

# A Neurotransmitter

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

Plant	# Chemicals	Total PPM
Abelmoschus manihot Manioc Hibiscus	1	9724.0
Abelmoschus esculentus Okra	1	12000.0
Acacia senegal Sudan Gum Arabic; Gum Arabic Tree; Senegal Gum; Gum Arabic; Kher	1	
Acacia nilotica Babul	1	
Acacia catechu Catechu; Black Cutch	1	
Acanthopanax gracilistylis Wu Chia Pi	1	5680.0
Achillea millefolium Milfoil; Yarrow	1	3840.0
Achyranthes bidentata Chaff Flower	2	11460.0
Aconitum carmichaelii Fu-Tsu; Aconite	1	980.0
Acorus calamus Sweetflag; Sweet Calamus; Sweetroot; Myrtle Flag; Calamus; Flagroot	1	2200.0
Actaea racemosa Black Cohosh; Black Snakeroot	1	
Actaea dahurica Sheng ma; Xing an sheng ma	1	
Actinidia chinensis Kiwi	1	3540.0
Aframomum melegueta Alligator Pepper; Grains-of-Paradise; Malagettapfeffer (Ger.); Guinea Grains; Melegueta Pepper; Malagueta (Sp.)	1	
Agathosma betulina Mountain Buchu; Buchu; Honey Buchu	1	4420.0
Akebia quinata Chocolate Vine	1	1680.0
Albizia julibrissin Mimosa	1	2180.0
Alisma plantago-aquatica Mud Plantain; Tse-Hsieh; Ze-Xie; Water Plantain	1	3480.0
Allium schoenoprasum Chives	1	13750.0
Allium sativum var. sativum Garlic	1	2420.0
Allium cepa Shallot; Onion	1	2460.0
Alocasia macrorrhiza Giant Taro	1	3500.0
Aloe vera Bitter Aloes; Aloe	1	1860.0
Aloe spp. Aloe	1	
Althaea officinalis White Mallow; Marshmallow	1	10360.0
Amaranthus sp. Pigweed	1	13232.0
Amomum xanthioides Tavoy Cardamom; Bastard Cardamom; Malabar Cardamom; Chin Kousha	1	7080.0
Amorphophallus konjac Snake Palm; Leopard Palm; Devil's Tongue; Elephant Yam; Umbrella Arum; Konjac	1	
Amorphophallus campanulatus Elephant-Foot Yam	1	6240.0
Amphicarpaea bracteata Hog Peanut	1	
Anacardium occidentale Cashew	1	4536.0
Ananas comosus Pineapple	4	2518.0
Anemarrhena asphodeloides Zhi-Mu; Chih-Mu	1	2400.0
Anethum graveolens Garden Dill; Dill	1	18726.0
Angelica sinensis Dong Gui; Dang Qui; Dong Quai; Chinese Angelica; Dang Gui; Dang Quai	3	5300.0
Angelica laxiflora Tu Huo	1	3900.0
Angelica dahurica Bai Zhi	1	7.34
Annona squamosa Sweetsop; Sugar-Apple	2	1570.0

Plant	# Chemicals	Total PPM
<i>Annona reticulata</i> Custard Apple	2	1260.0
<i>Annona muricata</i> Soursop	2	4800.0
<i>Annona cherimola</i> Cherimoya	1	4090.0
<i>Anthriscus cerefolium</i> Chervil	1	2800.0
<i>Apium graveolens</i> Celery	1	18376.0
<i>Arachis hypogaea</i> Peanut; Groundnut	3	21620.0
<i>Arctium lappa</i> Gobo; Burdock; Great Burdock	2	10740.0
<i>Arctostaphylos uva-ursi</i> Uva Ursi; Bearberry	1	2420.0
<i>Areca catechu</i> Betel Nut; Pin-Lang	1	1000.0
<i>Arisaema consanguineum</i> Chinese Jack-In-The-Pulpit	1	200.0
<i>Aristolochia debilis</i> Chinese Birthwort	1	3760.0
<i>Armoracia rusticana</i> Horseradish	1	10710.0
<i>Artemisia vulgaris</i> Mugwort	1	5400.0
<i>Artemisia herba-alba</i> Desert Wormwood	1	4120.0
<i>Artemisia dracunculus</i> Tarragon	3	6940.0
<i>Artemisia capillaris</i> Capillary Wormwood	1	2000.0
<i>Artocarpus heterophyllus</i> Jackfruit	2	2760.0
<i>Artocarpus altilis</i> Breadfruit	1	1950.0
<i>Asiasarum sieboldii</i> Siebold's Wild Ginger	1	5200.0
<i>Asiasarum heterotropoides</i> Asian Wild Ginger	1	5200.0
<i>Asimina triloba</i> Pawpaw	1	10256.0
