

A Spermigenic

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

Plant	# Chemicals	Total PPM
<i>Abelmoschus manihot</i> Manioc Hibiscus	1	216.0
<i>Abelmoschus esculentus</i> Okra	2	17020.0
<i>Acacia farnesiana</i> Sweet Acacia; Popinac; Cassie; Huisache; Opopanax	1	78960.0
<i>Acanthopanax gracilistylis</i> Wu Chia Pi	1	38.0
<i>Achillea millefolium</i> Yarrow; Milfoil	1	
<i>Achyranthes bidentata</i> Chaff Flower	1	102.0
<i>Aconitum carmichaelii</i> Fu-Tsu; Aconite	1	26.0
<i>Acorus calamus</i> Flagroot; Myrtle Flag; Sweetflag; Sweet Calamus; Calamus; Sweetroot	1	
<i>Actaea racemosa</i> Black Cohosh; Black Snakeroot	1	
<i>Actaea dahurica</i> Sheng ma; Xing an sheng ma	1	
<i>Agathosma betulina</i> Buchu; Honey Buchu; Mountain Buchu	1	168.0
<i>Akebia quinata</i> Chocolate Vine	1	20.0
<i>Albizia lebbek</i> Lebbek Tree; Siris Tree; Women's-Tongue Tree; Koko; Lebbek; Frywood; East Indian Walnut	1	
<i>Albizia julibrissin</i> Mimosa	1	16.0
<i>Alisma plantago-aquatica</i> Mud Plantain; Tse-Hsieh; Water Plantain; Ze-Xie	1	136.0
<i>Allium schoenoprasum</i> Chives	1	50600.0
<i>Allium sativum</i> var. <i>sativum</i> Garlic	2	45562.6
<i>Allium cepa</i> Onion; Shallot	2	34618.0
<i>Allium ampeloprasum</i> Kurrat; Elephant Garlic	2	
<i>Alocasia macrorrhiza</i> Giant Taro	1	102.0
<i>Aloe vera</i> Aloe; Bitter Aloes	2	1540.0
<i>Aloe</i> spp. Aloe	1	
<i>Alpinia galanga</i> Greater Galangal; Languas; Siamese Ginger	1	
<i>Althaea officinalis</i> White Mallow; Marshmallow	1	
<i>Amaranthus</i> sp. Pigweed	2	29328.0
<i>Amomum xanthioides</i> Chin Kousha; Bastard Cardamom; Malabar Cardamom; Tavoy Cardamom	1	96.0
<i>Amorphophallus konjac</i> Elephant Yam; Devil's Tongue; Leopard Palm; Konjac; Umbrella Arum; Snake Palm	1	
<i>Amorphophallus campanulatus</i> Elephant-Foot Yam	1	100.0
<i>Amphicarpaea bracteata</i> Hog Peanut	1	
<i>Anacardium occidentale</i> Cashew	2	35536.0
<i>Ananas comosus</i> Pineapple	2	2678.0
<i>Anastatica hierochuntica</i> Jericho Rose	1	
<i>Anemarrhena asphodeloides</i> Zhi-Mu; Chih-Mu	1	54.0
<i>Anethum graveolens</i> Dill; Garden Dill	3	27788.0
<i>Angelica sinensis</i> Dong Gui; Chinese Angelica; Dong Quai; Dang Qui; Dang Gui; Dang Quai	2	
<i>Angelica laxiflora</i> Tu Huo	1	30.0
<i>Angelica dahurica</i> Bai Zhi	1	58.0
<i>Annona squamosa</i> Sweetsop; Sugar-Apple	1	
<i>Annona muricata</i> Soursop	1	8.0

Plant	# Chemicals	Total PPM
<i>Annona cherimola</i> Cherimoya	1	30.0
<i>Anthriscus cerefolium</i> Chervil	1	20.0
<i>Apium graveolens</i> Celery	2	8616.0
<i>Arachis hypogaea</i> Peanut; Groundnut	2	74114.0
<i>Arctium lappa</i> Gobo; Burdock; Great Burdock	2	10541.2
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	1	
<i>Areca catechu</i> Pin-Lang; Betel Nut	1	32.0
<i>Arisaema consanguineum</i> Chinese Jack-In-The-Pulpit	1	28.0
<i>Aristolochia debilis</i> Chinese Birthwort	1	80.0
<i>Armoracia rusticana</i> Horseradish	2	56.9
<i>Artemisia vulgaris</i> Mugwort	1	180.0
<i>Artemisia herba-alba</i> Desert Wormwood	1	42.0
<i>Artemisia dracunculus</i> Tarragon	2	
<i>Artemisia cina</i> Levant Wormseed	1	
<i>Artemisia capillaris</i> Capillary Wormwood	1	44.0
<i>Artocarpus heterophyllus</i> Jackfruit	1	32.0
<i>Artocarpus altilis</i> Breadfruit	2	16.0
<i>Asiasarum sieboldii</i> Siebold's Wild Ginger	1	118.0
<i>Asiasarum heterotropoides</i> Asian Wild Ginger	1	118.0
<i>Asimina triloba</i> Pawpaw	2	4748.0
<i>Asparagus officinalis</i> Asparagus	2	37152.0
<i>Asparagus lucidus</i> Lucid Asparagus	1	16.0
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	2	21.0
<i>Atractylodes ovata</i> Bai-Zhu; Pai-Chu	1	64.0
