i> Chinese Cabbage  | 2           | 34.0      |
| <i>Brassica oleracea</i> var. <i>viridis</i> I. Collards; Tall Kale; Cow Cabbage; Spring-Heading Cabbage; Tree Kale   | 3           | 7006.0    |

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|--|-------------|-----------|
| <i>Brassica oleracea</i> var. <i>sabellica</i> I. Curly Kale; Scotch Kale; Kale; Kitchen Kale  | 6           | 22422.0   |
| <i>Brassica oleracea</i> var. <i>italica</i> Sprouting Broccoli; Purple Cauliflower; Heading Broccoli; Winter Broccoli; Broccoli; Cape Broccoli; Asparagus Broccoli; Calabrese | 13          |           |
| <i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts  | 10          | 11444.0   |
| <i>Brassica oleracea</i> var. <i>capitata</i> I. Red Cabbage; Cabbage; White Cabbage   | 11          | 14242.0   |
| <i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower   | 13          | 27950.0   |
| <i>Brassica oleracea</i> Kohlrabi  | 5           | 7782.0    |
| <i>Brassica nigra</i> Black Mustard  | 6           | 14821.74  |
| <i>Brassica napus</i> var. <i>napobrassica</i> Swedish Turnip; Rutabaga; Swede   | 3           | 8836.0    |
| <i>Brassica juncea</i> Mustard Greens  | 1           |           |
| <i>Brassica chinensis</i> Celery Mustard; Chinese Mustard; Celery Cabbage; Pak-Choi; Chinese White Cabbage; Chinese Cabbage; Bok-Choy  | 3           | 20728.0   |
| <i>Bromelia pinguin</i> Wild Pineapple   | 1           | 114.0     |
| <i>Brosimum alicastrum</i> Breadnut; Tamamuri  | 1           |           |
| <i>Brunfelsia uniflorus</i> Manaca   | 2           |           |
| <i>Bryonia alba</i> White Bryony   | 1           |           |
| <i>Bupleurum chinense</i> Chai-Hu  | 2           |           |
| <i>Buxus sempervirens</i> Boxwood  | 2           |           |
| <i>Byrsonima crassifolia</i> Nance   | 2           |           |
| <i>Caesalpinia pulcherrima</i> Bird Of Paradise  | 6           | 20000.0   |
| <i>Cajanus cajan</i> Pigeonpea   | 5           | 54688.0   |
| <i>Calamintha nepeta</i> Turkish Calamint  | 2           |           |
| <i>Calathea macrosepala</i> Chufle   | 1           |           |
| <i>Calathea allouia</i> Lleren; Leren  | 1           |           |
| <i>Calendula officinalis</i> Calendula; Pot-Marigold   | 12          | 484000.0  |
| <i>Callicarpa americana</i> American Beauty Berry; French Mulberry; Beauty Berry   | 1           |           |
| <i>Callitriche stagnalis</i>   | 1           |           |
| <i>Calotropis</i> sp. Giant Milkweed   | 4           | 234000.0  |
| <i>Camellia sinensis</i> Tea   | 19          | 660984.0  |
| <i>Camellia japonica</i> Rose du Japon (Fr.); Camellia; Camelia (Fr., Port.); Kamelie (Ger.); Common Camellia; Camelia (Sp.); Japanese Tea; Tsubaki (Jap.)                     | 2           |           |
| <i>Camptotheca acuminata</i> Happy Tree  | 2           |           |
| <i>Cananga odorata</i> Cananga; Ylang-Ylang  | 1           |           |
| <i>Canarium indicum</i> Manila Elemi; Java-Olive   | 1           | 272420.0  |
| <i>Canavalia ensiformis</i> Jack Bean  | 2           | 256.0     |
| <i>Canna indica</i> Queensland Arrowroot; Achira   | 1           | 26.0      |
| <i>Cannabis sativa</i> Marihuana; Indian Hemp; Hemp; Marijuana   | 3           | 501248.0  |
| <i>Capparis spinosa</i> Caper; Caperbush   | 7           | 5170.0    |
| <i>Capsella bursa-pastoris</i> Shepherd's Purse  | 6           | 20068.0   |
| <i>Capsicum frutescens</i> Hot Pepper; Chili; Red Chili; Tabasco; Spur Pepper; Cayenne   | 15          | 21442.0   |
| <i>Capsicum annum</i> Paprika; Cone Pepper; Green Pepper; Bell Pepper; Cherry Pepper; Sweet Pepper   | 16          | 64106.0   |
| <i>Carica pentagona</i> Babaco; Mountain papaya  | 1           |           |
| <i>Carica papaya</i> Papaya  | 8           | 12459.0   |

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|--|-------------|-----------|
| <i>Carthamus tinctorius</i> Safflower  | 2           | 962798.6  |
| <i>Carum carvi</i> Comino (Sp.); Carum; Kummel (Ger.); Comino de prado (Sp.); Caraway          | 14          | 93540.0   |
| <i>Carya ovata</i> Shagbark Hickory  | 1           | 10000.0   |
| <i>Carya illinoensis</i> Pecan   | 3           | 18.6      |
| <i>Casimiroa edulis</i> Matasano; White sapote   | 3           |           |
| <i>Castanea sativa</i> European Chestnut   | 7           | 478056.0  |
| <i>Castanea mollissima</i> Chinese Chestnut  | 1           | 3608.0    |
| <i>Castanea dentata</i> American Chestnut  | 1           | 3178.0    |
| <i>Catalpa ovata</i> Hsin-Pa-Pi; Kisasage  | 1           |           |
| <i>Catalpa longissima</i> Spanish oak  | 2           |           |
| <i>Catalpa bignonioides</i> Indian bean  | 4           |           |
| <i>Catha edulis</i> Khat   | 2           | 296.0     |
| <i>Catharanthus roseus</i> Rosy Periwinkle; Madagascar Periwinkle                              | 9           |           |
| <i>Caulophyllum thalictroides</i> Blue Cohosh  | 3           | 25.0      |
| <i>Cedrus libani</i> Cedar of Lebanon  | 1           |           |
| <i>Cedrus deodora</i> Deodar Cedar   | 3           | 148930.0  |
| <i>Ceiba pentandra</i> Kapok; Silk-Cotton Tree   | 6           |           |
| <i>Celosia cristata</i> Cockscomb  | 1           |           |
| <i>Centaurea cyanus</i> Bachelor's Button; Cornflower  | 10          |           |
| <i>Centaurea calcitrapa</i> Star-Thistle   | 7           |           |
| <i>Centaurium erythraea</i> Centaury   | 11          |           |
| <i>Centella asiatica</i> Gotu Kola; Pennywort  | 6           | 224.0     |
| <i>Cephaelis ipecacuanha</i> Raicilla; Ipecac  | 1           |           |
| <i>Ceratonia siliqua</i> St.John's-Bread; Locust Bean; Carob                                   | 9           | 39400.0   |
| <i>Chamaelirium luteum</i> Starwort; False Unicorn; Devil's Bit                                | 2           |           |
| <i>Chamaemelum nobile</i> Roman Camomile; Garden Camomile; Perennial Camomile                  | 10          |           |
| <i>Chamaesyce hypericifolia</i> Spurge   | 2           |           |
| <i>Chelidonium majus</i> Celandine   | 1           |           |
| <i>Chenopodium quinoa</i>  | 1           |           |
| <i>Chenopodium ambrosioides</i> Wormseed; Epazote  | 2           | 80.0      |
| <i>Chenopodium album</i> Lambsquarter  | 8           | 30864.0   |
| <i>Chimaphila umbellata</i> Pipsissewa; King's Cure  | 7           | 84225.0   |
| <i>Chondrodendron tomentosum</i> Curare  | 1           |           |
| <i>Chondrus crispus</i> Irish Moss   | 1           | 166.0     |
| <i>Chrysanthemum x morifolium</i> Ju Hua (Pinyin); Chrysanthemum; Florist's Chrysanthemum; Mum | 7           |           |
| <i>Chrysanthemum parthenium</i> Feverfew   | 2           |           |
| <i>Chrysanthemum coronarium</i> Garland Chrysanthemum  | 1           | 414.0     |
| <i>Chrysanthemum cinerariifolium</i> Pyrethrum   | 2           |           |
| <i>Chrysanthemum balsamita</i> Balsamite; Costmary   | 2           |           |
| <i>Chrysophyllum cainito</i> Star Apple; Caimito   | 2           |           |
| <i>Cicer arietinum</i> Chickpea; Garbanzo  | 3           | 64376.0   |
| <i>Cichorium intybus</i> Succory; Chicory; Witloof   | 18          | 26822.0   |

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|--|-------------|-----------|
| <i>Cichorium endivia</i> Escarole; Endive  | 5           | 28790.0   |
| <i>Cimicifuga racemosa</i> Black Snakeroot; Black Cohosh   | 3           | 63.0      |
| <i>Cimicifuga dahurica</i> Sheng Ma  | 2           |           |
| <i>Cinchona</i> spp Quinine  | 2           |           |
| <i>Cinchona pubescens</i> Redbark; Red Cinchona; Quinine; Red Peruvian-Bark  | 4           |           |
| <i>Cinchona officinalis</i> Lojabark; Quinine  | 1           |           |
| <i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon  | 7           | 20352.0   |
| <i>Cinnamomum sieboldii</i> Japanese Cinnamon  | 2           |           |
| <i>Cinnamomum camphora</i> Ho Leaf; Camphor  | 5           | 580.0     |
| <i>Cinnamomum aromaticum</i> Zimtcassie (Ger.); Canelero chino (Sp.); Cannelier de Chine (Fr.); Chinese Cinnamon; China Junk Cassia; Canelle de Cochinchine (Fr.); Cassia Lignea; Chinesischer Zimtbaum (Ger.); Kashia-Keihi (Jap.); Cassia; Chinese Cassia; Cassia Bark; Chinazimt (Ger.); Saigon Cinnamon; Canela de la China (Sp.); Cannelier Casse (Fr.) | 3           |           |
| <i>Cissampelos pareira</i> Pareira; Butua; False Pareira   | 1           |           |
| <i>Cistus ladaniferus</i> Labdanum; Rockrose; Gum Cistus; Ambreine   | 2           | 5460.0    |
| <i>Citrullus lanatus</i> Watermelon  | 6           | 433512.0  |
| <i>Citrullus colocynthis</i> Colocynth   | 7           |           |
| <i>Citrus</i> spp Citrus   | 2           |           |
| <i>Citrus sinensis</i> Orange  | 14          | 220933.0  |
| <i>Citrus reticulata</i> Tangerine; Mandarin   | 7           | 6518.0    |
| <i>Citrus paradisi</i> Grapefruit  | 14          | 4883.0    |
| <i>Citrus meyerii</i> Meyer lemon  | 1           |           |
| <i>Citrus limon</i> Lemon  | 13          | 192.0     |
| <i>Citrus aurantium</i> Bitter Orange; Petitgrain  | 4           | 48.0      |
| <i>Citrus aurantiifolia</i> Lime   | 5           | 6638.0    |
| <i>Clematis vitalba</i> Traveler's Joy   | 3           |           |
| <i>Cleonia lusitanica</i> Spanish Heal-All   | 1           |           |
| <i>Cnicus benedictus</i> Blessed Thistle   | 12          | 291046.2  |
| <i>Cnidoscolus chayamansa</i> Chaya  | 2           | 7610.0    |
| <i>Coccinia grandis</i> Little Gourd; Ivy Gourd; Kundree; Tindora; Tindori; Pepasan; Kanduri   | 3           |           |
| <i>Cocos nucifera</i> Nariyal; Coconut Palm; Copra; Coconut; Cocotero (Sp.); Kokospalme (Ger.)   | 8           | 37408.0   |
| <i>Coffea arabica</i> Coffee   | 10          | 360740.0  |
| <i>Coix lacryma-jobi</i> Job'S-Tears; Adlay; Yi-Yi-Ren; Adlay Millet   | 4           | 96.0      |
| <i>Cola acuminata</i> Abata Cola   | 4           | 5000.0    |
| <i>Colchicum autumnale</i> Autumn Crocus; Meadow Saffron   | 1           | 24600.0   |
| <i>Coleus barbatus</i> Forskohl's Coleus   | 1           |           |
| <i>Collinsonia canadensis</i> Stone Root   | 1           |           |
| <i>Colocasia esculenta</i> Taro  | 3           | 46470.0   |
| <i>Commelina benghalensis</i> Benghal dayflower  | 1           |           |
| <i>Commiphora wightii</i> Indian Bdellium-Tree; Guggul   | 5           |           |
| <i>Commiphora myrrha</i> Mirra (Sp. It.); African Myrrh; Somali Myrrh; Herabol Myrrh; Myrrhe (Fr., Ger.); Myrrh  | 3           |           |
| <i>Conium maculatum</i> Carrot Fern; Spotted Parsley; Fool's Parsley; Poison Hemlock; Spotted Hemlock; Hemlock   | 2           |           |
| <i>Consolida ajacis</i> Larkspur   | 2           |           |