<i>Aspalathus linearis</i> Rooibos; Kaffree Tea; Red Bush Tea	1	
<i>Asparagus officinalis</i> Asparagus	1	14000.0
<i>Asparagus lucidus</i> Lucid Asparagus	1	860.0
<i>Astragalus membranaceus</i> Huang-Chi; Huang Qi	2	6860.0
<i>Atractylodes ovata</i> Pai-Chu; Bai-Zhu	1	1920.0
<i>Atractylodes lancea</i> Cang Zhu	1	1580.0
<i>Avena sativa</i> Oats	1	32600.0
<i>Averrhoa carambola</i> Star Fruit; Carambola	1	
<i>Azadirachta indica</i> Neem	1	22200.0
<i>Barosma betulina</i> Buchu	1	4420.0
<i>Belamcanda chinensis</i> Blackberry Lily; Iris Tigre (Fr.); Leopardenblume (Ger.); Maravilla (Sp.); Shenan; Leopard Lily; Mariposa (Sp.)	1	1940.0
<i>Benincasa hispida</i> Waxgourd	1	9740.0
<i>Berberis vulgaris</i> Barberry	1	2860.0
<i>Bertholletia excelsa</i> Brazilnut-Tree; Brazilnut; Creamnut; Paranut	1	6740.0
<i>Beta vulgaris</i> Sugar Beet; Beet; Beetroot; Garden Beet	2	8400.0
<i>Blechnum orientale</i> Kuan Chung; Shield Fern	1	5160.0
<i>Bletilla striata</i> Hyacinth Orchid; Dai Chi (Chin.); Shiran (Jap.); Bletilla; Hardy Orchid; Chinese Ground Orchid; Hyacinth Bletilla	1	3780.0
<i>Borago officinalis</i> Borage; Talewort; Beeplant; Beebread	1	14872.0
<i>Brassica rapa</i> Celery Mustard; Bok-Choy; Chinese White Cabbage; Chinese Mustard; Pak-Choi; Chinese Cabbage; Celery Cabbage	1	4000.0
<i>Brassica pekinensis</i> Chinese Cabbage	1	6300.0

Plant	# Chemicals	Total PPM
<i>Brassica oleracea</i> var. <i>viridis</i> I. Collards; Tall Kale; Cow Cabbage; Tree Kale; Spring-Heading Cabbage	1	5572.0
<i>Brassica oleracea</i> var. <i>sabellica</i> I. Kitchen Kale; Kale; Curly Kale; Scotch Kale	2	4380.0
<i>Brassica oleracea</i> var. <i>italica</i> Cape Broccoli; Asparagus Broccoli; Broccoli; Sprouting Broccoli; Heading Broccoli; Purple Cauliflower; Winter Broccoli; Calabrese	1	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussels-Sprouts; Brussel-Sprout	1	3284.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Red Cabbage; Cabbage; White Cabbage	1	4456.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	1	10644.0
<i>Brassica oleracea</i> Kohlrabi	1	4220.0
<i>Brassica nigra</i> Black Mustard	1	4942.0
<i>Brassica napus</i> var. <i>napobrassica</i> Swede; Swedish Turnip; Rutabaga	1	5220.0
<i>Brassica juncea</i> Mustard Greens	1	7674.0
<i>Brassica chinensis</i> Chinese Mustard; Celery Mustard; Chinese Cabbage; Pak-Choi; Chinese White Cabbage; Bok-Choy; Celery Cabbage	1	11688.0
<i>Broussonetia papyrifera</i> Paper Mulberry	1	8060.0
<i>Bupleurum chinense</i> Chai-Hu	1	8390.0
<i>Camellia sinensis</i> Tea	1	4400.0
<i>Canavalia ensiformis</i> Jack Bean	1	4380.0
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Hot Pepper; Cayenne; Tabasco; Chili; Spur Pepper; Red Chili	1	4406.0
<i>Capsicum annuum</i> Bell Pepper; Cherry Pepper; Cone Pepper; Sweet Pepper; Green Pepper; Paprika	2	4680.0
<i>Carica papaya</i> Papaya	1	1873.0
<i>Carthamus tinctorius</i> Safflower	1	4120.0
<i>Carum carvi</i> Kummel (Ger.); Caraway; Comino (Sp.); Carum; Comino de prado (Sp.)	1	5726.0
<i>Carya ovata</i> Shagbark Hickory	1	45000.0
<i>Carya illinoensis</i> Pecan	1	1960.0
<i>Carya glabra</i> Pignut Hickory	1	48400.0
<i>Cassia tora</i> Sickle Senna	1	6360.0