<i>Atractylodes lancea</i> Cang Zhu	1	66.0
<i>Avena sativa</i> Oats	2	26000.0
<i>Averrhoa carambola</i> Carambola; Star Fruit	2	
<i>Barosma betulina</i> Buchu	1	168.0
<i>Basella alba</i> Vinespinach	1	20290.0
<i>Belamcanda chinensis</i> Iris Tigre (Fr.); Shenan; Leopardenblume (Ger.); Leopard Lily; Mariposa (Sp.); Blackberry Lily; Maravilla (Sp.)	1	34.0
<i>Berberis vulgaris</i> Barberry	1	
<i>Bertholletia excelsa</i> Creamnut; Brazilnut-Tree; Brazilnut; Paranut	2	49560.0
<i>Beta vulgaris</i> Sugar Beet; Beetroot; Garden Beet; Beet	2	6134.0
<i>Bixa orellana</i> Achiote; Lipstick Pod; Lipsticktree; Annatto; Bija; Annato; Annoto; Arnato	1	28520.0
<i>Blechnum orientale</i> Kuan Chung; Shield Fern	1	34.0
<i>Bletilla striata</i> Dai Chi (Chin.); Hyacinth Orchid; Chinese Ground Orchid; Bletilla; Shiran (Jap.); Hardy Orchid; Hyacinth Bletilla	1	32.0
<i>Boehmeria nivea</i> Ramie	1	86.0
<i>Borago officinalis</i> Borage; Beeplant; Beebread; Talewort	1	
<i>Brassica rapa</i> Chinese Cabbage; Chinese Mustard; Celery Mustard; Bok-Choy; Pak-Choi; Chinese White Cabbage; Celery Cabbage	2	5976.0
<i>Brassica pekinensis</i> Chinese Cabbage	1	160.0
<i>Brassica oleracea</i> var. <i>viridis</i> l. Cow Cabbage; Tree Kale; Spring-Heading Cabbage; Collards; Tall Kale	2	26538.0
<i>Brassica oleracea</i> var. <i>sabellica</i> l. Kale; Scotch Kale; Curly Kale; Kitchen Kale	2	23736.0

Plant	# Chemicals	Total PPM
<i>Brassica oleracea</i> var. <i>italica</i> Cape Broccoli; Heading Broccoli; Purple Cauliflower; Winter Broccoli; Asparagus Broccoli; Sprouting Broccoli; Calabrese; Broccoli	2	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts	2	29302.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Cabbage; Red Cabbage; White Cabbage	2	18527.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	2	56376.0
<i>Brassica oleracea</i> Kohlrabi	1	23334.0
<i>Brassica nigra</i> Black Mustard	2	53394.0
<i>Brassica napus</i> var. <i>napobrassica</i> Swedish Turnip; Swede; Rutabaga	2	28686.0
<i>Brassica juncea</i> Mustard Greens	1	130.0
<i>Brassica chinensis</i> Pak-Choi; Celery Mustard; Chinese White Cabbage; Bok-Choy; Chinese Mustard; Chinese Cabbage; Celery Cabbage	1	35902.0
<i>Broussonetia papyrifera</i> Paper Mulberry	1	46.0
<i>Bupleurum chinense</i> Chai-Hu	1	
<i>Cajanus cajan</i> Pigeonpea	2	29128.0
<i>Calathea allouia</i> Lleren; Leren	1	
<i>Camellia sinensis</i> Tea	2	60.0
<i>Canavalia ensiformis</i> Jack Bean	2	40.0
<i>Cannabis sativa</i> Hemp; Marihuana; Indian Hemp; Marijuana	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Cayenne; Hot Pepper; Spur Pepper; Tabasco; Chili; Red Chili	2	15716.0
<i>Capsicum annuum</i> Cone Pepper; Bell Pepper; Sweet Pepper; Cherry Pepper; Paprika; Green Pepper	2	11268.7
<i>Carica papaya</i> Papaya	2	1790.0
<i>Carthamus tinctorius</i> Safflower	1	
<i>Carum carvi</i> Comino (Sp.); Comino de prado (Sp.); Kummel (Ger.); Carum; Caraway	2	122.0
<i>Carya ovata</i> Shagbark Hickory	1	776.0
<i>Carya illinoensis</i> Pecan	1	112.0
<i>Carya glabra</i> Pignut Hickory	1	2200.0
<i>Cassia tora</i> Sickle Senna	1	62.0
<i>Castanea sativa</i> European Chestnut	2	6404.0
<i>Castanea mollissima</i> Chinese Chestnut	2	15738.0
<i>Castanea dentata</i> American Chestnut	2	13604.0
<i>Catalpa ovata</i> Hsin-Pa-Pi; Kisasage	1	42.0
<i>Caulophyllum thalictroides</i> Blue Cohosh	1	
<i>Celosia cristata</i> Cockscomb	1	78.0
<i>Centella asiatica</i> Gotu Kola; Pennywort	1	37.4
<i>Ceratonia siliqua</i> Locust Bean; St.John's-Bread; Carob	1	110920.0
<i>Chaenomeles lagenaria</i> Mu-Kua; Chinese Quince	1	42.0