| <i>Convallaria majalis</i> Lily-Of-The-Valley  | 7           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Conyza canadensis</i> Butterweed; Horseweed; Hogweed  | 4           |           |
| <i>Coptis</i> spp Generic Goldthread   | 1           |           |
| <i>Coptis japonica</i> Japanese Goldthread; Huang-Lien; Huang-Lia; Huang-Lian                            | 1           |           |
| <i>Coptis chinensis</i> Chinese Goldthread; Huang-Lien; Huang-Lian                                       | 1           |           |
| <i>Corchorus olitorius</i> Mulukiya; Jew's Mallow; Nalta Jute  | 4           | 214834.0  |
| <i>Coriandrum sativum</i> Cilantro; Coriander; Chinese Parsley   | 16          | 37586.0   |
| <i>Coriaria thymifolia</i> Shanshi; Ground Toot  | 3           |           |
| <i>Coriaria myrtifolia</i> Mealy Tree  | 4           | 400000.0  |
| <i>Coridothymus capitatus</i> Spanish Oregano  | 1           |           |
| <i>Cornus officinalis</i> Chinese Dogwood  | 4           |           |
| <i>Cornus mas</i> Cornelian Cherry; Sorbet   | 7           |           |
| <i>Cornus florida</i> American Dogwood   | 5           | 60000.0   |
| <i>Corylus avellana</i> Hazel; European Filbert; English Filbert; European Hazel; Cobnut                 | 5           | 37808.0   |
| <i>Corylus americana</i> American Filbert; American Hazel  | 2           |           |
| <i>Costus speciosus</i> Wild Ginger; Crepe Ginger; Cane Reed   | 3           |           |
| <i>Crataegus</i> sp.   | 1           |           |
| <i>Crataegus rhipidophylla</i> Hawthorn  | 13          |           |
| <i>Crataegus pentagyna</i> Hawthorn  | 3           |           |
| <i>Crataegus monogyna</i> English Hawthorn; Hawthorn   | 12          |           |
| <i>Crataegus laevigata</i> English Hawthorn; Woodland Hawthorn; Whitethorn; Hawthorn                     | 15          | 28000.0   |
| <i>Crataegus cuneata</i> Hawthorn  | 3           |           |
| <i>Crescentia alata</i> Jicaro   | 1           | 18.0      |
| <i>Crocus sativus</i> Saffron  | 7           |           |
| <i>Croton tiglium</i> Purging Croton   | 1           | 190000.0  |
| <i>Croton lechleri</i> Sangre de Drago; Sangre de Grado; Dragons Blood; Sangre de Dragon                 | 7           |           |
| <i>Croton eluteria</i> Cascarilla  | 4           |           |
| <i>Cryptostegia grandifolia</i> Rubber Vine  | 2           | 59640.0   |
| <i>Cryptotaenia japonica</i> Japanese Honewort; Stone Parsley; Ya Er Qin; Japanese Cryptotaenia; Mitsuba | 3           |           |
| <i>Cucumis sativus</i> Cucumber  | 9           | 1327652.0 |
| <i>Cucumis melo</i> Muskmelon; Cantaloupe; Netted Melon; Persian Melon; Melon; Nutmeg Melon              | 8           | 1945920.0 |
| <i>Cucurbita</i> spp Summer Squash   | 3           | 15990.0   |
| <i>Cucurbita pepo</i> Pumpkin  | 10          | 508537.0  |
| <i>Cucurbita maxima</i> Pumpkin  | 1           | 303500.0  |
| <i>Cucurbita foetidissima</i> Buffalo Gourd  | 2           |           |
| <i>Cuminum cyminum</i> Cumin   | 6           | 98.0      |
| <i>Curcuma zedoaria</i> Zedoary; Shoti   | 2           | 4000.0    |
| <i>Curcuma xanthorrhiza</i> Javan Turmeric; Temu Lawak   | 2           | 40000.0   |
| <i>Curcuma longa</i> Indian Saffron; Turmeric  | 9           | 189910.0  |
| <i>Cuscuta reflexa</i> Amarbel   | 3           |           |
| <i>Cuscuta europaea</i> European dodder  | 1           |           |
| <i>Cyamopsis tetragonoloba</i> Cluster-Bean; Siam-Bean; Guar   | 7           |           |
| <i>Cycas revoluta</i> Sago Cycas   | 1           |           |



| Plant   | # Chemicals | Total PPM          |
|---|-------------|--------------------|
| <i>Cyclanthera pedata</i> Achocha   | 1           | 150.0              |
| <i>Cydonia oblonga</i> Quince   | 5           | 44.0               |
| <i>Cymbopogon winterianus</i> Mahapengiri; Java Citronella                                    | 1           | 466.0              |
| <i>Cymbopogon parkeri</i> Skhabar   | 1           |                    |
| <i>Cymbopogon flexuosus</i> East Indian Lemongrass  | 2           | 3000.0             |
| <i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass                                 | 4           |                    |
| <i>Cynara cardunculus</i> Artichoke   | 14          | 7574.0             |
| <i>Cyperus rotundus</i> Nutsedge  | 3           | 32400.0            |
| <i>Cyphomandra betacea</i> Tamarillo; Tree Tomato   | 2           | 170.0              |
| <i>Cypripedium pubescens</i> Ladyslipper  | 1           |                    |
| <i>Cyrtosperma chamissonis</i> Swamp Taro   | 1           | 44.0               |
| <i>Cytisus scoparius</i> Scotch Broom   | 7           | 61920.0            |
| <i>Daemonorops draco</i> Dragon's Blood   | 1           |                    |
| <i>Daphne mezereum</i> Spurge Laurel; Spurge Olive  | 1           |                    |
| <i>Daphne genkwa</i> Yuan Hua   | 2           |                    |
| <i>Datura stramonium</i> Jimsonweed   | 8           | 230000.0           |
| <i>Datura innoxia</i> Thorn Apple   | 1           |                    |
| <i>Daucus carota</i> Carrot   | 24          | 137215.60000000003 |
| <i>Dendrobium nobile</i> Noble Dendrobium   | 1           |                    |
| <i>Dianthus caryophyllus</i> Carnation; Clove Pink; Nelke (Ger.); Clavel (Sp.); Oeillet (Fr.) | 1           |                    |
| <i>Dictamnus albus</i> Dittany; Gas Plant; Gazelotu; Burning Bush; Akgiritotu                 | 4           |                    |
| <i>Digitalis purpurea</i> Purple Foxglove   | 6           |                    |
| <i>Digitalis lanata</i> Grecian Foxglove  | 2           | 2000.0             |
| <i>Dioscorea villosa</i> Wild Yam   | 3           |                    |
| <i>Dioscorea</i> sp. Wild Yam   | 2           |                    |
| <i>Dioscorea pentaphylla</i> Mountain Yam   | 3           | 6098.0             |
| <i>Dioscorea composita</i> Barbasco   | 1           |                    |
| <i>Dioscorea bulbifera</i> Air Potato; Potato Yam   | 2           | 9000.0             |
| <i>Dioscorea alata</i> Greater Yam; Winged Yam  | 2           | 34.0               |
| <i>Diospyros virginiana</i> American Persimmon  | 3           |                    |
| <i>Diospyros digyna</i> Black Sapote; Sapote Negro  | 1           |                    |
| <i>Dipsacus fullonum</i>  | 5           |                    |
| <i>Dipteryx odorata</i> Tonka Bean; Dutch Tonka Bean  | 2           | 7700.0             |
| <i>Dodonaea viscosa</i> Hopwood   | 9           | 452540.0           |
| <i>Drimys winteri</i> Winter's Bark   | 3           |                    |
| <i>Duboisia myoporoides</i> Pituri; Corkwood Tree   | 2           |                    |
| <i>Duchesnea indica</i> Indian Strawberry; Mock Strawberry; False Strawberry                  | 4           |                    |
| <i>Durio zibethinus</i> Durian  | 1           |                    |
| <i>Echinacea</i> spp Echinacea; Coneflower  | 12          | 85.0               |
| <i>Echinacea purpurea</i> Eastern Purple-Coneflower; Echinacea; Purple-Coneflower             | 6           |                    |
| <i>Echinacea pallida</i> Pale-Flower Echinacea; Echinacea; Pale Purple-Coneflower             | 3           |                    |
| <i>Echinacea angustifolia</i> Echinacea; Narrow Leaf Purple-Coneflower; Narrow Leaf Echinacea | 10          |                    |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Elaeagnus umbellatus</i> Russian Olive  | 2           |           |
| <i>Elaeagnus pungens</i> Thorny Silver Berry   | 3           |           |
| <i>Elaeagnus commutata</i> Silver Berry  | 1           |           |
| <i>Elaeagnus angustifolia</i> Silver Berry; Russian Olive  | 10          |           |
| <i>Elaeis guineensis</i> African Oil Palm  | 2           |           |
| <i>Eleocharis dulcis</i> Water chestnut  | 1           |           |
| <i>Elettaria cardamomum</i> Cardamom   | 6           | 37024.0   |
| <i>Eleutherococcus senticosus</i> Wu jia; Spiny Ginseng; Ci wu jia (Pinyin); Siberian Ginseng; Eleuthero Ginseng   | 9           |           |
| <i>Elsholtzia polystachya</i> Bush Mint  | 1           |           |
| <i>Elsholtzia densa</i>  | 1           |           |
| <i>Elsholtzia blanda</i> Bantaluki; Bantulsi   | 2           |           |
| <i>Ephedra sinica</i> Ma Huang; Chinese Ephedra  | 6           | 180.0     |
| <i>Ephedra nevadensis</i> Brigham Tea; Mormon Tea  | 1           |           |
| <i>Ephedra gerardiana</i> Pakistani Ephedra  | 2           |           |
| <i>Equisetum hyemale</i> Scouring Rush; Horsetail  | 2           |           |
| <i>Equisetum arvense</i> Field Horsetail; Horsetail  | 12          | 931.0     |
| <i>Eriobotrya japonica</i> Loquat  | 11          | 50.0      |
| <i>Eriodictyon californicum</i> California Yerba Santa; Gum Bush; Hierba Santa; Holy Herb; Bear's Weed; Mountain Balm; Consumptive's Weed; Yerba Santa; Tarweed  | 5           |           |
| <i>Eruca sativa</i> Jambeho (Sind.; KAB); Rabano silvestre (It.; Port.); Eruca (Malta; KAB); Suffed shorshi (Bengal; DEP); Rajjika (Sansk.; KAB); Roquette vraie (Fr.; BOU); Lamba (India; USN); Sfed sarson (Hindi; MPI); Dua (Kumaon; DEP); Garden Rocket (Eng.; USN); Izgin (Turkey; EB54:155); Arugula (Eng.; FAC; USN); Gargir (Arab.; Hebrew; BOU); Olrauke (Ger.; USN); Duan (Nwp.; KAB); Kadambaka (Sansk.; KAB); Lalu (Nwp.; KAB); Achnef (Berber; BOU); Ackerrauke (Ger.; MAD); Grahagna (Sansk.; KAB); Taramira (India; Nwp.); Jamba (India); Bimbata (Sansk.; KAB); Sidhaprayojana (Sansk.; KAB); Kibana suzushiro (Jap.; TAN); Ruke (Ger.; USN); Ugragandha (Sansk.; KAB); Piao erh ts'ai (Chi.; TAN); Oruga comun (Sp.; USN); Tira (Nwp.; DEP; KAB); Rugula (Eng.; USN); Salad Rocket (Eng.; USN); Kerkas (Arab.; BOU); Tantubha (Sansk.; KAB); Jamnia (Punjab; DEP); Euzomon (Greece; EB54:155); Horf (Arab.; BOU); Ruca (Catalan; KAB); Roquette (Eng.; Fr.; BOU); Chara (Kumaon; DEP); Oroth (Bible; EB52:394); Assu (Punjab; SKJ); Roquette cultivee (Fr.; KAB); Roquette des jardins (Fr.;KAB); Djerdjir (Arab.; BOU); Jambho (Sind.; DEP); Rakshitaphala (Sansk.; KAB); Tantuka (Sansk.; KAB); Siddartha (Sansk.; DEP; SKJ); Shwetsursha (Bengal; SKJ); Thorfel (Berber; BOU); Rucheta (Malta; KAB); Sarshapa (Sansk.; KAB); Roqueta (Sp.; USN); Ai'sha (Arab.; BOU); Rouka (Arab.; BOU); Bhutaghna (Sansk.; SKJ); Kadamba (Sansk.; KAB); Shiltam (Arab.; BOU); Tuverika (Sansk.; KAB); Gery (Arab.; BOU); Jambeh (Iran; DEP; KAB); Rocket (Eng.; BOU); Ai'afein (Arab.; BOU); Rocket Salad (Eng.; USN); Daradharsha (Sansk.; KAB); Rajakshavaka (Sansk.; KAB); Sarishapa (Sansk.; KAB); Mulai (Loralai; KAB); Rucola (It.; Malta; Sp.); Baglet (Arab.; BOU); Tara (Nwp.; Punjab; KAB; SKJ); Eihukan (Iran; NAD); Sidharta (Sansk.; KAB); Senfrauke (Ger.; USN); Tanakfail (Berber; BOU); Rawk (Arab.; BOU); Aruca (Malta; KAB); Bou kahli (Arab.; BOU); Mandao (Afg.; DEP; KAB); Sahwan (Nwp.; KAB) | 3           |           |
| <i>Eryngium floridanum</i> Florida Eryngium  | 1           | 140.0     |