<i>Castanea sativa</i> European Chestnut	1	1408.0
<i>Castanea mollissima</i> Chinese Chestnut	1	3062.0
<i>Castanea dentata</i> American Chestnut	1	2812.0
<i>Catalpa ovata</i> Hsin-Pa-Pi; Kisasage	1	3920.0
<i>Caulophyllum thalictroides</i> Blue Cohosh	1	2600.0
<i>Celosia cristata</i> Cockscomb	1	12160.0
<i>Centella asiatica</i> Pennywort; Gotu Kola	1	6400.0
<i>Chaenomeles lagenaria</i> Chinese Quince; Mu-Kua	1	1980.0
<i>Chamaemelum nobile</i> Perennial Camomile; Garden Camomile; Roman Camomile	1	5840.0
<i>Chamissoa altissima</i> Guanique	1	
<i>Chenopodium album</i> Lambsquarter	1	5840.0
<i>Chondrus crispus</i> Irish Moss	1	39200.0
<i>Chrysanthemum parthenium</i> Feverfew	1	4800.0
<i>Chrysanthemum coronarium</i> Garland Chrysanthemum	1	4570.0
<i>Cicer arietinum</i> Chickpea; Garbanzo	1	2696.0
<i>Cichorium intybus</i> Chicory; Succory; Witloof	1	7504.0

Plant	# Chemicals	Total PPM
<i>Cichorium endivia</i> Endive; Escarole	1	4800.0
<i>Cimicifuga racemosa</i> Black Snakeroot; Black Cohosh	1	3480.0
<i>Cimicifuga dahurica</i> Sheng Ma	1	2900.0
<i>Cinnamomum aromaticum</i> Canela de la China (Sp.); Cannelier de Chine (Fr.); Canelero chino (Sp.); Chinese Cassia; Chinesischer Zimtbaum (Ger.); Saigon Cinnamon; Cassia Bark; Cassia Lignea; Chinazimt (Ger.); Cannelle de Cochinchine (Fr.); China Junk Cassia; Kashia-Keihi (Jap.); Cassia; Cannelier Casse (Fr.); Chinese Cinnamon; Zimtcassie (Ger.)	1	3360.0
<i>Cistanche salsa</i> Jou Tsung Jung; Broomrape; Cistanchis Herba	1	1620.0
<i>Citrullus lanatus</i> Watermelon	1	3000.0
<i>Citrus sinensis</i> Orange	2	3610.0
<i>Citrus reticulata</i> Mandarin; Tangerine	2	3192.0
<i>Citrus paradisi</i> Grapefruit	1	4660.0
<i>Citrus medica</i> Citron	1	1900.0
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	1	3460.0
<i>Cnicus benedictus</i> Blessed Thistle	1	3540.0
<i>Cnidium officinale</i> Jih-Chiung	1	1700.0
<i>Cocos nucifera</i> Nariyal; Cocotero (Sp.); Copra; Coconut; Kokospalme (Ger.); Coconut Palm	2	1540.0
<i>Coix lacryma-jobi</i> Adlay; Job'S-Tears; Yi-Yi-Ren; Adlay Millet	1	2980.0
<i>Colocasia esculenta</i> Taro	1	8980.0
<i>Commiphora wightii</i> Guggul; Indian Bdellium-Tree	1	
<i>Coptis</i> spp Generic Goldthread	1	4840.0
<i>Coptis japonica</i> Japanese Goldthread; Huang-Lian; Huang-Lien; Huang-Lia	1	4840.0
<i>Coptis chinensis</i> Huang-Lian; Huang-Lien; Chinese Goldthread	1	4840.0
<i>Corchorus olitorius</i> Mulukiya; Nalta Jute; Jew's Mallow	1	10400.0
<i>Coriandrum sativum</i> Chinese Parsley; Coriander; Cilantro	2	23008.0
<i>Cornus officinalis</i> Chinese Dogwood	1	1660.0
<i>Corylus avellana</i> European Filbert; English Filbert; Hazel; European Hazel; Cobnut	1	6312.0
<i>Crataegus</i> sp.	1	
<i>Crataegus rhipidophylla</i> Hawthorn	3	
<i>Crataegus monogyna</i> English Hawthorn; Hawthorn	1	
<i>Crataegus laevigata</i> Whitethorn; Woodland Hawthorn; Hawthorn; English Hawthorn	3	1880.0
<i>Crataegus cuneata</i> Hawthorn	1	1520.0
<i>Cucumis sativus</i> Cucumber	1	14000.0
<i>Cucumis melo</i> Persian Melon; Netted Melon; Cantaloupe; Melon; Muskmelon; Nutmeg Melon	1	6600.0
<i>Cucurbita</i> spp Summer Squash	1	7280.0
<i>Cucurbita pepo</i> Pumpkin	3	27006.0