<i>Chamaemelum nobile</i> Roman Camomile; Perennial Camomile; Garden Camomile	1	
<i>Chamissoa altissima</i> Guanique	1	
<i>Chenopodium album</i> Lambsquarter	2	32280.0
<i>Chondrus crispus</i> Irish Moss	1	88.0
<i>Chrysanthemum parthenium</i> Feverfew	1	
<i>Cicer arietinum</i> Chickpea; Garbanzo	2	41220.0

Plant	# Chemicals	Total PPM
<i>Cichorium intybus</i> Succory; Chicory; Witloof	2	29784.0
<i>Cichorium endivia</i> Endive; Escarole	2	20260.0
<i>Cimicifuga racemosa</i> Black Cohosh; Black Snakeroot	1	
<i>Cimicifuga dahurica</i> Sheng Ma	1	36.0
<i>Cinnamomum verum</i> Cinnamon; Ceylon Cinnamon	1	108.0
<i>Cinnamomum sieboldii</i> Japanese Cinnamon	1	120.0
<i>Cinnamomum burmannii</i> Java Cinnamon; Padang Cassia	1	20.0
<i>Cinnamomum aromaticum</i> Canelle de Cochinchine (Fr.); Cannelier Casse (Fr.); Cassia Lignea; Canela de la China (Sp.); Cassia; Chinese Cinnamon; Chinazimt (Ger.); Chinesischer Zimtbaum (Ger.); Chinese Cassia; Kashia-Keihi (Jap.); Zimt cassie (Ger.); Canelero chino (Sp.); China Junk Cassia; Cannelier de Chine (Fr.); Cassia Bark; Saigon Cinnamon	1	20.0
<i>Cistanche salsa</i> Jou Tsung Jung; Broomrape; Cistanchis Herba	1	26.0
<i>Citrullus lanatus</i> Watermelon	2	107114.0
<i>Citrus sinensis</i> Orange	2	9842.0
<i>Citrus reticulata</i> Tangerine; Mandarin	2	7108.0
<i>Citrus paradisi</i> Grapefruit	2	1551.0
<i>Citrus medica</i> Citron	1	28.0
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	1	32.0
<i>Citrus aurantiifolia</i> Lime	1	18.0
<i>Cnicus benedictus</i> Blessed Thistle	1	
<i>Cnidium officinale</i> Jih-Chiung	1	32.0
<i>Cnidioscolus chayamansa</i> Chaya	1	69440.0
<i>Coccinia grandis</i> Kundree; Little Gourd; Tindora; Kanduri; Tindori; Pepasan; Ivy Gourd	1	
<i>Cocos nucifera</i> Nariyal; Coconut Palm; Coconut; Cocotero (Sp.); Copra; Kokospalme (Ger.)	2	42.0
<i>Coix lacryma-jobi</i> Adlay Millet; Yi-Yi-Ren; Job'S-Tears; Adlay	1	40.0
<i>Colocasia esculenta</i> Taro	2	37845.2
<i>Coptis</i> spp Generic Goldthread	1	1200.0
<i>Coptis japonica</i> Japanese Goldthread; Huang-Lia; Huang-Lian; Huang-Lien	1	1200.0
<i>Coptis chinensis</i> Huang-Lian; Chinese Goldthread; Huang-Lien	1	1200.0
<i>Corchorus olitorius</i> Nalta Jute; Mulukiya; Jew's Mallow	1	40370.0
<i>Coriandrum sativum</i> Cilantro; Coriander; Chinese Parsley	2	104.0
<i>Cornus officinalis</i> Chinese Dogwood	1	24.0
<i>Corylus avellana</i> Hazel; English Filbert; Cobnut; European Hazel; European Filbert	1	78.0
<i>Crataegus rhipidophylla</i> Hawthorn	1	
<i>Crataegus laevigata</i> Hawthorn; Whitethorn; Woodland Hawthorn; English Hawthorn	1	
<i>Crataegus cuneata</i> Hawthorn	1	28.0
<i>Crocus sativus</i> Saffron	1	
<i>Cryptotaenia japonica</i> Mitsuba; Stone Parsley; Ya Er Qin; Japanese Cryptotaenia; Japanese Honewort	1	
<i>Cucumis sativus</i> Cucumber	2	17530.0
<i>Cucumis melo</i> Persian Melon; Nutmeg Melon; Cantaloupe; Melon; Muskmelon; Netted Melon	1	62.0
<i>Cucurbita</i> spp Summer Squash	2	15902.0
<i>Cucurbita pepo</i> Pumpkin	2	137749.0
<i>Cucurbita maxima</i> Pumpkin	1	108.0
<i>Cucurbita foetidissima</i> Buffalo Gourd	1	

Plant	# Chemicals	Total PPM
<i>Cuminum cyminum</i> Cumin	1	116.0
<i>Curcuma longa</i> Turmeric; Indian Saffron	1	44.0
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	1	
<i>Cynanchum atratum</i> Pai-Wei; Bai-Wei	1	62.0
<i>Cynara cardunculus</i> Artichoke	1	72.0
<i>Cyperus rotundus</i> Nutsedge	1	66.0
<i>Cypripedium pubescens</i> Ladyslipper	1	134.0
<i>Cyrtosperma chamissonis</i> Swamp Taro	1	100.0
<i>Daucus carota</i> Carrot	2	7198.0