| <i>Erythrina fusca</i> Gallito; Coral Bean   | 1           | 130.0     |
| <i>Erythrina crista-galli</i> Cockspur Coral Tree  | 1           | 63120.0   |
| <i>Erythrina berteroaana</i> Pito  | 1           | 150.0     |
| <i>Erythroxyllum novogranatense</i> Coca   | 1           | 10000.0   |
| <i>Erythroxyllum coca</i> Coca   | 6           | 10122.0   |
| <i>Eschscholzia californica</i> California Poppy   | 3           | 55000.0   |
| <i>Eucalyptus wandoo</i>   | 1           |           |
| <i>Eucalyptus viridis</i>  | 2           |           |
| <i>Eucalyptus tetraptera</i>   | 1           |           |
| <i>Eucalyptus tereticornis</i>   | 1           |           |
| <i>Eucalyptus stoatei</i>  | 1           |           |
| <i>Eucalyptus sparsa</i>   | 2           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| Eucalyptus sp <b>Gum</b>  |             | 1         |
| Eucalyptus sideroxylon  |             | 1         |
| Eucalyptus siderophloia   |             | 1         |
| Eucalyptus saligna  |             | 1         |
| Eucalyptus rostratus <b>Gum</b>   |             | 1         |
| Eucalyptus punctata   |             | 1         |
| Eucalyptus porosa   |             | 2         |
| Eucalyptus populnea   |             | 2         |
| Eucalyptus polyanthemos   |             | 1         |
| Eucalyptus paniculata   |             | 1         |
| Eucalyptus oviformis  |             | 1         |
| Eucalyptus odorata  |             | 2         |
| Eucalyptus ochrophloia  |             | 2         |
| Eucalyptus occidentalis   |             | 1         |
| Eucalyptus nova-anglica <b>New England 'peppermint'</b>   |             | 1         |
| Eucalyptus moluccana  |             | 1         |
| Eucalyptus melliodora   |             | 1         |
| Eucalyptus melanophloia   |             | 2         |
| Eucalyptus maideni  |             | 1         |
| Eucalyptus maculata <b>Gum</b>  |             | 1         |
| Eucalyptus macrorrhuncha  |             | 1         |
| Eucalyptus leucoxylon   |             | 2         |
| Eucalyptus largisparsa  |             | 2         |
| Eucalyptus lansdowneana   |             | 2         |
| Eucalyptus intertexta   |             | 2         |
| Eucalyptus incrassata   |             | 1         |
| Eucalyptus grandis <b>Flooded Gum; Gum; Rose Gum</b>  |             | 1         |
| Eucalyptus globulus <b>Blue Gum; Eucalypt; Tasmanian Bluegum</b>                                  |             | 20        |
| Eucalyptus forrestiana  |             | 1         |
| Eucalyptus fasciculosa  |             | 2         |
| Eucalyptus erythrandra  |             | 1         |
| Eucalyptus dolichorhyncha   |             | 1         |
| Eucalyptus diversicolor   |             | 1         |
| Eucalyptus desquamata   |             | 2         |
| Eucalyptus dealbata   |             | 1         |
| Eucalyptus cuprea   |             | 2         |
| Eucalyptus cornea   |             | 1         |
| Eucalyptus cladocalyx   |             | 1         |
| Eucalyptus citriodora <b>Citron-Scented Gum; Spotted Gum; Lemon-Scented Gum; Lemon Eucalyptus</b> |             | 8         |
| Eucalyptus ceratocorys  |             | 1         |
| Eucalyptus camaldulensis  |             | 1         |
| Eucalyptus bridgesiana <b>Bridges' Eucalyptus</b>   |             | 1         |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Eucalyptus brassiana</i> Brasses' Eucalyptus   | 3           |           |
| <i>Eucalyptus botryoides</i>  | 1           |           |
| <i>Eucalyptus bosistoana</i>  | 1           |           |
| <i>Eucalyptus blakelyi</i>  | 1           |           |
| <i>Eucalyptus behriana</i>  | 2           |           |
| <i>Eucalyptus astringens</i>  | 1           |           |
| <i>Eucalyptus angulosa</i>  | 1           |           |
| <i>Eucalyptus albens</i>  | 1           |           |
| <i>Eucommia ulmoides</i> Tu Chung; Du Zhong; Gutta-Percha Tree  | 5           |           |
| <i>Eugenia uniflora</i> Pitanga; Surinam Cherry   | 1           |           |
| <i>Eugenia floribunda</i> Black rumberry; Camu-camu arbol; Camu-camu negro  | 1           |           |
| <i>Eugenia brasiliensis</i> Grumichama; Brazil Cherry   | 1           |           |
| <i>Euonymus atropurpureus</i> Wahoo; Burning Bush   | 2           |           |
| <i>Eupatorium triplinerve</i> Triplinerved eupatorium   | 1           |           |
| <i>Eupatorium perfoliatum</i> Boneset   | 6           |           |
| <i>Eupatorium odoratum</i> Jack na bush   | 3           |           |
| <i>Euphorbia tirucalli</i> Aveloz   | 2           |           |
| <i>Euphorbia pulcherrima</i> Poinsettia   | 5           |           |
| <i>Euphorbia lathyris</i> Caper Spurge; Mole Plant  | 4           |           |
| <i>Euphorbia hirta</i> Queensland Asthma Herb   | 12          |           |
| <i>Euphrasia officinalis</i> Eyebright  | 13          | 674.0     |
| <i>Fagopyrum esculentum</i> Buckwheat   | 16          | 484988.0  |
| <i>Fallopia japonica</i> Mexican Bamboo; Japanese Knotweed; Giant Knotweed; Hu-Zhang  | 6           | 740000.0  |
| <i>Ferula sumbul</i> Sumbul   | 1           |           |
| <i>Ferula gummosa</i> Galbanum  | 2           |           |
| <i>Ferula assa-foetida</i> Asafetida (Sp.); test; Stinkasant (Ger.); Assa-foetida; Asafoetida; Asafetida; Devil's Dung                                | 3           |           |
| <i>Ficus carica</i> Figueira (Port.); Higuera Comun (Sp.); Echte Feige (Ger.); Fico (Ital.); Higo (Sp.); Fig; Feigenbaum (Ger.); Figuier Commun (Fr.) | 17          | 239724.0  |
| <i>Filipendula ulmaria</i> Queen Of The Meadow; Meadowsweet   | 5           |           |
| <i>Foeniculum vulgare</i> Fennel  | 18          | 43956.0   |
| <i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao   | 4           | 2000.0    |
| <i>Fragaria spp</i> Strawberry  | 14          | 460024.0  |
| <i>Frangula purshiana</i> Cascara Sagrada; Cascara Buckthorn  | 3           | 58.0      |
| <i>Frangula alnus</i> Buckthorn   | 4           | 400.0     |
| <i>Fraxinus rhynchophylla</i> Chinese Ash   | 1           |           |
| <i>Fraxinus ornus</i> Ash   | 1           |           |
| <i>Fritillaria thunbergii</i> Bei-Mu; Fritillary  | 1           |           |
| <i>Fucus vesiculosus</i> Kelp; Bladderwrack   | 4           | 94.0      |
| <i>Galega officinalis</i> Galega; Goat's Rue  | 3           |           |
| <i>Galium odoratum</i> Woodruff; Waldmeister  | 1           |           |
| <i>Ganoderma lucidum</i> Reishi; Ling Zhi   | 4           |           |
| <i>Garcinia mangostana</i> Mangosteen; Mangostin  | 1           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Gardenia jasminoides</i> Shan-Zhi-Zi; Shan-Chih-Tzu; Gardenia; Jasmin; Cape Jasmine; Zhi Zi                          | 4           |           |
| <i>Gaultheria procumbens</i> Mountain Tea; Wintergrun (Ger.); Teaberry; Wintergreen; Creeping Wintergreen; Checkerberry | 8           |           |
| <i>Gaultheria fragrantissima</i> Indian Wintergreen   | 3           |           |
| <i>Gelsemium sempervirens</i> Yellow Jessamine  | 2           |           |
| <i>Genipa americana</i> Genipap; Jagua  | 3           | 30.0      |
| <i>Genista tinctoria</i> Dyer's Broom   | 1           |           |
| <i>Gentiana scabra</i> Japanese Gentian   | 1           |           |
| <i>Gentiana lutea</i> Gentian; Yellow Gentian   | 7           | 3922.0    |
| <i>Geranium thunbergii</i> Oriental Geranium; Gennoshiouko  | 7           | 500000.0  |
| <i>Geranium maculatum</i> Cranesbill  | 1           |           |
| <i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree  | 16          | 28792.0   |
| <i>Glechoma hederacea</i> Alehoof   | 14          | 1394.0    |
| <i>Gleditsia triacanthos</i> Honey Locust   | 2           |           |
| <i>Glehnia littoralis</i> Bei Sha Shen  | 3           |           |
| <i>Gliricidia sepium</i> Mata Raton   | 1           | 216.0     |
| <i>Gloriosa superba</i> Glory Lily  | 2           |           |
| <i>Glycine max</i> Soybean  | 20          | 317518.29 |
| <i>Glycyrrhiza uralensis</i> Kan-Tsao; Gan-Cao; Chinese Licorice  | 8           |           |
| <i>Glycyrrhiza glabra</i> Licorice; Commom Licorice; Smooth Licorice; Licorice-Root                                     | 17          | 1197542.0 |
| <i>Gossypium</i> sp Cotton  | 11          | 244168.0  |
| <i>Guaiacum</i> sp. Guaiac  | 1           |           |
| <i>Guarea rusbyi</i> Cocillana  | 3           |           |
| <i>Guazuma ulmifolia</i> Bay Cedar  | 1           |           |
| <i>Guazuma tomentosa</i>  | 3           |           |
| <i>Gymnema sylvestre</i> Gymnema; Miracle Fruit   | 3           |           |
| <i>Haematoxylum campechianum</i> Campechy; Logwood  | 2           |           |
| <i>Hamamelis virginiana</i> Witch Hazel   | 4           | 112800.0  |
| <i>Hamelia patens</i> Scarlet Bush  | 1           | 300000.0  |
| <i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant   | 9           |           |
| <i>Hedeoma reverchonii</i> Reverchon's Pennyroyal   | 1           | 5056.0    |
| <i>Hedeoma pulegioides</i> American Pennyroyal  | 1           |           |
| <i>Hedeoma hispida</i> Hispid Pennyroyal  | 1           | 428.0     |
| <i>Hedeoma drummondii</i> Drummond's Pennyroyal   | 1           | 7600.0    |
| <i>Hedera helix</i> Ivy   | 4           | 91260.0   |
| <i>Heimia salicifolia</i> Sinicuichi  | 1           |           |
| <i>Helianthemum glomeratum</i>  | 2           |           |
| <i>Helianthus tuberosus</i> Jerusalem Artichoke   | 4           | 1844.0    |
| <i>Helianthus annuus</i> Sunflower; Girasol   | 17          | 876930.0  |
| <i>Helichrysum angustifolium</i> Immortelle; Everlasting  | 4           |           |
| <i>Heliotropium indicus</i> Indian Heliotrope   | 1           |           |
| <i>Hemidesmus indicus</i> Indian Sarsaparilla   | 5           |           |
| <i>Heracleum sphondylium</i> Cow Parsnip; Hogweed; Meadow Parsnip   | 1           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Heracleum laciniatum</i> Lacinate Cow-parsnip  | 1           |           |
| <i>Hibiscus syriacus</i> Hachisu (Jap.); Shrub Althaea; Rose Of Sharon; Mukuge (Jap.)   | 1           |           |
| <i>Hibiscus sabdariffa</i> Sorrel; Red Sorrel; Jamaica Sorrel; Acedera de Guinea (Sp.); Malventee (Ger.); Rosella (Ger.); Sereni (Sp.); Roselle; Indian Sorrel; Kharkadi; Rosa de Jamaica (Sp.) | 7           | 347.0     |
| <i>Hibiscus rosa-sinensis</i> Shoe-flower; Chinese hibiscus   | 2           |           |
| <i>Hierochloa odorata</i> Seneca Grass; Sweet Grass; Manna Grass; Vanilla-Scented Grass; Vanilla Grass; Holy Grass  | 1           |           |
| <i>Hippophae rhamnoides</i> Sea Buckthorn; Sallow Thorn; Yellow Spine   | 7           |           |
| <i>Hippuris vulgare</i>   | 1           |           |
| <i>Holarrhena pubescens</i> Zhi Xie Mu; Kurchi; Tellicherry Bark; Conessi   | 6           | 351000.0  |