<i>Cucurbita maxima</i> Pumpkin	1	5504.0
<i>Cuminum cyminum</i> Cumin	1	
<i>Curcuma longa</i> Indian Saffron; Turmeric	1	
<i>Cymbopogon citratus</i> West Indian Lemongrass; Lemongrass	1	6620.0
<i>Cynanchum atratum</i> Bai-Wei; Pai-Wei	1	4420.0
<i>Cynara cardunculus</i> Artichoke	1	8550.0
<i>Cyperus rotundus</i> Nutsedge	1	3000.0
<i>Cypripedium pubescens</i> Ladyslipper	1	2180.0

Plant	# Chemicals	Total PPM
<i>Cyrtosperma chamissonis</i> Swamp Taro	1	2430.0
<i>Cytisus scoparius</i> Scotch Broom	1	
<i>Daucus carota</i> Carrot	2	3960.0
<i>Dendrobium nobile</i> Noble Dendrobium	1	1040.0
<i>Digitalis purpurea</i> Purple Foxglove	1	
<i>Digitalis lanata</i> Grecian Foxglove	1	
<i>Dioscorea villosa</i> Wild Yam	1	
<i>Dioscorea</i> sp. Wild Yam	1	3260.0
<i>Dioscorea pentaphylla</i> Mountain Yam	1	1584.0
<i>Dioscorea bulbifera</i> Air Potato; Potato Yam	1	740.0
<i>Dioscorea alata</i> Winged Yam; Greater Yam	1	1654.0
<i>Diospyros virginiana</i> American Persimmon	1	20800.0
<i>Drynaria fortunei</i> Fortune's Fern	1	8280.0
<i>Dryopteris marginalis</i> Marginal Fern; Marginal Wood Fern	2	
<i>Echinacea</i> spp Echinacea; Coneflower	1	3720.0
<i>Echinacea purpurea</i> Echinacea; Purple-Coneflower; Eastern Purple-Coneflower	1	
<i>Elaeagnus umbellatus</i> Russian Olive	1	
<i>Elettaria cardamomum</i> Cardamom	1	
<i>Eleutherococcus senticosus</i> Siberian Ginseng; Spiny Ginseng; Ci wu jia (Pinyin); Eleuthero Ginseng; Wu jia	1	
<i>Elytrigia repens</i> Couchgrass; Quackgrass; Wheatgrass; Doggrass; Twitchgrass	1	15140.0
<i>Ephedra</i> spp Ma-Huang	1	9560.0
<i>Ephedra sinica</i> Ma Huang; Chinese Ephedra	1	4220.0
<i>Equisetum hyemale</i> Scouring Rush; Horsetail	1	2020.0
<i>Equisetum arvense</i> Field Horsetail; Horsetail	1	8740.0
<i>Eriobotrya japonica</i> Loquat	1	4960.0
<i>Eriocaulon</i> sp Oriental Pipewort	1	1340.0
<i>Eriodictyon californicum</i> Holy Herb; Hierba Santa; Tarweed; Gum Bush; Consumptive's Weed; Bear's Weed; California Yerba Santa; Mountain Balm; Yerba Santa	1	
<i>Erythroxylum novogranatense</i> Coca	1	27200.0
<i>Erythroxylum coca</i> Coca	1	11400.0
<i>Eucommia ulmoides</i> Gutta-Percha Tree; Tu Chung; Du Zhong	1	4160.0
<i>Euodia rutaecarpa</i> Wou Chou Yu	1	9900.0
<i>Eupatorium perfoliatum</i> Boneset	1	
<i>Eupatorium odoratum</i> Jack na bush	1	
<i>Euphrasia officinalis</i> Eyebright	1	8320.0
<i>Feijoa sellowiana</i> Guava Brazilera; Brazillian Guava	1	
<i>Ficus carica</i> Higo (Sp.); Figuier Commun (Fr.); Higuera Comun (Sp.); Feigenbaum (Ger.); Fig; Echte Feige (Ger.); Fico (Ital.); Figueira (Port.)	1	1744.0
<i>Firmiana simplex</i> Chinese Parasol	1	8960.0
<i>Foeniculum vulgare</i> Fennel	2	10024.0
<i>Forsythia suspensa</i> Lian-jiao; Lien-Chiao	1	2320.0
<i>Fragaria</i> spp Strawberry	2	3090.0
<i>Frangula purshiana</i> Cascara Sagrada; Cascara Buckthorn	1	3180.0

Plant	# Chemicals	Total PPM
<i>Fraxinus rhynchophylla</i> Chinese Ash	1	4140.0
<i>Fritillaria thunbergii</i> Bei-Mu; Fritillary	1	740.0
<i>Fucus vesiculosus</i> Kelp; Bladderwrack	1	17340.0
<i>Gardenia jasminoides</i> Gardenia; Shan-Zhi-Zi; Cape Jasmine; Zhi Zi; Shan-Chih-Tzu; Jasmin	1	4340.0
<i>Gastrodia elata</i> Tian Ma	1	1180.0