<i>Dendrobium nobile</i> Noble Dendrobium	1	52.0
<i>Dioscorea villosa</i> Wild Yam	1	
<i>Dioscorea</i> sp. Wild Yam	1	112.0
<i>Dioscorea pentaphylla</i> Mountain Yam	1	12070.0
<i>Dioscorea bulbifera</i> Potato Yam; Air Potato	1	24.0
<i>Dioscorea alata</i> Greater Yam; Winged Yam	1	34.0
<i>Diospyros virginiana</i> American Persimmon	1	374.0
<i>Drynaria fortunei</i> Fortune's Fern	1	34.0
<i>Dryopteris marginalis</i> Marginal Wood Fern; Marginal Fern	1	
<i>Echinacea</i> spp Echinacea; Coneflower	1	56.1
<i>Echinacea purpurea</i> Echinacea; Eastern Purple-Coneflower; Purple-Coneflower	1	
<i>Elaeagnus umbellatus</i> Russian Olive	1	
<i>Elettaria cardamomum</i> Cardamom	1	56.0
<i>Eleutherococcus senticosus</i> Spiny Ginseng; Siberian Ginseng; Eleuthero Ginseng; Wu jia; Ci wu jia (Pinyin)	1	
<i>Elytrigia repens</i> Couchgrass; Wheatgrass; Twitchgrass; Doggrass; Quackgrass	1	
<i>Ephedra</i> spp Ma-Huang	1	16.0
<i>Ephedra sinica</i> Chinese Ephedra; Ma Huang	1	23.1
<i>Equisetum hyemale</i> Scouring Rush; Horsetail	1	20.0
<i>Equisetum arvense</i> Field Horsetail; Horsetail	1	
<i>Eriobotrya japonica</i> Loquat	1	56.0
<i>Eriocaulon</i> sp Oriental Pipewort	1	42.0
<i>Eriodictyon californicum</i> Yerba Santa; Hierba Santa; Bear's Weed; Holy Herb; Gum Bush; Mountain Balm; California Yerba Santa; Consumptive's Weed; Tarweed	1	
<i>Erythroxylum novogranatense</i> Coca	1	110.0
<i>Erythroxylum coca</i> Coca	1	58.0
<i>Eucommia ulmoides</i> Gutta-Percha Tree; Tu Chung; Du Zhong	1	28.0
<i>Euodia rutaecarpa</i> Wou Chou Yu	1	36.0
<i>Eupatorium perfoliatum</i> Boneset	1	
<i>Euphrasia officinalis</i> Eyebright	1	38.5
<i>Fagopyrum esculentum</i> Buckwheat	1	23820.0
<i>Fallopia japonica</i> Giant Knotweed; Hu-Zhang; Mexican Bamboo; Japanese Knotweed	1	98.0
<i>Ficus carica</i> Higuera Comun (Sp.); Figueira (Port.); Higo (Sp.); Figuier Commun (Fr.); Fig; Fico (Ital.); Echte Feige (Ger.); Feigenbaum (Ger.)	2	1642.0
<i>Firmiana simplex</i> Chinese Parasol	1	50.0

Plant	# Chemicals	Total PPM
<i>Foeniculum vulgare</i> Fennel	2	14986.0
<i>Forsythia suspensa</i> Lian-Jiao; Lien-Chiao	1	34.0
<i>Fragaria</i> spp Strawberry	2	6202.0
<i>Frangula purshiana</i> Cascara Buckthorn; Cascara Sagrada	1	
<i>Fraxinus rhynchophylla</i> Chinese Ash	1	34.0
<i>Fritillaria thunbergii</i> Bei-Mu; Fritillary	1	24.0
<i>Fucus vesiculosus</i> Kelp; Bladderwrack	1	6.6
<i>Gardenia jasminoides</i> Gardenia; Jasmin; Shan-Chih-Tzu; Zhi Zi; Cape Jasmine; Shan-Zhi-Zi	1	34.0
<i>Gastrodia elata</i> Tian Ma	1	24.0
<i>Genipa americana</i> Genipap; Jagua	1	60.0
<i>Gentiana scabra</i> Japanese Gentian	1	36.0
<i>Gentiana lutea</i> Yellow Gentian; Gentian	1	31.9
<i>Geranium thunbergii</i> Oriental Geranium; Gennoshiouko	1	56.0
<i>Ginkgo biloba</i> Maidenhair Tree; Ginkgo	2	20857.0
<i>Glechoma hederacea</i> Alehoof	1	106.0
<i>Glehnia littoralis</i> Bei Sha Shen	1	52.0
<i>Glycine max</i> Soybean	2	62080.0
<i>Glycyrrhiza uralensis</i> Chinese Licorice; Gan-Cao; Kan-Tsao	1	26.0
<i>Glycyrrhiza glabra</i> Smooth Licorice; Licorice; Licorice-Root; Commom Licorice	1	3.3
<i>Gymnema sylvestre</i> Gymnema; Miracle Fruit	1	
<i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant	2	19.8
<i>Helianthus tuberosus</i> Jerusalem Artichoke	2	23382.0
<i>Helianthus annuus</i> Sunflower; Girasol	2	164108.0
<i>Hibiscus sabdariffa</i> Rosa de Jamaica (Sp.); Malventee (Ger.); Red Sorrel; Acedera de Guinea (Sp.); Roselle; Rosella (Ger.); Jamaica Sorrel; Kharkadi; Sereni (Sp.); Indian Sorrel; Sorrel	1	
<i>Hordeum vulgare</i> Barley; Barleygrass	1	142.0
<i>Houttuynia cordata</i> Fishwort; Dokudami; Yu Xing Cao	1	112.0