| <i>Hordeum vulgare</i> Barleygrass; Barley  | 16          | 60131.6   |
| <i>Houttuynia cordata</i> Yu Xing Cao; Dokudami; Fishwort   | 8           |           |
| <i>Humulus lupulus</i> Hops   | 14          | 4990.0    |
| <i>Huperzia</i> spp Cutleaf Clubmoss  | 1           |           |
| <i>Hura crepitans</i> Sandbox Tree  | 2           |           |
| <i>Hyacinthus orientalis</i> Hyacinth   | 1           | 9.2       |
| <i>Hydnocarpus wightiana</i> Hindi Chaulmoogra  | 1           |           |
| <i>Hydnocarpus kurzii</i> True Chaulmoogra  | 1           |           |
| <i>Hydrangea paniculata</i> Peegee  | 1           | 82000.0   |
| <i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea  | 4           |           |
| <i>Hydrastis canadensis</i> Goldenseal  | 2           | 124.0     |
| <i>Hylocereus undatus</i> Strawberry Pear; Belle-of-the-Night; Queen-of-the-Night; Nopalito De Noche; Night-Blooming Cereus   | 2           |           |
| <i>Hylocereus guatemalensis</i> Nopalito De Guatemala; Guatemala Cereus   | 1           |           |
| <i>Hyoscyamus niger</i> Henbane   | 5           | 438792.0  |
| <i>Hypericum perforatum</i> Goatweed; Hypericum; St. John's-wort; Klamath Weed; Common St. Johnswort  | 18          |           |
| <i>Hyptis suaveolens</i> Wild Hops  | 1           |           |
| <i>Hyptis capitata</i> Knobweed   | 1           |           |
| <i>Hyssopus officinalis</i> Hyssop  | 9           | 181742.0  |
| <i>Ilex paraguariensis</i> Paraguay Tea; South American Holly; Mate   | 6           | 320000.0  |
| <i>Illicium verum</i> Star Anise; Chinese Star Anise; anis de China (Sp.); Sternanis (Ger.); Chinesischer Sternanis (Ger.); anis estrellado (Sp.)   | 4           |           |
| <i>Inga edulis</i> Icecream Bean; Guaba   | 1           |           |
| <i>Inonotus obliquus</i>  | 1           |           |
| <i>Inula helenium</i> Elecampane  | 4           |           |
| <i>Ipomoea purga</i> Jalap  | 2           | 80000.0   |
| <i>Ipomoea batatas</i> Sweet Potato   | 7           | 11624.0   |
| <i>Ipomoea aquatica</i> Water Spinach; Swamp Cabbage  | 3           | 14290.0   |
| <i>Iris x germanica</i> Orris   | 6           |           |
| <i>Iris versicolor</i> Blue Flag  | 1           |           |
| <i>Isatis tinctoria</i> Dyer's Woad   | 3           | 145920.0  |
| <i>Jasminum officinale</i> Jasmine; Poet's Jessamine  | 1           | 20.0      |
| <i>Jateorhiza palmata</i> Calumba Root  | 2           |           |
| <i>Jatropha gossypifolia</i> Spanish Physic Nut   | 2           |           |
| <i>Jatropha curcas</i> Physic Nut; Purgin Nut   | 5           | 698480.0  |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Juglans regia</i> English Walnut   | 17          | 2784842.0 |
| <i>Juglans nigra</i> Black Walnut   | 10          | 294014.0  |
| <i>Juglans cinerea</i> Butternut  | 3           | 710490.0  |
| <i>Juncus effusus</i> Rush  | 2           |           |
| <i>Juniperus virginiana</i> Red Cedar   | 2           | 172000.0  |
| <i>Juniperus sabina</i> Sabine  | 1           |           |
| <i>Juniperus macropoda</i> Himalayan Juniper; Indian Juniper                      | 1           |           |
| <i>Juniperus communis</i> Juniper; Common Juniper                                 | 15          | 100024.0  |
| <i>Justicia pectoralis</i> Angel Of Death; Bolek Hena; Curia                      | 2           | 330.0     |
| <i>Justicia gendarussa</i> Gandarussa   | 1           |           |
| <i>Justicia adhatoda</i> Malabar Nut  | 3           | 63400.0   |
| <i>Kaempferia galanga</i> Maraba; Galanga   | 1           |           |
| <i>Kalanchoe spathulata</i> Beach Bells   | 2           |           |
| <i>Kalanchoe pinnata</i> Air Plant; Siempre Viva                                  | 7           |           |
| <i>Kalmia latifolia</i> Mountain Laurel; Calico Bush; Spoonwood                   | 1           |           |
| <i>Krameria triandra</i> Rhatany  | 2           |           |
| <i>Lablab purpureus</i> Bonavist Bean; Lablab Bean; Hyacinth Bean                 | 3           | 4549.74   |
| <i>Lactuca virosa</i> Bitter Lettuce  | 3           |           |
| <i>Lactuca scariola</i> Prickly Lettuce   | 3           | 408320.0  |
| <i>Lactuca sativa</i> Lettuce   | 9           | 21134.0   |
| <i>Lagenaria siceraria</i> Calabash Gourd; White-Flowered Gourd                   | 4           | 711414.0  |
| <i>Lagerstroemia indica</i> Crape Myrtle  | 2           |           |
| <i>Lagochilus inebrians</i> Intoxicating Mint                                     | 1           | 80000.0   |
| <i>Lantana camara</i> Wild Sage; Lantana  | 4           |           |
| <i>Larrea tridentata</i> Chaparral; Creosote Bush                                 | 2           |           |
| <i>Laurus nobilis</i> Sweet Bay; Laurel; Bay Laurel; Bay; Grecian Laurel; Bayleaf | 12          | 2670.0    |
| <i>Lavandula x intermedia</i> Lavandin; Dutch Lavender                            | 2           | 660.0     |
| <i>Lavandula x hybrida</i> Hybrid Lavender  | 1           |           |
| <i>Lavandula latifolia</i> Spike Lavender; Aspic; Broad-Leaved Lavender           | 4           | 87336.0   |
| <i>Lavandula angustifolia</i> English Lavender                                    | 5           | 268500.0  |
| <i>Lawsonia inermis</i> Jamaica-Mignonette; Mignonette Tree; Henna; Mignonette    | 7           | 71640.0   |
| <i>Ledum palustre</i> Marsh Tea; Wild Rosemary                                    | 2           |           |
| <i>Lens culinaris</i> Lentil  | 6           | 31610.0   |
| <i>Lentinus edodes</i> Shiitake   | 2           |           |
| <i>Leonotis nepetaefolia</i> Catnipleaf Lion's-Ear                                | 1           | 90440.0   |
| <i>Leonotis leonurus</i> Lion's Ear   | 1           |           |
| <i>Leonurus cardiaca</i> Motherwort   | 8           | 180000.0  |
| <i>Lepidium sativum</i> Garden Cress  | 3           | 28870.0   |
| <i>Lepidium meyenii</i> Peruvian Ginseng; Maca                                    | 5           |           |
| <i>Leptospermum scoparium</i> Manuka; Broom Teatree                               | 2           |           |
| <i>Levisticum officinale</i> Lovage   | 6           | 52.0      |
| <i>Licania platypus</i> Sansapote   | 1           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Ligustrum vulgare</i> Common Privet  | 1           | 970000.0  |
| <i>Ligustrum lucidum</i> Glossy Privet; White Waxtree; Privet; Chinese Privet; <i>Ligustri Fructus</i>  | 6           |           |
| <i>Ligustrum japonicum</i> Japanese Privet; <i>Ligustri Fructus</i>   | 10          |           |
| <i>Limonia acidissima</i> Manzana De Elefante; Wood-Apple; Elephant Apple   | 1           |           |
| <i>Lindera benzoin</i> Wild Allspice; Spicebush; Fieberstrauch (Ger.); Benjamin Bush  | 2           |           |
| <i>Linum usitatissimum</i> Flax; Linseed  | 10          | 220083.9  |
| <i>Lippia javanica</i> Umsuzwane (Zulu); Lemon Bush   | 1           |           |
| <i>Lippia graveolens</i> Oregano  | 1           | 620.0     |
| <i>Lippia dulcis</i> Sweet Herb   | 1           |           |
| <i>Liquidambar styraciflua</i> American Styrax; Sweetgum  | 5           |           |
| <i>Liquidambar orientalis</i> Oriental Styrax; Oriental Storax  | 3           |           |
| <i>Lobelia inflata</i> Lobelia; Indian Tobacco  | 2           | 66.0      |
| <i>Lonicera japonica</i> Japanese Honeysuckle   | 5           | 880000.0  |
| <i>Lophophora williamsii</i> Peyote   | 1           |           |
| <i>Ludwigia perennis</i> Perennial Ludwigia   | 1           |           |
| <i>Ludwigia adscendens</i> Ascending Ludwigia   | 1           |           |
| <i>Luffa aegyptiaca</i> Luffa; Vegetable Sponge; Smooth Loofah  | 4           | 462140.0  |
| <i>Lupinus mutabilis</i> Andean Lupine; Chocho; Tarhui  | 1           | 114.0     |
| <i>Lupinus albus</i> White Lupine   | 4           | 50298.0   |
| <i>Lycium chinense</i> Chinese Wolfberry; Gou Qi (Chin.); Daun Koki (Indones.); Spina Santa Cinese (Ital.); Lyciet de Chine (Fr.); Kaukichai (Malays.); Wolfberry; Chinese Boxthorn; Chinese Matrimony Vine; Kuko (Jap.); Chinesischer Bocksdorn (Ger.) | 12          | 2154.0    |
| <i>Lycium chilense</i> Chilean Wolfberry  | 2           |           |
| <i>Lycium barbarum</i> Duke of Argyll's Eta Tree; Ning Xia Gou Qi (Chin.); Barbary Matrimony Vine; Common Matrimony Vine; Matrimony Vine  | 5           |           |
| <i>Lycopersicon esculentum</i> Tomato   | 17          | 78682.0   |
| <i>Lycopodium selago</i> Clubmoss   | 2           |           |
| <i>Lycopodium lucidulum</i> Shining Clubmoss  | 1           |           |
| <i>Lycopodium clavatum</i> Clubmoss; Antler Herb  | 4           |           |
| <i>Lycopus virginicus</i> Bugle   | 5           |           |
| <i>Lycopus europeus</i> European Bugle  | 5           |           |
| <i>Lythrum salicaria</i> Purple Loosestrife   | 4           | 894000.0  |
| <i>Macadamia spp</i> Macadamia  | 3           | 31394.0   |
| <i>Maclura pomifera</i> Hedge Apple; Osage-Orange   | 8           |           |
| <i>Magnolia officinalis</i> Hou Pu; Magnolia-Bark; Chinese Magnolia   | 3           |           |
| <i>Magnolia kobus</i> Xin-Yi; Hsin-I  | 6           | 1000.0    |
| <i>Magnolia denudata</i> Xin-Yi; Hsin-I   | 4           |           |
| <i>Mahonia repens</i> Creeping Barberry; Oregon Barberry; Oregon Grape-Holly; Oregon Grape  | 1           |           |
| <i>Mahonia aquifolium</i> Blue Barberry; Oregon Grape; Holly Barberry; Holly Mahonia; Mountain Grape  | 1           |           |
| <i>Malpighia glabra</i> Acerola   | 1           | 94.0      |
| <i>Malus domestica</i> Apple  | 16          | 3518.0    |
| <i>Malva sylvestris</i> High Mallow   | 1           | 120.0     |
| <i>Malva parviflora</i> Cheeseweed  | 1           | 18.0      |



| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Malva neglecta</i> Common Mallow; Cheeses   | 2           |           |
| <i>Mammea americana</i> Mamey  | 1           |           |
| <i>Mandragora officinarum</i> Mandrake   | 1           |           |
| <i>Mangifera indica</i> Mango  | 7           | 485156.0  |
| <i>Manihot esculenta</i> Tapioca; Cassava; Yuca  | 3           | 4688.0    |
| <i>Manilkara zapota</i> Sapodilla  | 2           |           |
| <i>Maranta arundinacea</i> Arrowroot; Bermuda Arrowroot  | 3           | 32.0      |
| <i>Marrubium vulgare</i> White Horehound; Horehound  | 9           | 166800.0  |
| <i>Marsdenia reichenbachii</i> Condurango  | 1           |           |
| <i>Matricaria recutita</i> German Camomile; Wild Camomile; Annual Camomile                             | 16          |           |
| <i>Mauritia flexuosa</i> Buruti; Morichi palm; Aguaje  | 1           |           |
| <i>Medicago sativa</i> Lucerne; Alfalfa  | 19          | 56194.0   |
| <i>Melaleuca viridiflora</i> Broad-Leaf Tea-Tree; Niaouli  | 1           |           |