<i>Genipa americana</i> Jagua; Genipap	1	8800.0
<i>Gentiana scabra</i> Japanese Gentian	1	2300.0
<i>Gentiana lutea</i> Yellow Gentian; Gentian	1	5480.0
<i>Geranium thunbergii</i> Gennoshiouko; Oriental Geranium	1	3320.0
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	2	1207.0
<i>Glehnia littoralis</i> Bei Sha Shen	1	3300.0
<i>Glycine max</i> Soybean	1	6320.0
<i>Glycyrrhiza uralensis</i> Kan-Tsao; Chinese Licorice; Gan-Cao	1	10140.0
<i>Glycyrrhiza glabra</i> Commom Licorice; Licorice-Root; Smooth Licorice; Licorice	1	19300.0
<i>Gossypium</i> sp Cotton	1	
<i>Gymnema sylvestre</i> Gymnema; Miracle Fruit	1	
<i>Harpagophytum procumbens</i> Grapple Plant; Devil's Claw	1	10880.0
<i>Helianthus tuberosus</i> Jerusalem Artichoke	1	3600.0
<i>Helianthus annuus</i> Girasol; Sunflower	1	10352.0
<i>Hibiscus sabdariffa</i> Roselle; Red Sorrel; Indian Sorrel; Acedera de Guinea (Sp.); Rosa de Jamaica (Sp.); Sorrel; Malventee (Ger.); Rosella (Ger.); Jamaica Sorrel; Kharkadi; Sereni (Sp.)	1	2640.0
<i>Hippophae rhamnoides</i> Yellow Spine; Sea Buckthorn; Sallow Thorn	1	
<i>Hordeum vulgare</i> Barleygrass; Barley	1	12440.0
<i>Houttuynia cordata</i> Yu Xing Cao; Fishwort; Dokudami	1	6860.0
<i>Humulus lupulus</i> Hops	2	4760.0
<i>Hydrangea arborescens</i> Smooth Hydrangea; Hydrangea	1	3240.0
<i>Hydrastis canadensis</i> Goldenseal	1	5880.0
<i>Hyoscyamus niger</i> Henbane	2	10500.0
<i>Hypericum perforatum</i> Goatweed; Common St. Johnswort; Klamath Weed; Hypericum; St. John's-wort	1	
<i>Inula helenium</i> Elecampane	1	
<i>Ipomoea batatas</i> Sweet Potato	1	2660.0
<i>Ipomoea aquatica</i> Water Spinach; Swamp Cabbage	1	7620.0
<i>Isatis tinctoria</i> Dyer's Woad	1	8820.0
<i>Juglans regia</i> English Walnut	2	3445.0
<i>Juglans nigra</i> Black Walnut	2	4829.0
<i>Juglans cinerea</i> Butternut	1	5352.0
<i>Juncus effusus</i> Rush	1	1840.0
<i>Juniperus virginiana</i> Red Cedar	1	17600.0
<i>Juniperus communis</i> Juniper; Common Juniper	1	960.0
<i>Jussiaea repens</i> Jussiaeae Herba; Pond Dragon	1	7180.0
<i>Lablab purpureus</i> Hyacinth Bean; Lablab Bean; Bonavist Bean	1	11010.0
<i>Lactuca sativa</i> Lettuce	1	17400.0
<i>Lagenaria siceraria</i> White-Flowered Gourd; Calabash Gourd	1	4930.0

Plant	# Chemicals	Total PPM
<i>Lantana camara</i> Lantana; Wild Sage	1	2920.0
<i>Larrea tridentata</i> Creosote Bush; Chaparral	1	3440.0
<i>Lens culinaris</i> Lentil	1	5206.0
<i>Lentinus edodes</i> Shiitake	1	
<i>Ligustrum lucidum</i> Privet; Glossy Privet; <i>Ligustri Fructus</i> ; White Waxtree; Chinese Privet	1	2040.0
<i>Ligustrum japonicum</i> <i>Ligustri Fructus</i> ; Japanese Privet	1	2040.0
<i>Linum usitatissimum</i> Linseed; Flax	1	20204.0
<i>Liquidambar styraciflua</i> Sweetgum; American <i>Styrax</i>	1	28280.0
<i>Lobelia inflata</i> Indian Tobacco; Lobelia	1	3240.0
<i>Lonicera japonica</i> Japanese Honeysuckle	1	5980.0
<i>Lophatherum gracile</i> Dan Zhu Ye	1	4980.0
<i>Luffa aegyptiaca</i> Luffa; Smooth Loofah; Vegetable Sponge	1	5600.0
<i>Lupinus albus</i> White Lupine	1	4400.0