<i>Humulus lupulus</i> Hops	2	
<i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea	1	
<i>Hydrastis canadensis</i> Goldenseal	1	17.6
<i>Hyoscyamus niger</i> Henbane	1	96.0
<i>Inula helenium</i> Elecampane	1	
<i>Ipomoea batatas</i> Sweet Potato	2	5692.0
<i>Ipomoea aquatica</i> Water Spinach; Swamp Cabbage	2	39494.0
<i>Isatis tinctoria</i> Dyer's Woad	1	80.0
<i>Juglans regia</i> English Walnut	2	
<i>Juglans nigra</i> Black Walnut	2	92.0
<i>Juglans cinerea</i> Butternut	2	100674.0
<i>Juncus effusus</i> Rush	1	76.0
<i>Juniperus virginiana</i> Red Cedar	1	634.0
<i>Juniperus communis</i> Common Juniper; Juniper	1	
<i>Jussiaea repens</i> Pond Dragon; Jussiaeae Herba	1	80.0
<i>Lablab purpureus</i> Bonavist Bean; Lablab Bean; Hyacinth Bean	2	38916.0

Plant	# Chemicals	Total PPM
<i>Lactuca sativa</i> Lettuce	2	25614.0
<i>Lagenaria siceraria</i> White-Flowered Gourd; Calabash Gourd	2	6594.0
<i>Larrea tridentata</i> Chaparral; Creosote Bush	2	6200.0
<i>Lens culinaris</i> Lentil	2	89722.0
<i>Lentinus edodes</i> Shiitake	1	
<i>Lepidium meyenii</i> Peruvian Ginseng; Maca	2	
<i>Ligustrum lucidum</i> Privet; White Waxtree; Glossy Privet; Chinese Privet; <i>Ligustri Fructus</i>	1	48.0
<i>Ligustrum japonicum</i> <i>Ligustri Fructus</i> ; Japanese Privet	1	48.0
<i>Linum usitatissimum</i> Flax; Linseed	2	18000.554
<i>Lippia javanica</i> Umsuzwane (Zulu); Lemon Bush	1	
<i>Liquidambar styraciflua</i> Sweetgum; American Styrax	1	676.0
<i>Lobelia inflata</i> Indian Tobacco; Lobelia	1	4.4
<i>Lonicera japonica</i> Japanese Honeysuckle	1	42.0
<i>Lophatherum gracile</i> Dan Zhu Ye	1	50.0
<i>Lupinus albus</i> White Lupine	2	88906.0
<i>Lycium chinense</i> Gou Qi (Chin.); Chinesischer Bocksdorn (Ger.); Chinese Boxthorn; Chinese Wolfberry; Daun Koki (Indones.); <i>Spina Santa</i> Chinese (Ital.); Lyciet de Chine (Fr.); Kaulichai (Malays.); Kuko (Jap.); Wolfberry; Chinese Matrimony Vine	1	86.0
<i>Lycium barbarum</i> Ning Xia Gou Qi (Chin.); Matrimony Vine; Barbary Matrimony Vine; Common Matrimony Vine; Duke of Argyll's Eta Tree	1	
<i>Lycopersicon esculentum</i> Tomato	2	7514.0
<i>Lycopodium clavatum</i> Antler Herb; Clubmoss	2	56.0
<i>Lygodium japonicum</i> Climbing Fern	1	46.0
<i>Macadamia</i> spp Macadamia	2	18536.0
<i>Magnolia officinalis</i> Chinese Magnolia; Magnolia-Bark; Hou Pu	1	18.0
<i>Magnolia kobus</i> Xin-Yi; Hsin-I	1	50.0
<i>Magnolia fargesii</i> Hsin-I; Xin-Yi	1	50.0
<i>Magnolia denudata</i> Hsin-I; Xin-Yi	1	50.0
<i>Malus domestica</i> Apple	2	816.0
<i>Mangifera indica</i> Mango	2	6822.8
<i>Manihot esculenta</i> Yuca; Tapioca; Cassava	2	19978.0
<i>Medicago sativa</i> Lucerne; Alfalfa	2	
<i>Melia azedarach</i> Chinaberry	1	
<i>Mentha x piperita</i> Peppermint	2	
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	2	
<i>Mentha pulegium</i> European Pennyroyal	1	112.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Japanese Mint; Cornmint; Field Mint	1	56.0
<i>Momordica charantia</i> Bitter Melon; Sorosi	1	
<i>Morinda</i> sp Morinda	1	30.0
<i>Moringa oleifera</i> Jacinto (Sp.); Moringa; Benzolive Tree; Ben Nut; Drumstick Tree; Horseradish Tree; West Indian Ben	1	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	1	28.0
<i>Mucuna pruriens</i> Cowage; Velvetbean	1	52360.0
<i>Murraya</i> sp None	2	6236.0

Plant	# Chemicals	Total PPM
<i>Musa x paradisiaca</i> Banana; Plantain	2	4953.5
<i>Myrica cerifera</i> Southern Bayberry; Candle-Berry; Wax Myrtle; Bayberry	1	
<i>Myristica fragrans</i> nogal moscado (Sp.); Muskatnussbaum (Ger.); nuez moscada (Sp.); Mace; Nutmeg	1	80.0