| <i>Melaleuca leucadendra</i> Cajeput   | 4           |           |
| <i>Melaleuca bracteata</i> Bracteate Tea-Tree  | 1           |           |
| <i>Melampyrum arvense</i>  | 1           |           |
| <i>Melia azedarach</i> Chinaberry  | 13          | 520000.0  |
| <i>Melicoccus bijugatas</i> Genip; Pitomba; Mamoncillo; Honey berry                                    | 3           |           |
| <i>Melilotus officinalis</i> Yellow Sweetclover  | 7           |           |
| <i>Melilotus indica</i> Small-Flowered Melilot   | 1           |           |
| <i>Melissa officinalis</i> Lemonbalm; Melissa; Bee Balm; Balm  | 6           |           |
| <i>Mentha x rotundifolia</i> Applemint   | 5           |           |
| <i>Mentha x piperita</i> Peppermint  | 11          | 228.0     |
| <i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint  | 9           | 89.0      |
| <i>Mentha pulegium</i> European Pennyroyal   | 2           | 80640.0   |
| <i>Mentha longifolia</i> Biblical Mint   | 2           | 2500.0    |
| <i>Mentha arvensis</i> var. <i>piperascens</i> Japanese Mint; Cornmint; Field Mint                     | 2           |           |
| <i>Mentha aquatica</i> Water Mint  | 4           | 148000.0  |
| <i>Menyanthes trifoliata</i> Marsh Trefoil; Marsh Clover; Buckbean; Bog Myrtle; Water Trefoil; Bogbean | 13          | 60000.0   |
| <i>Mercurialis annua</i> Annual Mercury  | 3           | 67000.0   |
| <i>Micromeria varia</i> Madeiran 'Hyssop'  | 1           |           |
| <i>Micromeria teneriffae</i>   | 1           |           |
| <i>Micromeria myrtifolia</i> Haydarotu; Topukcayi; Dagcayi   | 1           |           |
| <i>Micromeria fruticosa</i> Tasnanesi  | 2           |           |
| <i>Micromeria croatica</i>   | 1           |           |
| <i>Micromeria congesta</i> Kaya Yarpuzu  | 1           |           |
| <i>Mimosa pudica</i> Sensitive Plant   | 2           | 373400.0  |
| <i>Mimulus glabratus</i> Huaca-Mullo   | 1           | 184.0     |
| <i>Mirabilis jalapa</i> Four-o'clock   | 2           |           |
| <i>Mitchella repens</i> Partridge-berry; Squawvine   | 4           |           |
| <i>Momordica charantia</i> Bitter Melon; Sorosi  | 6           | 76690.0   |
| <i>Monarda punctata</i> Horsemint  | 1           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| Monarda didyma Beebalm; Oswego Tea  | 4           | 164.0     |
| Monarda citriodora Lemon Mint   | 1           |           |
| Morinda citrifolia Noni; Indian Mulberry  | 8           | 642.0     |
| Moringa oleifera Benzolive Tree; West Indian Ben; Drumstick Tree; Horseradish Tree; Moringa; Ben Nut; Jacinto (Sp.)                                   | 8           |           |
| Morus alba Sang-Pai-Pi; White Mulberry  | 16          | 124108.0  |
| Mucuna pruriens Cowage; Velvetbean  | 7           | 269378.0  |
| Muntingia calabura Jamaica cherry; Yumansa; Cereso  | 1           |           |
| Murraya sp None   | 3           | 1020.0    |
| Murraya koenigii Indian Curry Tree; Curry Leaf Tree; Curry Leaf   | 1           |           |
| Musa x paradisiaca Banana; Plantain   | 8           | 5459.0    |
| Myrciaria dubia Camu-camu Negro (Peru); Camu-camu (Eng.,Peru,Scn.,Sp.); Rumberry (Eng.); Camo Camo (Peru); Guapuro Blanco (Bol.); Araza de Agua (Sp.) | 2           |           |
| Myrciaria cauliflora Jaboticaba   | 1           |           |
| Myrica cerifera Bayberry; Wax Myrtle; Candle-Berry; Southern Bayberry   | 4           | 56.0      |
| Myristica fragrans Nutmeg; Muskatnussbaum (Ger.); Mace; nogal moscado (Sp.); nuez moscada (Sp.)   | 7           | 12640.0   |
| Myroxylon balsamum Peru Balsam; Tolu Balsam   | 4           | 8000.0    |
| Myrtus communis Myrte (Ger.); Myrtle; Arrayan (Sp.); Mirto (Sp.)  | 6           | 280000.0  |
| Narcissus tazetta Daffodil  | 2           |           |
| Nardostachys jatamansi Indian Nard; Spikenard   | 3           |           |
| Nasturtium officinale Watercress; Berro   | 3           | 8226.0    |
| Nelumbo nucifera Water Lotus  | 8           | 25492.0   |
| Nepeta cataria Catnip   | 5           |           |
| Nerium oleander Oleander  | 8           | 172000.0  |
| Nicotiana tabacum Tobacco   | 14          | 160000.0  |
| Nicotiana glauca Tree Tobacco   | 1           | 42000.0   |
| Nigella sativa Black Cumin; Roman Coriander; Black Caraway; Fennel-Flower; Nutmeg-Flower  | 7           | 506854.0  |
| Ocimum tenuiflorum Anise-Scented Basil  | 8           |           |
| Ocimum suave Kenyan Tree Basil  | 3           |           |
| Ocimum sp Basil   | 1           |           |
| Ocimum sanctum Holy Basil; Tulsi  | 4           |           |
| Ocimum kilimandscharicum African Blue Basil; Kenyan Perennial Basil   | 1           |           |
| Ocimum gratissimum Shrubby Basil; Agbo  | 3           |           |
| Ocimum canum Hoary Basil  | 3           |           |
| Ocimum basilicum Sweet Basil; Basil; Cuban Basil  | 16          | 80483.0   |
| Oenanthe javanica Javan Water Dropwort  | 2           |           |
| Oenanthe aquatica Water Hemlock; Water Fennel   | 1           |           |
| Oenothera biennis Evening-Primrose  | 12          | 1106910.0 |
| Olea europaea Olive   | 13          | 56000.0   |
| Ononis spinosa Spiny Restharrow; Hauhechel (Ger.); Restharrow   | 7           |           |
| Ophiopogon japonicus Mai-Men-Tung; Mai-Men-Dong   | 1           |           |
| Opopanax chironium Opopanax; Hercules All Heal  | 1           |           |
| Opuntia ficus-indica Prickly Pear; Nopal; Nopalito; Indian Fig  | 9           | 280688.2  |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Origanum vulgare</i> Common Turkish Oregano; Greek Oregano; Wild Oregano                                 | 16          | 29420.0   |
| <i>Origanum syriacum</i> Za'Atar  | 1           |           |
| <i>Origanum sipyleum</i> Bayircayi; Guveyoto  | 2           |           |
| <i>Origanum onites</i> Pot Marjoram; Oregano  | 2           | 630.0     |
| <i>Origanum minutiflorum</i> Small-Flowered Oregano   | 1           |           |
| <i>Origanum majorana</i> Sweet Marjoram; Marjoram   | 11          | 41040.0   |
| <i>Origanum creticum</i> Dittany Of Crete   | 1           |           |
| <i>Oryza sativa</i> Rice  | 8           | 25650.0   |
| <i>Oxalis tuberosa</i> Papa Roja; Oca; Quiba  | 1           | 50.0      |
| <i>Pachira macrocarpa</i> Large-Fruited Provision Tree  | 1           | 80.0      |
| <i>Pachira aquatica</i> Provision Tree  | 3           | 181600.0  |
| <i>Pachyrhizus erosus</i> Yambean   | 4           | 2456.0    |
| <i>Paeonia suffruticosa</i> Moutan Peony; Tree Peony; Moutan  | 4           |           |
| <i>Paeonia officinalis</i> Double Peony   | 2           |           |
| <i>Paeonia moutan</i> Moutan; Tree Peony  | 4           |           |
| <i>Paeonia lactiflora</i> Bai Shao (Chinese); Chih-Shao; Peony; Common Garden Peony; White Peony            | 6           |           |
| <i>Panax quinquefolius</i> Ginseng; American Ginseng  | 11          | 4800.0    |
| <i>Panax notoginseng</i> Sanchi Ginseng   | 2           |           |
| <i>Panax japonicus</i> Japanese Ginseng   | 2           |           |
| <i>Panax ginseng</i> Ginseng; Oriental Ginseng; Chinese Ginseng; Korean Ginseng                             | 12          | 4160.0    |
| <i>Pancratium maritimum</i> Sea Daffodil  | 1           |           |
| <i>Panicum maximum</i> Guinea grass   | 1           |           |
| <i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy  | 9           | 685036.0  |
| <i>Papaver bracteatum</i> Great Scarlet Poppy   | 2           | 777140.0  |
| <i>Paris polyphylla</i> Polyphyllous Paris  | 1           |           |
| <i>Parthenium integrifolium</i> Missouri Snakeroot; American Feverfew; Wild Quinine; Feverfew; Prairie-Dock | 1           |           |
| <i>Passiflora quadrangularis</i> Granadilla   | 1           | 1536.0    |
| <i>Passiflora mollissima</i> Granadilla De Guineo; Banana Passionfruit                                      | 1           |           |
| <i>Passiflora ligularis</i> Granadilla; Sweet Granadilla  | 1           |           |
| <i>Passiflora incarnata</i> Mayapple; Manzana de Mayo; Passionflower  | 6           |           |
| <i>Passiflora foetida</i> Stinking Granadilla; Granadilla Cimarrona   | 1           |           |
| <i>Passiflora edulis</i> Maracuya; Passionfruit   | 2           |           |
| <i>Pastinaca sativa</i> Parsnip   | 9           | 90864.0   |
| <i>Paullinia cupana</i> Guarana   | 2           | 240000.0  |
| <i>Pausinystalia johimbe</i> Yohimbe  | 1           |           |
| <i>Pedicularis palustris</i>  | 1           |           |
| <i>Peperomia pereskiaifolia</i> Perejil   | 1           |           |
| <i>Peperomia pelucida</i> Yerba de la plata; Pepper elder   | 1           |           |
| <i>Pereskia aculeata</i> Barbados Gooseberry; Grosela Americana   | 1           |           |
| <i>Perideridia gairdneri</i> Squaw Root   | 1           | 1778.0    |
| <i>Perilla frutescens</i> Perilla   | 6           | 198.0     |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Persea schiedeana</i> Palta De Monte; Wild Avocado; Wild Pear  | 1           |           |
| <i>Persea americana</i> Avocado   | 10          | 1107958.0 |
| <i>Petasites japonicus</i> Butterbur  | 3           | 72.0      |
| <i>Petasites hybridus</i> European Butterbur  | 4           |           |
| <i>Petiveria alliacea</i> Mucura; Anamu; Guinea Hen Leaf  | 2           |           |
| <i>Petroselinum crispum</i> Parsley   | 11          | 63920.12  |
| <i>Peucedanum ostruthium</i> Masterwort   | 4           |           |
| <i>Peumus boldus</i> Boldo  | 5           | 1600.0    |
| <i>Pfaffia paniculata</i> Suma; Pfaffia   | 1           |           |
| <i>Phaseolus vulgaris</i> Garden Bean; Kidney Bean; Green Bean; Haricot Vert; Flageolet Bean; Popping Bean; Haricot Bean; Field Bean; Haricot; Dwarf Bean; Navy Bean; Pop Bean; Snap Bean; Wax Bean; String Bean; French Bean; Black Bean | 10          | 57540.0   |
| <i>Phaseolus lunatus</i> Butter Bean; Lima Bean   | 4           | 25263.0   |
| <i>Phaseolus coccineus</i> Scarlet Runner Bean  | 1           | 98.0      |
| <i>Phaseolus acutifolius</i> Tepary Bean  | 2           |           |
| <i>Phaseolus aborigineus</i>  | 1           |           |
| <i>Phellodendron amurense</i> Amur Cork Tree; Huang Bai; Po Mu; Huang Po  | 2           |           |
| <i>Phoenix dactylifera</i> Date Palm  | 10          | 118650.0  |
| <i>Phoradendron juniperinum</i>   | 1           |           |
| <i>Phragmites australis</i> Reed Grass; Common Reed; Ditch Reed; Giant Reed   | 1           |           |
| <i>Phyllanthus niruri</i> Seed On The Leaf  | 2           |           |
| <i>Phyllanthus emblica</i> Myrobalan; Emblic  | 10          | 1032934.0 |
| <i>Phyllanthus amarus</i>   | 2           |           |
| <i>Phyllanthus acidus</i> Indian Gooseberry; Otaheite Gooseberry  | 1           | 116.0     |