<i>Lycium chinense</i> Chinese Wolfberry; <i>Kaukichai</i> (Malays.); Chinese Boxthorn; <i>Gou Qi</i> (Chin.); <i>Spina Santa</i> Chinese (Ital.); <i>Kuko</i> (Jap.); <i>Wolfberry</i> ; Chinese Matrimony Vine; <i>Daun Koki</i> (Indones.); <i>Lyciet de Chine</i> (Fr.); <i>Chinesischer Bocksdorn</i> (Ger.)	1	7340.0
<i>Lycium barbarum</i> <i>Ning Xia Gou Qi</i> (Chin.); Matrimony Vine; Barbary Matrimony Vine; Common Matrimony Vine; Duke of Argyll's Eta Tree	1	
<i>Lycopersicon esculentum</i> Tomato	2	21560.0
<i>Lycopodium clavatum</i> Antler Herb; Clubmoss	1	4680.0
<i>Lygodium japonicum</i> Climbing Fern	1	4540.0
<i>Macadamia</i> spp <i>Macadamia</i>	1	2380.0
<i>Magnolia officinalis</i> <i>Magnolia-Bark</i> ; Chinese <i>Magnolia</i> ; Hou Pu	1	1380.0
<i>Magnolia kobus</i> Hsin-I; Xin-Yi	1	4240.0
<i>Magnolia fargesii</i> Xin-Yi; Hsin-I	1	4240.0
<i>Magnolia denudata</i> Hsin-I; Xin-Yi	1	4240.0
<i>Malpighia glabra</i> Acerola	1	4190.0
<i>Malus domestica</i> Apple	1	956.0
<i>Mangifera indica</i> Mango	2	1750.0
<i>Manihot esculenta</i> Cassava; Yuca; Tapioca	1	4200.0
<i>Medicago sativa</i> Alfalfa; Lucerne	1	6700.0
<i>Mentha x piperita</i> Peppermint	1	13220.0
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	1	
<i>Mentha pulegium</i> European Pennyroyal	1	11000.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Cornmint; Japanese Mint; Field Mint	1	5660.0
<i>Momordica charantia</i> Bitter Melon; Sorosi	3	7600.0
<i>Morinda</i> sp <i>Morinda</i>	1	2400.0
<i>Moringa oleifera</i> Ben Nut; Drumstick Tree; Benzolive Tree; Moringa; Horseradish Tree; West Indian Ben; Jacinto (Sp.)	1	
<i>Morus alba</i> White Mulberry; Sang-Pai-Pi	2	4900.0
<i>Mucuna pruriens</i> Cowage; Velvetbean	1	
<i>Murraya</i> sp None	2	2236.0
<i>Murraya koenigii</i> Indian Curry Tree; Curry Leaf Tree; Curry Leaf	1	
<i>Musa x paradisiaca</i> Banana; Plantain	4	4169.0
<i>Myrica cerifera</i> Wax Myrtle; Southern Bayberry; Candle-Berry; Bayberry	1	980.0

Plant	# Chemicals	Total PPM
<i>Myristica fragrans</i> Mace; nuez moscada (Sp.); Nutmeg; nogal moscado (Sp.); Muskatnussbaum (Ger.)	1	7320.0
<i>Nardostachys chinensis</i> Chinese Spikenard	1	5180.0
<i>Nasturtium officinale</i> Watercress; Berro	1	8400.0
<i>Nelumbo nucifera</i> Water Lotus	1	7730.0
<i>Nepeta cataria</i> Catnip	1	4140.0
<i>Nicotiana tabacum</i> Tobacco	1	
<i>Notopterygium incisum</i> Qiang Huo	1	5960.0
<i>Nyssa sylvatica</i> Black Tupelo; Black Gum	1	27000.0
<i>Ocimum basilicum</i> Sweet Basil; Basil; Cuban Basil	1	8680.0
<i>Oenothera biennis</i> Evening-Primrose	1	18400.0
<i>Ophiopogon japonicus</i> Mai-Men-Dong; Mai-Men-Tung	1	820.0
<i>Opuntia ficus-indica</i> Nopalito; Prickly Pear; Nopal; Indian Fig	1	4420.0
<i>Origanum vulgare</i> Wild Marjoram; Oregano; Common Turkish Oregano; Pot Marjoram; European Oregano; Wild Oregano	1	6032.0
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	1	7800.0
<i>Oryza sativa</i> Rice	1	4400.0
<i>Pachyrhizus erosus</i> Yambean	1	2950.0
<i>Paeonia suffruticosa</i> Moutan; Tree Peony; Moutan Peony	1	2360.0
<i>Paeonia moutan</i> Moutan; Tree Peony	1	2360.0
<i>Paeonia lactiflora</i> Bai Shao (Chinese); Common Garden Peony; White Peony; Chih-Shao; Peony	1	1980.0
<i>Panax quinquefolius</i> Ginseng; American Ginseng	1	4400.0
<i>Panax japonicus</i> Japanese Ginseng	1	4800.0