<i>Nardostachys chinensis</i> Chinese Spikenard	1	44.0
<i>Nasturtium officinale</i> Watercress; Berro	2	60000.0
<i>Nelumbo nucifera</i> Water Lotus	2	28960.0
<i>Nepeta cataria</i> Catnip	1	
<i>Nigella sativa</i> Roman Coriander; Black Cumin; Fennel-Flower; Nutmeg-Flower; Black Caraway	1	106100.0
<i>Notopterygium incisum</i> Qiang Huo	1	32.0
<i>Nyssa sylvatica</i> Black Tupelo; Black Gum	1	374.0
<i>Ocimum basilicum</i> Sweet Basil; Cuban Basil; Basil	2	13252.0
<i>Oenothera biennis</i> Evening-Primrose	2	30276.0
<i>Ophiopogon japonicus</i> Mai-Men-Tung; Mai-Men-Dong	1	32.0
<i>Opuntia ficus-indica</i> Indian Fig; Nopal; Prickly Pear; Nopalito	2	64140.0
<i>Origanum vulgare</i> Oregano; European Oregano; Pot Marjoram; Common Turkish Oregano; Wild Marjoram; Wild Oregano	1	98.0
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	1	86.0
<i>Pachyrhizus erosus</i> Yambean	1	13270.0
<i>Paeonia suffruticosa</i> Moutan; Tree Peony; Moutan Peony	1	30.0
<i>Paeonia officinalis</i> Double Peony	1	
<i>Paeonia moutan</i> Tree Peony; Moutan	1	30.0
<i>Paeonia lactiflora</i> White Peony; Common Garden Peony; Bai Shao (Chinese); Peony; Chih-Shao	1	48.0
<i>Panax quinquefolius</i> Ginseng; American Ginseng	2	35458.0
<i>Panax japonicus</i> Japanese Ginseng	1	40.0
<i>Panax ginseng</i> Chinese Ginseng; Ginseng; Oriental Ginseng; Korean Ginseng	2	
<i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy	2	43062.0
<i>Papaver bracteatum</i> Great Scarlet Poppy	1	43300.0
<i>Parthenium integrifolium</i> Prairie-Dock; Wild Quinine; Missouri Snakeroot; Feverfew; American Feverfew	1	
<i>Passiflora incarnata</i> Manzana de Mayo; Passionflower; Mayapple	1	
<i>Pastinaca sativa</i> Parsnip	1	140.0
<i>Perideridia gairdneri</i> Squaw Root	1	17908.0
<i>Perilla frutescens</i> Perilla	1	100.0
<i>Persea americana</i> Avocado	2	4618.0
<i>Petasites japonicus</i> Butterbur	1	120.0
<i>Petroselinum crispum</i> Parsley	1	
<i>Peucedanum decursivum</i> Qian Hu	1	84.0
<i>Phaseolus vulgaris</i> French Bean; Snap Bean; String Bean; Haricot Bean; Dwarf Bean; Kidney Bean; Navy Bean; Haricot; Haricot Vert; Field Bean; Pop Bean; Green Bean; Flageolet Bean; Garden Bean; Popping Bean; Wax Bean; Black Bean	2	94490.0
<i>Phaseolus lunatus</i> Lima Bean; Butter Bean	2	30980.0
<i>Phaseolus coccineus</i> Scarlet Runner Bean	1	4.0
<i>Phaseolus acutifolius</i> Tepary Bean	1	
<i>Phellodendron amurense</i> Po Mu; Amur Cork Tree; Huang Bai; Huang Po	1	52.0
<i>Phoenix dactylifera</i> Date Palm	2	4246.0

Plant	# Chemicals	Total PPM
<i>Phyllanthus emblica</i> Emblic; Myrobalan	2	1920.0
<i>Physalis ixocarpa</i> Tomatillo	1	142.0
<i>Phytelephas aequatorialis</i> EQUATORIAL IVORY PALM	1	
<i>Pimenta dioica</i> Jamaica-Pepper; Pimento; Allspice; Clover-Pepper; Pimenta	1	40.0
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	118.0
<i>Pinellia ternata</i> Ban-Xia; Pan-Hsia	2	36.0
<i>Pinus pinea</i> Pignolia; Italian Stone Pine	2	
<i>Pinus edulis</i> Pinyon Pine	2	
<i>Pinus echinata</i> Shortleaf Pine	1	176.0
<i>Piper nigrum</i> Black Pepper; Pepper; White Pepper	2	240071.4
<i>Piper cubeba</i> Cubeb; Cubeb Pepper	1	
<i>Pistacia vera</i> Pistachio	2	45540.0
<i>Pisum sativum</i> Pea	2	67120.0
<i>Plantago psyllium</i> Psyllium	1	23.1
<i>Plantago major</i> Common Plantain	1	
<i>Plantago asiatica</i> Asian Plantain	1	62.0
<i>Platycodon grandiflorum</i> Jie-Geng; Chieh-Keng; Balloon Flower	1	36.0
<i>Polygala tenuifolia</i> Chinese Senega	1	24.0
<i>Polygonum multiflorum</i> Fleeceflower; Chinese Knotweed; Fo Ti; Chinese Cornbind; He Shou Wu	1	16.0