| <i>Physalis peruviana</i> Cape Gooseberry; Ground Cherry  | 7           | 83822.0   |
| <i>Physalis ixocarpa</i> Tomatillo  | 1           | 506.0     |
| <i>Physalis alkekengi</i> Lantern; Bladderherb  | 2           |           |
| <i>Physostigma venenosum</i> Calabar Bean   | 2           |           |
| <i>Phytolacca americana</i> Pokeweed  | 4           | 286.0     |
| <i>Picrasma excelsa</i> Bitterwood; Jamaican Quassia  | 1           |           |
| <i>Picrorhiza kurrooa</i> Picrorhiza  | 2           |           |
| <i>Pimenta racemosa</i> Bayrum Tree; West Indian Bay  | 1           | 40940.0   |
| <i>Pimenta dioica</i> Allspice; Pimenta; Clover-Pepper; Jamaica-Pepper; Pimento   | 4           | 92351.6   |
| <i>Pimpinella anisum</i> Sweet Cumin; Anise   | 14          |           |
| <i>Pinellia ternata</i> Pan-Hsia; Ban-Xia   | 2           |           |
| <i>Pinus walliciana</i> Bhutan Pine   | 2           |           |
| <i>Pinus sylvestris</i> Scotch Pine   | 10          | 344800.0  |
| <i>Pinus strobus</i> Eastern White Pine; White Pine   | 1           |           |
| <i>Pinus pinea</i> Italian Stone Pine; Pignolia   | 3           |           |
| <i>Pinus mugo</i> Swiss Mountain Pine; Dwarf Pine   | 2           |           |
| <i>Pinus kesiya</i> Khasi Pine  | 1           |           |
| <i>Pinus insularis</i> Khasi Pine   | 1           |           |
| <i>Pinus gerardiana</i> Chilgoza Pine   | 1           |           |
| <i>Pinus elliottii</i> Slash Pine   | 1           |           |

| Plant   | # Chemicals | Total PPM  |
|---|-------------|------------|
| <i>Pinus edulis</i> Pinyon Pine   | 3           |            |
| <i>Pinus cembroides</i> Mexican Pinyon  | 1           |            |
| <i>Piper nigrum</i> Black Pepper; White Pepper; Pepper  | 13          | 269529.041 |
| <i>Piper methysticum</i> Kava-Kava  | 1           |            |
| <i>Piper cubeba</i> Cubeb Pepper; Cubeb   | 1           |            |
| <i>Piper betel</i> Betel Pepper   | 3           | 76796.0    |
| <i>Piper auritum</i> Hierba Santa; Cordoncillo; Hoja Santa  | 4           | 200.0      |
| <i>Piper angustifolium</i> Matico   | 1           |            |
| <i>Piscidia piscipula</i> Jamaica Dogwood   | 2           |            |
| <i>Pistacia vera</i> Pistachio  | 5           | 229716.0   |
| <i>Pistacia major</i>   | 1           |            |
| <i>Pistacia lentiscus</i> Mastixbaum (Ger.); Chios Mastictree; Mastictree; Mastic; Lentisco (Sp.)   | 6           | 226000.0   |
| <i>Pisum sativum</i> Pea  | 13          | 51912.0    |
| <i>Plantago psyllium</i> Psyllium   | 5           |            |
| <i>Plantago ovata</i> Indian Plantago; Blond Psyllium; Spogel Seeds; Ispaghula; Psyllium  | 7           | 48750.0    |
| <i>Plantago major</i> Common Plantain   | 12          | 241400.0   |
| <i>Plantago asiatica</i> Asian Plantain   | 5           |            |
| <i>Platonia insignis</i> Pacouri; Bakuri  | 1           |            |
| <i>Platycodon grandiflorum</i> Chieh-Keng; Jie-Geng; Balloon Flower   | 1           | 206.0      |
| <i>Plectranthus coleoides</i>   | 1           |            |
| <i>Plectranthus amboinicus</i> Amboini Coleus; Soup Mint; Cuban Oregano; French Thyme; Indian Borage; Mexican Mint; Country Borage; Spanish Thyme | 3           |            |
| <i>Pluchea carolinensis</i> Pito sico; Santa maria  | 2           |            |
| <i>Plumeria acutifolia</i> Frangipani   | 6           |            |
| <i>Podophyllum pleianthum</i> Chinese Mayapple  | 5           |            |
| <i>Podophyllum peltatum</i> Mayapple  | 7           | 120000.0   |
| <i>Podophyllum hexandrum</i> Himalayan Mayapple   | 3           |            |
| <i>Pogostemon cablin</i> Patchouli  | 3           | 34000.0    |
| <i>Polianthes tuberosa</i> Tuberose   | 1           |            |
| <i>Polygala tenuifolia</i> Chinese Senega   | 1           |            |
| <i>Polygala senega</i> Seneca Snakeroot; Senega   | 1           |            |
| <i>Polygonum multiflorum</i> He Shou Wu; Fleeceflower; Chinese Cornbind; Fo Ti; Chinese Knotweed  | 7           |            |
| <i>Polygonum hydropiperoides</i> Mild Water Pepper  | 4           |            |
| <i>Polygonum hydropiper</i> Common Smartweed  | 7           | 130000.0   |
| <i>Polygonum aviculare</i> Prostrate Knotweed   | 4           |            |
| <i>Polymnia edulis</i> Andean Jicama  | 1           | 164.0      |
| <i>Polypodium vulgare</i> Sweet Fern; Common Polypody   | 3           | 12000.0    |
| <i>Populus tacamahacca</i> Balm Of Gilead   | 5           |            |
| <i>Populus nigra</i> Black Poplar   | 3           |            |
| <i>Portulaca oleracea</i> Verdolaga; Purslane   | 8           | 182266.0   |
| <i>Pourouma cecropiaefolia</i> Tree Grape; Uvilla   | 1           |            |
| <i>Pouteria viridis</i> Green Sapote; Sapote Verde  | 1           |            |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Pouteria campechiana</i> Canistel   | 2           |           |
| <i>Pouteria caimito</i> Abiu; Caimito  | 2           |           |
| <i>Prosopis juliflora</i> Mesquite   | 3           | 320000.0  |
| <i>Prosopis glandulosa</i> Mesquite; Honey Mesquite  | 4           |           |
| <i>Prunella vulgaris</i> Self-Heal; Heal-All   | 14          |           |
| <i>Prunus spinosa</i> Blackthorn; Sloe   | 8           |           |
| <i>Prunus serotina</i> Wild Cherry; Black Cherry   | 8           |           |
| <i>Prunus salicifolia</i> Capulin; Wild Cherry   | 1           |           |
| <i>Prunus persica</i> Peach  | 13          | 42048.0   |
| <i>Prunus laurocerasus</i> Cherry Laurel   | 5           | 40000.0   |
| <i>Prunus dulcis</i> Almond  | 8           | 246304.0  |
| <i>Prunus domestica</i> Plum   | 11          | 324306.0  |
| <i>Prunus cerasus</i> Sour Cherry  | 18          | 485888.0  |
| <i>Prunus armeniaca</i> Apricot  | 14          | 872116.0  |
| <i>Prunus africana</i> Bitter Almond; Red Stinkwood  | 3           |           |
| <i>Psidium guajava</i> Guava   | 13          | 870900.0  |
| <i>Psidium cattleianum</i> Strawberry Guava  | 6           | 19306.0   |
| <i>Psophocarpus tetragonolobus</i> Winged Bean; Goa Bean; Asparagus Pea  | 3           | 132252.0  |
| <i>Psoralea esculenta</i> Prairie Apple; Breadroot; Indian Bread-Root; Prairie Turnip; Prairie Potato; Indian Turnip   | 1           | 506.0     |
| <i>Psoralea corylifolia</i> Babchi; Malaya Tea; Black Dot  | 3           |           |
| <i>Pteridium aquilinum</i> Bracken; Bracken Fern   | 5           |           |
| <i>Pterocarpus santalinus</i> Red Saunders   | 4           |           |
| <i>Pterocarpus marsupium</i> Indian Kino; bijasal; Malabar Kino  | 3           |           |
| <i>Ptychopetalum olacoides</i> Muira Puama   | 2           |           |
| <i>Pueraria pseudohirsuta</i> Chinese Kudzu  | 1           |           |
| <i>Pueraria montana</i> Kudsu; Kudzu   | 7           |           |
| <i>Punica granatum</i> Mangrano (Sp.); Pomegranate; Zakuro (Jap.); Granatapfelstrauch (Ger.); Romanzeiro (Port.); Grenadier (Fr.); Granado (Sp.); Granatapfelbaum (Ger.) | 21          | 2056500.0 |
| <i>Pycnanthemum tenuifolium</i> Slenderleaf Mountain Mint  | 1           | 440.0     |
| <i>Pycnanthemum setosum</i> Setose Mountain Mint   | 2           | 682.0     |
| <i>Pycnanthemum pycnanthemoides</i> Typical Mountain Mint  | 1           | 232.0     |
| <i>Pycnanthemum muticum</i> Muticous Mountain Mint   | 1           | 2700.0    |
| <i>Pycnanthemum montanum</i> Montane Mountain Mint   | 1           | 48.0      |
| <i>Pycnanthemum incanum</i> Hoary Mountain Mint  | 1           | 114.0     |
| <i>Pycnanthemum beadlei</i> Beadle's Mountain Mint   | 1           | 84.0      |
| <i>Pyrus communis</i> Pear   | 8           | 51574.0   |
| <i>Quararibea cordata</i> Sapote; Chupa-Chupa  | 1           |           |
| <i>Quassia amara</i> Quassia; Bitterwood   | 2           |           |
| <i>Quercus velutina</i> Black Oak  | 1           |           |
| <i>Quercus suber</i> Cork Oak  | 1           | 130000.0  |
| <i>Quercus rubra</i> Northern Red Oak  | 5           | 320000.0  |
| <i>Quercus robur</i> English Oak   | 5           | 400000.0  |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Quercus infectoria</i> Gall Oak; Dyer's Oak; Aleppo Oak        | 4           | 80000.0   |
| <i>Quercus alba</i> White Oak                                     | 6           | 400000.0  |
| <i>Quillaja saponaria</i> Soapbark                                | 1           | 300000.0  |
| <i>Quisqualis indica</i> Rangoon Creeper                          | 2           | 48600.0   |
| <i>Raphanus sativus</i> Radish                                    | 5           | 10074.0   |
| <i>Rauvolfia vomitoria</i> African Snakeroot                      | 1           |           |
| <i>Rauvolfia tetraphylla</i> Pinque-Pinque; Four-Leaf Devilpepper | 1           |           |
| <i>Rauvolfia serpentina</i> Serpentine Wood; Indian Snakeroot     | 1           | 4000.0    |
| <i>Ravensara aromatica</i> Ravensara                              | 1           |           |
| <i>Rehmannia glutinosa</i> Chinese Foxglove                       | 3           | 2000.0    |
| <i>Rheum rhabarbarum</i> Rhubarb                                  | 6           | 12318.0   |
| <i>Rheum palmatum</i> Chinese Rhubarb                             | 5           |           |
| <i>Rheum officinale</i> Chinese Rhubarb                           | 5           |           |
| <i>Rhizophora mangle</i> Red Mangrove                             | 3           | 1040000.0 |
| <i>Rhododendron ponticum</i> Pontic Alpenrose                     | 7           | 240000.0  |
| <i>Rhododendron ferrugineum</i> Rusty-Leaved Alpenrose            | 4           |           |
| <i>Rhododendron dauricum</i> Chinese Alpenrose                    | 7           |           |
| <i>Rhodymenia palmata</i> Dulse                                   | 2           |           |
| <i>Rhus toxicodendron</i> Poison Ivy                              | 3           |           |
| <i>Rhus glabra</i> Smooth Sumac                                   | 1           | 540000.0  |
| <i>Rhus coriaria</i> Tanner's Sumac; Sumac; Sicilian Sumac        | 4           |           |
| <i>Rhynchosia minima</i> Burn Mouth Vine                          | 1           |           |
| <i>Ribes uva-crispa</i> Gooseberry                                | 7           | 44844.0   |
| <i>Ribes rubrum</i> Red Currant; White Currant                    | 2           | 6616.0    |
| <i>Ribes nigrum</i> Black Currant                                 | 9           | 39490.0   |
| <i>Ricinus communis</i> Castorbean                                | 13          | 4026.0    |
| <i>Robinia pseudoacacia</i> Black Locust                          | 6           | 360980.0  |
| <i>Rollinia mucosa</i> Biriba; Lancewood                          | 1           |           |
| <i>Rosa woodsii</i> Woods' Rose                                   | 1           |           |