<i>Panax ginseng</i> Chinese Ginseng; Oriental Ginseng; Ginseng; Korean Ginseng	2	2431.0
<i>Panicum maximum</i> Guinea grass	1	
<i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy	2	31200.0
<i>Parthenium integrifolium</i> Prairie-Dock; Missouri Snakeroot; Feverfew; Wild Quinine; American Feverfew	1	
<i>Passiflora incarnata</i> Manzana de Mayo; Passionflower; Mayapple	1	
<i>Pastinaca sativa</i> Parsnip	1	4200.0
<i>Perideridia gairdneri</i> Squaw Root	1	1000.0
<i>Perilla frutescens</i> Perilla	1	7660.0
<i>Persea americana</i> Avocado	3	3480.0
<i>Petasites japonicus</i> Butterbur	1	5090.0
<i>Petroselinum crispum</i> Parsley	1	8737.0
<i>Phaseolus vulgaris</i> Black Bean; Garden Bean; Snap Bean; Haricot; Flageolet Bean; Navy Bean; String Bean; Green Bean; Pop Bean; Popping Bean; Haricot Bean; Field Bean; Kidney Bean; French Bean; Dwarf Bean; Wax Bean; Haricot Vert	2	47376.0
<i>Phaseolus lunatus</i> Butter Bean; Lima Bean	1	14000.0
<i>Phaseolus coccineus</i> Scarlet Runner Bean	1	3560.0
<i>Phaseolus acutifolius</i> Tepary Bean	1	
<i>Phellodendron amurense</i> Huang Po; Huang Bai; Amur Cork Tree; Po Mu	1	1300.0
<i>Phoenix dactylifera</i> Date Palm	4	8338.0
<i>Phyllanthus emblica</i> Emblic; Myrobalan	1	1168.0
<i>Physalis peruviana</i> Ground Cherry; Cape Gooseberry	1	3620.0
<i>Physalis ixocarpa</i> Tomatillo	1	4300.0
<i>Phytelephas aequatorialis</i> EQUATORIAL IVORY PALM	1	



Plant	# Chemicals	Total PPM
<i>Pimenta dioica</i> Allspice; Pimento; Clover-Pepper; Pimenta; Jamaica-Pepper	1	2960.0
<i>Pimpinella anisum</i> Sweet Cumin; Anise	2	3756.0
<i>Pinellia ternata</i> Ban-Xia; Pan-Hsia	1	1420.0
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Pinus edulis</i> Pinyon Pine	1	
<i>Pinus echinata</i> Shortleaf Pine	1	4200.0
<i>Piper nigrum</i> Black Pepper; White Pepper; Pepper	3	4638.0
<i>Piper betel</i> Betel Pepper	1	
<i>Pistacia vera</i> Pistachio	1	3288.0
<i>Pisum sativum</i> Pea	2	16288.0
<i>Plantago psyllium</i> Psyllium	1	1020.0
<i>Plantago major</i> Common Plantain	1	
<i>Plantago asiatica</i> Asian Plantain	1	10640.0
<i>Platycodon grandiflorum</i> Chieh-Keng; Jie-Geng; Balloon Flower	1	3020.0
<i>Polygala tenuifolia</i> Chinese Senega	1	1920.0
<i>Polygonum multiflorum</i> Fleeceflower; Fo Ti; Chinese Knotweed; Chinese Cornbind; He Shou Wu	1	6460.0
<i>Portulaca oleracea</i> Purslane; Verdolaga	2	37400.0
<i>Prunella vulgaris</i> Self-Heal; Heal-All	1	9120.0
<i>Prunus serotina</i> Wild Cherry; Black Cherry	2	30000.0
<i>Prunus persica</i> Peach	1	17760.0
<i>Prunus dulcis</i> Almond	1	6252.0
<i>Prunus domestica</i> Plum	2	6800.0
<i>Prunus cerasus</i> Sour Cherry	2	1296.0
<i>Prunus armeniaca</i> Apricot	1	4730.0
<i>Psidium guajava</i> Guava	1	1470.0
<i>Psidium cattleianum</i> Strawberry Guava	1	1760.0
<i>Psophocarpus tetragonolobus</i> Goa Bean; Asparagus Pea; Winged Bean	1	5938.0
<i>Psoralea esculenta</i> Indian Bread-Root; Indian Turnip; Breadroot; Prairie Potato; Prairie Apple; Prairie Turnip	1	2800.0
<i>Pueraria pseudohirsuta</i> Chinese Kudzu	2	7380.0
<i>Pueraria montana</i> Kudsu; Kudzu	2	1700.0
<i>Pulsatilla chinensis</i> Chinese Anemone	1	6380.0