<i>Polystichum polyblepharum</i> Chinese Polystichum	1	120.0
<i>Portulaca oleracea</i> Verdolaga; Purslane	2	20920.0
<i>Prunella vulgaris</i> Heal-All; Self-Heal	1	50.0
<i>Prunus serotina</i> Black Cherry; Wild Cherry	1	816.0
<i>Prunus persica</i> Peach	2	3053.0
<i>Prunus dulcis</i> Almond	2	52270.0
<i>Prunus domestica</i> Plum	2	2018.0
<i>Prunus cerasus</i> Sour Cherry	2	14.0
<i>Prunus armeniaca</i> Apricot	2	6676.0
<i>Psidium guajava</i> Guava	2	3064.0
<i>Psidium cattleianum</i> Strawberry Guava	1	1550.0
<i>Psophocarpus tetragonolobus</i> Goa Bean; Winged Bean; Asparagus Pea	2	75974.0
<i>Psoralea esculenta</i> Prairie Potato; Indian Bread-Root; Prairie Turnip; Breadroot; Indian Turnip; Prairie Apple	1	15952.0
<i>Pueraria pseudohirsuta</i> Chinese Kudzu	1	60.0
<i>Pulsatilla chinensis</i> Chinese Anemone	1	48.0
<i>Pyrus communis</i> Pear	2	917.2
<i>Quercus velutina</i> Black Oak	1	186.0
<i>Quercus stellata</i> Post Oak	1	104.0
<i>Quercus rubra</i> Northern Red Oak	1	310.0
<i>Quercus phellos</i> Willow Oak	1	184.0
<i>Quercus alba</i> White Oak	1	390.4
<i>Quisqualis indica</i> Rangoon Creeper	1	44.0
<i>Raphanus sativus</i> Radish	2	202.0

Plant	# Chemicals	Total PPM
<i>Rehmannia glutinosa</i> Chinese Foxglove	2	174028.0
<i>Rheum rhabarbarum</i> Rhubarb	1	92.0
<i>Rheum palmatum</i> Chinese Rhubarb	1	20.0
<i>Rhizophora mangle</i> Red Mangrove	1	86.0
<i>Rhodymenia palmata</i> Dulse	1	78.0
<i>Rhus glabra</i> Smooth Sumac	1	416.0
<i>Rhus copallina</i> Dwarf Sumac; Winged Sumac	1	448.0
<i>Ribes uva-crispa</i> Gooseberry	1	32.0
<i>Ribes rubrum</i> Red Currant; White Currant	1	32.0
<i>Ribes nigrum</i> Black Currant	2	112.0
<i>Rosa laevigata</i> Cherokee Rose	1	30.0
<i>Rosa canina</i> Rose; Dogbrier; Dog Rose	1	
<i>Rosmarinus officinalis</i> Rosemary	2	76.0
<i>Rubia cordifolia</i> Madder	1	78.0
<i>Rubus idaeus</i> Raspberry; Red Raspberry	1	
<i>Rubus chingii</i> Chinese Raspberry	1	56.0
<i>Rubus chamaemorus</i> Cloudberry	1	80.0
<i>Rumex crispus</i> Sour Dock; Yellow Dock; Lengua De Vaca; Curly Dock	1	
<i>Rumex acetosa</i> Garden Sorrel	1	40.0
<i>Ruscus aculeatus</i> Butcher's Broom; Box-Holly	1	
<i>Salix alba</i> White Willow	1	23.1
<i>Salvia officinalis</i> Sage	1	64.9
<i>Salvia miltiorrhiza</i> Tan-Shen; Red Sage; Dan-Shen	1	24.0
<i>Sambucus nigra</i> European Elder; Black Elder; European Elderberry; European Alder; Elder	1	
<i>Sambucus canadensis</i> American Elder; American Elderberry; Sweet Elder; Elderberry	1	4652.0
<i>Santalum acuminatum</i> Sweet Quandong; Quandong; Quandong Nut	1	
<i>Sassafras albidum</i> Sassafras	1	247.0
<i>Schisandra chinensis</i> Five-Flavor-Fruit; Wu Wei Zi; Chinese Magnolia Vine; Wu Wei Zu; Magnolia Vine; Schizandra	1	
<i>Schizonepeta tenuifolia</i> Jing-Jie; Ching-Chieh	1	56.0
<i>Scrophularia buergeriana</i> Yuan-Shen; Hsuan-Shen	1	26.0
<i>Scutellaria lateriflora</i> Scullcap; Mad-Dog Skullcap	1	94.6
<i>Scutellaria baicalensis</i> Huang Qin; Chinese Skullcap; Baikal Skullcap	2	36.0
<i>Secale cereale</i> Rye	2	
<i>Sechium edule</i> Chayote	2	11006.0
<i>Senna occidentalis</i> Coffee Senna	1	82.0
<i>Senna obtusifolia</i> Sicklepod	2	20552.0
<i>Senna alexandrina</i> True Senna; Indian Senna; Alexandran senna	1	
<i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto	1	
<i>Sesamum indicum</i> Sesame; Benneseed; Sesamo (Sp.); Ajonjoli (Sp.); Beni	2	74134.0
<i>Siegesbeckia orientalis</i> Hsi Chien; Saint Paul'Swort	1	34.0
<i>Silybum marianum</i> Lady's Thistle; Milk Thistle	1	36.3
<i>Simmondsia chinensis</i> Jojoba	1	32.0

Plant	# Chemicals	Total PPM