| <i>Rosa</i> spp Rose Hips   | 2           | 52800.0   |
| <i>Rosa rubiginosa</i> Rosa Mosqueta                              | 3           | 52800.0   |
| <i>Rosa multiflora</i> Multiflora Rose                            | 5           |           |
| <i>Rosa laevigata</i> Cherokee Rose                               | 1           |           |
| <i>Rosa gallica</i> French Rose                                   | 3           | 8.0       |
| <i>Rosa damascena</i> Damask Rose                                 | 5           | 30000.0   |
| <i>Rosa centifolia</i> Cabbage Rose                               | 1           |           |
| <i>Rosa canina</i> Dog Rose; Dogbrier; Rose                       | 11          | 163776.0  |
| <i>Rosmarinus x mendizabalii</i> Mendizabali's Rosemary           | 1           |           |
| <i>Rosmarinus x lavandulaceus</i> Lavender Rosemary               | 1           |           |
| <i>Rosmarinus tomentosus</i> Hairy Rosemary                       | 1           |           |
| <i>Rosmarinus officinalis</i> Rosemary                            | 15          | 193496.0  |
| <i>Rosmarinus eriocalyx</i> Rosemary                              | 1           |           |

| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Rubia cordifolia</i> Madder  | 2           |           |
| <i>Rubus phoenicolasius</i> Japanese Wineberry; Wine Raspberry; Wineberry                     | 1           |           |
| <i>Rubus idaeus</i> Raspberry; Red Raspberry  | 14          | 253164.0  |
| <i>Rubus fruticosus</i> Blackberry  | 5           |           |
| <i>Ruellia tuberosa</i>   | 1           |           |
| <i>Rumex hymenosepalus</i> Canaigre   | 1           | 700000.0  |
| <i>Rumex crispus</i> Lengua De Vaca; Curly Dock; Sour Dock; Yellow Dock                       | 7           | 120216.0  |
| <i>Rumex acetosella</i> Sheep Sorrel  | 3           | 290840.0  |
| <i>Rumex acetosa</i> Garden Sorrel  | 5           | 27440.0   |
| <i>Ruscus aculeatus</i> Box-Holly; Butcher's Broom  | 3           | 962.4     |
| <i>Ruta graveolens</i> Rue  | 6           | 40000.0   |
| <i>Salix</i> sp.  | 1           |           |
| <i>Salix alba</i> White Willow  | 6           | 190198.0  |
| <i>Salvia triloba</i> Greek Sage  | 3           | 308400.0  |
| <i>Salvia</i> sp. Chia  | 3           |           |
| <i>Salvia sclarea</i> Clary Sage  | 5           | 106976.0  |
| <i>Salvia officinalis</i> Sage  | 16          | 337823.0  |
| <i>Salvia canariensis</i> Canary Island Sage  | 2           |           |
| <i>Sambucus simpsonii</i> Simpson's elderberry  | 2           |           |
| <i>Sambucus nigra</i> European Elder; European Elderberry; Elder; European Alder; Black Elder | 16          | 78414.0   |
| <i>Sambucus canadensis</i> American Elderberry; Sweet Elder; American Elder; Elderberry       | 8           | 413636.0  |
| <i>Sanguisorba officinalis</i> Greater Burnet   | 5           | 340000.0  |
| <i>Sanguisorba minor</i> Small Burnet   | 6           |           |
| <i>Sansevieria trifasciata</i> Snake Plant; African Bowstring Hemp                            | 1           |           |
| <i>Santalum album</i> White Sandalwood  | 5           |           |
| <i>Santolina chamaecyparissus</i> Lavender Cotton   | 4           |           |
| <i>Sarcostemma acidum</i> Soma  | 4           |           |
| <i>Sarracenia rubra</i>   | 1           |           |
| <i>Sarracenia purpurea</i>  | 4           |           |
| <i>Sarracenia psittacina</i>  | 1           |           |
| <i>Sarracenia oreophila</i>   | 1           |           |
| <i>Sarracenia minor</i>   | 1           |           |
| <i>Sarracenia leucophylla</i>   | 1           |           |
| <i>Sarracenia flava</i>   | 3           |           |
| <i>Sarracenia alata</i>   | 1           |           |
| <i>Sassafras albidum</i> Sassafras  | 5           |           |
| <i>Satureja thymbra</i> Goat Oregano  | 1           |           |
| <i>Satureja subspicata</i> Yugoslav Savory  | 1           |           |
| <i>Satureja montana</i> Winter Savory; Savory   | 8           | 64000.0   |
| <i>Satureja hortensis</i> Summer Savory   | 7           | 333290.0  |
| <i>Satureja douglasii</i> Douglas' Savory   | 1           | 1820.0    |
| <i>Satureja cuneifolia</i> Cuneate Turkish Savory   | 1           |           |



| Plant   | # Chemicals | Total PPM |
|---|-------------|-----------|
| <i>Saussurea lappa</i> Costus; Kuth   | 2           |           |
| <i>Schinus terebinthifolius</i> Brazilian Peppertree  | 4           |           |
| <i>Schinus molle</i> Mastic-Tree; California Peppertree; Peruvian Peppertree  | 5           | 460000.0  |
| <i>Schisandra chinensis</i> Wu Wei Zi; Five-Flavor-Fruit; Wu Wei Zu; Magnolia Vine; Chinese Magnolia Vine; Schizandra | 8           |           |
| <i>Sclerocarya caffra</i> Marula  | 2           | 600062.0  |
| <i>Scopolia carniolica</i> Scopolia   | 6           |           |
| <i>Scrophularia umbrosa</i>   | 1           |           |
| <i>Scrophularia scorodonia</i>  | 1           |           |
| <i>Scutellaria</i> sp   | 1           |           |
| <i>Scutellaria lateriflora</i> Mad-Dog Skullcap; Scullcap   | 3           | 70.0      |
| <i>Scutellaria galericulata</i> Marsh Skullcap  | 4           | 90000.0   |
| <i>Scutellaria churchilliana</i> Hybrid Skullcap  | 1           |           |
| <i>Scutellaria baicalensis</i> Chinese Skullcap; Huang Qin; Baikal Skullcap   | 4           | 249000.0  |
| <i>Secale cereale</i> Rye   | 3           |           |
| <i>Sechium edule</i> Chayote  | 2           | 650.0     |
| <i>Selenicereus grandiflorus</i> Night-Blooming Cereus; Queen-of-the-Night  | 4           |           |
| <i>Senecio aureus</i> Squawweed; Liferoot   | 1           |           |
| <i>Senna occidentalis</i> Coffee Senna  | 3           | 16328.0   |
| <i>Senna obtusifolia</i> Sicklepod  | 5           | 54860.0   |
| <i>Senna alexandrina</i> Indian Senna; Alexandran senna; True Senna   | 1           |           |
| <i>Senna alata</i> Ringworm Bush  | 2           |           |
| <i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto  | 7           | 261670.0  |
| <i>Sesamum indicum</i> Sesame; Ajonjoli (Sp.); Sesamo (Sp.); Benneseed; Beni  | 13          | 579938.0  |
| <i>Sicana odorifera</i> Cassabanana   | 1           |           |
| <i>Sida rhombifolia</i> Teaplant; Broomweed   | 1           | 210.0     |
| <i>Sideritis germanicolpitana</i>   | 1           |           |
| <i>Siegesbeckia orientalis</i> Saint Paul'Swort; Hsi Chien  | 1           |           |
| <i>Silybum marianum</i> Lady's Thistle; Milk Thistle  | 13          | 67000.0   |
| <i>Simaba multiflora</i> Cajurana   | 1           |           |
| <i>Simarouba glauca</i> Simaruba Bark   | 1           | 25720.0   |
| <i>Simarouba amara</i> Simaruba Bark  | 1           | 540000.0  |
| <i>Sinapis alba</i> White Mustard   | 5           | 67660.0   |
| <i>Sinomenium acutum</i> Ching-Feng-Teng  | 1           |           |
| <i>Skimmia arborescens</i> Skimmia  | 3           |           |
| <i>Smilax</i> spp Sarsaparilla  | 2           |           |
| <i>Smilax regelii</i> Sarsaparilla; Honduran Sarsaparilla; Jamaica Sarsaparilla; Brown Sarsaparilla                   | 1           |           |
| <i>Smilax officinalis</i> Sarsaparilla  | 1           |           |
| <i>Smilax china</i> China Root  | 3           |           |
| <i>Solanum tuberosum</i> Potato   | 17          | 78278.0   |
| <i>Solanum torvum</i> Susumba; Wild Eggplant  | 4           | 356.0     |
| <i>Solanum sessiliflorum</i> Cocona   | 2           |           |
| <i>Solanum quitoensis</i> Naranjillo  | 1           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Solanum nigrum</i> Black Nightshade   | 7           | 443780.0  |
| <i>Solanum melongena</i> Eggplant; Aubergine                                   | 12          | 16884.0   |
| <i>Solanum mammosum</i> Susumber; Love Apple                                   | 2           |           |
| <i>Solanum dulcamara</i> Bitter Nightshade; Bittersweet                        | 4           |           |
| <i>Solanum carolinense</i> Horsenettle   | 2           |           |
| <i>Solidago virgaurea</i> Woundwort; European Goldenrod                        | 4           |           |
| <i>Solidago gigantea</i> Early Goldenrod                                       | 7           |           |
| <i>Sonchus oleraceus</i> Sow Thistle; Cerraja                                  | 2           | 236.0     |
| <i>Sophora pachycarpa</i> Siberian Pachycarpa                                  | 2           |           |
| <i>Sophora japonica</i> Japanese Pagoda Tree                                   | 7           | 996260.0  |
| <i>Sorbus aucubaria</i> Rowan Berry  | 9           |           |
| <i>Spartium junceum</i> Spanish Broom; Genet; Weaver's Broom                   | 5           | 170624.0  |
| <i>Spigelia marilandica</i> Pinkroot; Indian Pink                              | 1           |           |
| <i>Spinacia oleracea</i> Spinach   | 13          | 18403.6   |
| <i>Spirulina</i> spp. Spirulina  | 1           |           |
| <i>Spirulina pratensis</i> Spirulina   | 1           | 320.0     |
| <i>Spondias purpurea</i> Purple Jobo; Purple Plum                              | 1           | 84.0      |
| <i>Spondias pinnata</i> Yellow Plum; Yellow Mombin                             | 1           | 62.0      |
| <i>Spondias mombin</i> Yellow Plum; Yellow Mombin                              | 1           | 234.0     |
| <i>Spondias dulcis</i> Ambarella   | 1           | 210.0     |
| <i>Stachys officinalis</i> Purple Betony; Bishop's-Wort; Wood Betony; Betony   | 7           | 320000.0  |
| <i>Stachytarpheta jamaicensis</i> Brazilian Tea                                | 1           |           |
| <i>Stellaria media</i> Common Chickweed; Chickweed                             | 8           | 94.0      |
| <i>Stephania japonica</i> Japanese Tape-Vine                                   | 1           |           |
| <i>Stephania glabra</i> Indian Tape-Vine                                       | 1           |           |
| <i>Sterculia urens</i> Karaya  | 3           | 52584.0   |
| <i>Stevia rebaudiana</i> Sweet Leaf of Paraguay; Ca-A-E; Stevia                | 5           |           |
| <i>Stillingia sylvatica</i> Stillingia; Yawroot; Queen's-Root; Queen's-Delight | 1           |           |
| <i>Strophanthus hispidus</i> Hispid Ouabain                                    | 1           |           |
| <i>Strophanthus gratus</i> Ouabain   | 2           | 180000.0  |
| <i>Strychnos nux-vomica</i> Nux-Vomica; Strychnine                             | 4           | 9200.0    |
| <i>Swertia chirata</i> Chirata; Chiretta                                       | 2           |           |
| <i>Symphytum officinale</i> Comfrey  | 5           | 180134.0  |
| <i>Symplocarpus foetidus</i> Skunk Cabbage                                     | 1           |           |
| <i>Syringa vulgaris</i> Lilac  | 2           |           |
| <i>Syzygium malaccense</i> Mammey Pomorrosa; Malay Apple; Ohia                 | 1           |           |
| <i>Syzygium jambos</i> Pomarrosa; Rose Apple                                   | 1           |           |
| <i>Syzygium cumini</i> Jambolan; Java Plum; Aceituna Dulce                     | 4           |           |
| <i>Syzygium claviflorum</i>  | 2           |           |
| <i>Syzygium aromaticum</i> Clovetree; Clove                                    | 10          | 501400.0  |
| <i>Tabebuia impetiginosa</i> Pau d'arco; Taheebo                               | 1           |           |
| <i>Tabebuia heptaphylla</i> Pau D'Arco   | 2           | 11.4      |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| Tabernanthe iboga Iboga  | 1           |           |
| Tagetes patula French Marigold   | 4           |           |
| Tagetes minuta Stinking-Roger; Mexican Marigold; Muster John Henry; Aztec Marigold; Wild Marigold; Dwarf Marigold  | 2           |           |
| Tagetes lucida Sweet-Mace; Sweet-Scent Marigold; Sweet-Scent Mexican Marigold; Anise Marigold  | 2           |           |
| Tagetes erecta Marigold; Aztec Marigold  | 2           |           |
| Tamarindus indica Kilytree; Tamarind; Indian Tamarind  | 6           | 211118.0  |
| Tanacetum vulgare Tansy  | 4           |           |
| Tanacetum parthenium Feverfew  | 2           |           |
| Taraxacum officinale Dandelion   | 15          | 59466.1   |
| Taraxacum mongolicum Mongoloid Dandelion   | 1           |           |
| Taxus baccata Common Yew   | 5           |           |
| Tecoma stans Yellow Elder  | 4           |           |
| Tephrosia purpurea Wild Indigo; Purple Tephrosia   | 2           |           |
| Terminalia pallida   | 5           |           |
| Terminalia ivorensis Brimstonewood; Satinwood; Idigbo; Black Afara; Blackbark; Emire; Shinglewood  | 3           |           |
| Terminalia chebula Myrobalan; Black Myrobalan; Ink Nut; Chebulic Myrobalan   | 9           | 169600.0  |
| Terminalia catappa Indian Almond; Tropical Almond; Malabar Almond  | 12          | 1028914.0 |
| Terminalia bellirica Myrobalan Belleric; Belleric; Bahera; Myrobalan; Beleric Myrobalan  | 5           |           |
| Terminalia arjuna Arjun; Arjuna  | 9           |           |
| Ternstroemia gymnanthera   | 1           |           |
| Tetragonia tetragonioides New Zealand Spinach  | 2           | 4500.0    |
| Teucrium scorodonia Wood Germander; Germander  | 5           |           |
| Teucrium scordium Water Germander  | 7           |           |
| Teucrium salviastrum   | 1           |           |
| Teucrium pseudoscorodonia  | 1           |           |
| Teucrium polium Golden Germander   | 11          |           |
| Teucrium oxylepis  | 1           |           |
| Teucrium montanum Mountain Germander   | 3           |           |
| Teucrium micropodioides Small 'Cyprus' Germander   | 1           |           |
| Teucrium marum Cat Thyme   | 1           |           |
| Teucrium kotschyianum Stavros Kotschy's Germander  | 1           |           |
| Teucrium divaricatum Hoary Divaricate Germander  | 1           |           |
| Teucrium cyprium 'Cyprus' Germander  | 1           |           |
| Teucrium chamaedrys Wall Germander   | 8           | 292400.0  |
| Teucrium botrys Field Germander  | 2           |           |
| Teucrium asiaticum   | 1           |           |
| Theobroma speciosum Macambo  | 1           |           |
| Theobroma cacao Cacao  | 14          | 224528.0  |
| Theobroma bicolor Pataste; Nicaraguan Cacao  | 2           |           |
| Theobroma angustifolium Castarica; Emerald Cacao   | 1           |           |
| Thespesia populnea Indian tulip tree   | 4           |           |
| Thevetia peruviana Chirca (Sp.); Peruvian Yellow Oleander; Oleandre Jaune (Fr.); Thevetie (Ger.); Luckynut; Cabalonga (Sp.); Yellow Oleander; Adelfa Amarilla (Sp.); Loandro-Amarelo (Port.) | 8           |           |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Thevetia neriifolia</i> Yellow oleander   | 1           |           |
| <i>Thuja occidentalis</i> Arbor-Vitae; Northern White-Cedar  | 5           | 118000.0  |
| <i>Thymus zygis</i> 'Portuguese' Thyme   | 1           |           |
| <i>Thymus x citriodorus</i> Lemon Thyme; Funk's thyme  | 1           |           |
| <i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme   | 16          | 339392.0  |
| <i>Thymus serpyllum</i> Creeping Thyme   | 5           | 209546.0  |
| <i>Thymus saturejoides</i> Moroccan Savory Thyme   | 1           |           |
| <i>Thymus riatarum</i> 'Moroccan' Thyme  | 1           |           |
| <i>Thymus orospedanus</i> Orosped Thyme  | 1           | 1750.0    |
| <i>Thymus mastichina</i> Spanish Marjoram  | 1           | 700.0     |
| <i>Thymus funkii</i> Funk's Thyme  | 3           |           |
| <i>Thymus cilicicus</i> 'Anatolian' Thyme  | 1           |           |
| <i>Thymus capitatus</i> Spanish Origanum; 'Sicilian' Thyme; Spanish Thyme                                | 2           | 660.0     |
| <i>Thymus broussonettii</i> Moroccan Thyme   | 1           |           |
| <i>Tilia</i> sp. Lime; Linden; Basswood  | 9           |           |
| <i>Tragopogon porrifolius</i> Salsify  | 2           | 44.0      |
| <i>Tribulus terrestris</i> Puncture-vine   | 6           |           |
| <i>Trichilia hirta</i> Jojoban   | 1           |           |
| <i>Trichosanthes kirilowii</i> Chinese Cucumber  | 2           |           |
| <i>Trichosanthes anguina</i> Snakegourd  | 2           | 99112.0   |
| <i>Tridax procumbens</i> Coatbuttons; Mexican daisy  | 4           |           |
| <i>Trifolium pratense</i> Purple Clover; Peavine Clover; Red Clover; Cowgrass                            | 13          | 250.0     |
| <i>Trigonella foenum-graecum</i> Fenugreek; Alholva (Sp.); Bockshornklee (Ger.); Greek Hay; Greek Clover | 11          | 73476.0   |
| <i>Trilisa odoratissima</i> Hound's Tongue; Deer's Tongue; Carolina Vanilla; Vanilla Plant               | 1           |           |
| <i>Triticum aestivum</i> Wheat   | 13          | 19638.0   |
| <i>Tropaeolum tuberosum</i> Anu; Mashua  | 1           | 100.0     |
| <i>Tropaeolum majus</i> Nasturtium   | 3           | 150.0     |
| <i>Tsuga canadensis</i> Eastern Hemlock  | 2           | 821000.0  |
| <i>Turnera diffusa</i> Damiana   | 3           | 204.0     |
| <i>Tussilago farfara</i> Coltsfoot   | 8           | 364800.0  |
| <i>Ulex europaeus</i> Gorse  | 3           |           |
| <i>Ullucus tuberosus</i> Melloco; Ulluco   | 1           | 78.0      |
| <i>Ulmus rubra</i> Slippery Elm; Red Elm   | 3           | 400.0     |
| <i>Umbellularia californica</i> California Bay   | 1           | 80.0      |
| <i>Uncaria tomentosa</i> Garabato Amarillo; Cat's Claw; Una de Gato                                      | 5           |           |
| <i>Uncaria guianensis</i> Cat's Claw; Garabato Colorado; Ungunagi; Una de Gato; Tambor Huasca            | 3           |           |
| <i>Uncaria catechu</i> Gambir; Pale Catechu  | 3           |           |
| <i>Urginea maritima</i> European Squill  | 5           |           |
| <i>Urtica dioica</i> European Nettle; Stinging Nettle  | 20          | 465301.0  |
| <i>Vaccinium vitis-idaea</i> Cowberry; Lingonberry; Lingen   | 9           | 437000.0  |
| <i>Vaccinium myrtillus</i> Whortleberry; Bilberry; Dwarf Bilberry  | 17          | 650130.0  |
| <i>Vaccinium macrocarpon</i> Large Cranberry; Cranberry; American Cranberry                              | 9           | 588.3     |

| Plant  | # Chemicals | Total PPM |
|--|-------------|-----------|
| <i>Vaccinium corymbosum</i> Blueberry  | 18          | 7478.04   |
| <i>Valeriana officinalis</i> Valerian; Garden-Heliotrope; Common Valerian  | 10          | 104.0     |
| <i>Valeriana jatamansi</i> Indian Valerian   | 3           |           |
| <i>Valerianella locusta</i> Lamb's Lettuce; Corn Salad   | 1           | 6940.0    |
| <i>Vanilla planifolia</i> Bourbon Vanilla; Vanilla   | 5           |           |
| <i>Veratrum album</i> White Hellebore  | 1           |           |
| <i>Verbascum thapsus</i> Flannelplant; Mullein; Great Mullein; Flannelleaf; Velvetplant  | 8           | 190.0     |
| <i>Verbena officinalis</i> Vervain   | 4           | 20000.0   |
| <i>Vernonia cinerea</i> Purple fleabane  | 3           |           |
| <i>Veronica officinalis</i> Gypsyweed; Common Speedwell  | 2           |           |
| <i>Viburnum prunifolium</i> Black Haw  | 11          | 40000.0   |
| <i>Viburnum opulus</i> European Cranberry Bush; Crampbark; Guelder Rose; Snowballbush  | 13          | 60000.0   |
| <i>Vicia faba</i> Faba Bean; Broadbean; Habas  | 8           | 17950.0   |
| <i>Vigna unguiculata</i> Yardlong Bean; Asparagus Bean; Pea Bean   | 4           | 52840.0   |
| <i>Vigna subterranea</i> Groundbean; Bambarra Groundnut  | 1           | 40.0      |
| <i>Vigna radiata</i> Green Gram; Mungbean  | 9           | 35972.0   |
| <i>Vigna mungo</i> Black Gram  | 4           | 44322.0   |
| <i>Vigna angularis</i> Adzuki Bean   | 2           | 4924.0    |
| <i>Vigna aconitifolia</i> Mat Bean; Moth Bean  | 3           | 15674.0   |
| <i>Vinca minor</i> Periwinkle; Running-Myrtle  | 4           | 201600.0  |
| <i>Viola tricolor</i> Wild Violet; Pansy   | 5           | 460604.0  |
| <i>Viola odorata</i> Common Violet; Sweet Violet   | 7           | 41374.0   |
| <i>Virola surinamensis</i> Ucahuba; Ucuuba   | 1           |           |
| <i>Viscum album</i> European Mistletoe   | 3           |           |
| <i>Vitellaria paradoxa</i> Butterseed; Shea Nut; Shea; Shea-Butter-Tree; Sheatree  | 3           |           |
| <i>Vitex agnus-castus</i> Chaste-Tree  | 5           |           |
| <i>Vitis vinifera</i> Wine Grape; Parra (Sp.); Vigne Vinifere (Fr.); Weinrebe (Ger.); Vid (Sp.); Grape; European Grape; Grapevine                    | 27          | 478268.8  |
| <i>Warburgia ugandensis</i> Warburghia   | 1           |           |
| <i>Withania somnifera</i> Ashwagandha  | 7           | 400.0     |
| <i>Xanthosoma sagittifolium</i> Yautia; Malanga; Tannia  | 1           | 40.0      |
| <i>Xylopia aethiopica</i> Maniguete (Sp.); Ethiopian Pepper; Negro Pepper; Pimienta de Guinea (Sp.); Mohrenpfeffer (Ger.); Spice Tree; Guinea Pepper | 2           |           |
| <i>Yucca baccata</i> Yucca; Spanish Bayonet; Blue Yucca; Banana Yucca  | 2           |           |
| <i>Zanthoxylum clava-herculis</i> Pepperbark; West Indian Yellowwood; Southern Prickly Ash; Hercules'-Club   | 1           |           |
| <i>Zanthoxylum americanum</i> Northern Prickly Ash   | 4           |           |
| <i>Zea mays</i> Corn   | 18          | 55235.4   |
| <i>Zingiber officinale</i> Ginger  | 16          | 39760.0   |
| <i>Zizyphus spina-christi</i> Syrian Christ-Thorn  | 2           | 82.0      |
| <i>Zizyphus jujuba</i> Ta-Tsao; Jujube; Da-Zao   | 6           | 322106.0  |