<i>Sinapis alba</i> White Mustard	2	37572.0
<i>Sinomenium acutum</i> Ching-Feng-Teng	1	30.0
<i>Smilax</i> spp Sarsaparilla	1	28.6
<i>Smilax officinalis</i> Sarsaparilla	1	
<i>Solanum tuberosum</i> Potato	2	13788.2
<i>Solanum melongena</i> Eggplant; Aubergine	2	15169.2
<i>Sophora subprostrata</i> Shan Dou Gen	1	28.0
<i>Sophora angustifolia</i> Narrowleaf Sophora	1	48.0
<i>Sorbus aucubaria</i> Rowan Berry	1	36.0
<i>Spinacia oleracea</i> Spinach	2	38848.0
<i>Spirulina</i> spp. Spirulina	1	
<i>Spondias tuberosa</i> Imbu; Umbu	1	2.66
<i>Spondias dulcis</i> Ambarella	1	3.8
<i>Stachys officinalis</i> Purple Betony; Wood Betony; Bishop's-Wort; Betony	2	
<i>Stellaria media</i> Chickweed; Common Chickweed	1	57.2
<i>Stevia rebaudiana</i> Ca-A-E; Sweet Leaf of Paraguay; Stevia	1	
<i>Symphoricarpos orbiculatus</i> Buckbush	1	184.0
<i>Symphytum officinale</i> Comfrey	1	5.6
<i>Syzygium aromaticum</i> Clove; Clovetree	1	60.0
<i>Tabebuia heptaphylla</i> Pau D'Arco	1	7.7
<i>Tanacetum parthenium</i> Feverfew	1	
<i>Taraxacum officinale</i> Dandelion	1	61.3
<i>Taraxacum mongolicum</i> Mongoloid Dandelion	1	68.0
<i>Tephrosia candida</i> White Tephrosia	1	52.0
<i>Terminalia chebula</i> Myrobalan; Chebulic Myrobalan; Ink Nut; Black Myrobalan	1	
<i>Tetrapanax papyrifera</i> Tong-Cao; Rice Paper Tree; Tung-Tsao	1	84.0
<i>Theobroma cacao</i> Cacao	1	1600.0
<i>Thymus vulgaris</i> Common Thyme; Garden Thyme; Thyme	1	164.5
<i>Trachyspermum ammi</i> Ajwan	1	86.0
<i>Tragopogon porrifolius</i> Salsify	1	4.0
<i>Trifolium pratense</i> Purple Clover; Peavine Clover; Cowgrass; Red Clover	2	
<i>Trigonella foenum-graecum</i> Alholva (Sp.); Greek Hay; Fenugreek; Bockshornklee (Ger.); Greek Clover	2	54230.0
<i>Triticum aestivum</i> Wheat	2	24038.0
<i>Turnera diffusa</i> Damiana	1	
<i>Tussilago farfara</i> Coltsfoot	1	50.0
<i>Ulmus rubra</i> Slippery Elm; Red Elm	1	
<i>Urtica dioica</i> European Nettle; Stinging Nettle	2	99.7
<i>Vaccinium vitis-idaea</i> Lingonberry; Cowberry; Lingen	1	28.0
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Bilberry; Whortleberry	1	48.7
<i>Vaccinium macrocarpon</i> Large Cranberry; American Cranberry; Cranberry	1	
<i>Vaccinium corymbosum</i> Blueberry	2	4434.0
<i>Valeriana officinalis</i> Common Valerian; Garden-Heliotrope; Valerian	2	

Plant	# Chemicals	Total PPM
<i>Valerianella radicata</i>	1	
<i>Valerianella locusta</i> Lamb's Lettuce; Corn Salad	2	25280.0
<i>Verbascum thapsus</i> Flannelplant; Mullein; Velvetplant; Flannelleaf; Great Mullein	1	4.4
<i>Viburnum opulus</i> European Cranberry Bush; Guelder Rose; Snowballbush; Crampbark	1	34.0
<i>Vicia faba</i> Broadbean; Habas; Faba Bean	1	48740.0
<i>Vigna unguiculata</i> Yardlong Bean; Asparagus Bean; Pea Bean	2	69140.0
<i>Vigna radiata</i> Green Gram; Mungbean	2	78310.0
<i>Vigna angularis</i> Adzuki Bean	2	29784.0
<i>Vigna aconitifolia</i> Moth Bean; Mat Bean	1	42.0
<i>Viscum album</i> European Mistletoe	2	172.0
<i>Vitellaria paradoxa</i> Butterseed; Shea; Shea-Butter-Tree; Shea Nut; Sheatree	1	
<i>Vitis vinifera</i> European Grape; Grapevine; Vigne Vinifere (Fr.); Weinrebe (Ger.); Wine Grape; Vid (Sp.); Parra (Sp.); Grape	2	5244.0
<i>Xanthosoma sagittifolium</i> Yautia; Tannia; Malanga	1	38.0
<i>Xylopia aethiopica</i> Ethiopian Pepper; Negro Pepper; Maniguete (Sp.); Mohrenpfeffer (Ger.); Pimienta de Guinea (Sp.); Guinea Pepper; Spice Tree	1	
<i>Yucca baccata</i> Yucca; Blue Yucca; Banana Yucca; Spanish Bayonet	1	15.4
<i>Zea mays</i> Corn	2	10940.0
<i>Zingiber officinale</i> Ginger	2	5086.0
<i>Zizyphus jujuba</i> Jujube; Da-Zao; Ta-Tsao	1	42.0