<i>Punica granatum</i> Granatapfelstrauch (Ger.); Granado (Sp.); Granatapfelbaum (Ger.); Grenadier (Fr.); Mangrano (Sp.); Romanzeiro (Port.); Zakuro (Jap.); Pomegranate	2	240.0
<i>Pyrus communis</i> Pear	1	2220.0
<i>Quercus velutina</i> Black Oak	1	13640.0
<i>Quercus stellata</i> Post Oak	1	11760.0
<i>Quercus rubra</i> Northern Red Oak	1	18160.0
<i>Quercus phellos</i> Willow Oak	1	5880.0
<i>Quercus alba</i> White Oak	1	10960.0
<i>Quisqualis indica</i> Rangoon Creeper	2	2080.0
<i>Raphanus sativus</i> Radish	1	15060.0
<i>Rehmannia glutinosa</i> Chinese Foxglove	2	64380.0

Plant	# Chemicals	Total PPM
<i>Rheum rhabarbarum</i> Rhubarb	1	3950.0
<i>Rheum palmatum</i> Chinese Rhubarb	1	5120.0
<i>Rhizophora mangle</i> Red Mangrove	1	17600.0
<i>Rhodymenia palmata</i> Dulse	1	11860.0
<i>Rhus glabra</i> Smooth Sumac	1	9380.0
<i>Rhus copallina</i> Dwarf Sumac; Winged Sumac	1	27740.0
<i>Ribes uva-crispa</i> Gooseberry	1	1876.0
<i>Ribes rubrum</i> Red Currant; White Currant	1	1870.0
<i>Ribes nigrum</i> Black Currant	1	3440.0
<i>Rosa laevigata</i> Cherokee Rose	1	5660.0
<i>Rosa canina</i> Rose; Dogbrier; Dog Rose	1	3480.0
<i>Rosmarinus officinalis</i> Rosemary	1	4966.0
<i>Rubia cordifolia</i> Madder	1	3740.0
<i>Rubus idaeus</i> Raspberry; Red Raspberry	1	6380.0
<i>Rubus chingii</i> Chinese Raspberry	1	5480.0
<i>Rubus chamaemorus</i> Cloudberry	1	3750.0
<i>Rumex crispus</i> Lengua De Vaca; Yellow Dock; Sour Dock; Curly Dock	1	6400.0
<i>Rumex acetosa</i> Garden Sorrel	1	9200.0
<i>Ruscus aculeatus</i> Butcher's Broom; Box-Holly	1	4680.0
<i>Salix alba</i> White Willow	1	11200.0
<i>Salvia officinalis</i> Sage	1	5660.0
<i>Salvia miltiorrhiza</i> Tan-Shen; Dan-Shen; Red Sage	1	6460.0
<i>Sambucus nigra</i> Elder; European Elder; European Alder; Black Elder; European Elderberry	1	
<i>Santalum acuminatum</i> Sweet Quandong; Quandong; Quandong Nut	1	
<i>Sassafras albidum</i> Sassafras	1	23120.0
<i>Schisandra chinensis</i> Wu Wei Zi; Magnolia Vine; Wu Wei Zu; Schizandra; Chinese Magnolia Vine; Five-Flavor-Fruit	1	5520.0
<i>Schizonepeta tenuifolia</i> Ching-Chieh; Jing-Jie	1	6780.0
<i>Scrophularia buergeriana</i> Hsuan-Shen; Yuan-Shen	1	4120.0
<i>Scutellaria lateriflora</i> Skullcap; Mad-Dog Skullcap	1	2260.0
<i>Scutellaria baicalensis</i> Huang Qin; Baikal Skullcap; Chinese Skullcap	1	14440.0
<i>Secale cereale</i> Rye	1	
<i>Sechium edule</i> Chayote	2	11570.0
<i>Senna occidentalis</i> Coffee Senna	1	5760.0
<i>Senna obtusifolia</i> Sicklepod	1	6440.0
<i>Senna alexandrina</i> Indian Senna; Alexandran senna; True Senna	1	
<i>Serenoa repens</i> Scrub-Palmetto; Saw Palmetto	1	
<i>Sesamum indicum</i> Benneseed; Sesamo (Sp.); Beni; Ajonjoli (Sp.); Sesame	1	8164.0
<i>Siegesbeckia orientalis</i> Hsi Chien; Saint Paul'Swort	1	5320.0
<i>Silybum marianum</i> Lady's Thistle; Milk Thistle	2	8060.0
<i>Simmondsia chinensis</i> Jojoba	1	2820.0
<i>Sinapis alba</i> White Mustard	1	6564.0
<i>Sinomenium acutum</i> Ching-Feng-Teng	1	720.0

Plant	# Chemicals	Total PPM
<i>Smilax</i> spp Sarsaparilla	1	3340.0
<i>Smilax officinalis</i> Sarsaparilla	1	
<i>Solanum tuberosum</i> Potato	4	8500.0
<i>Solanum melongena</i> Eggplant; Aubergine	2	3126.0
<i>Sophora subprostrata</i> Shan Dou Gen	1	3760.0
<i>Sophora angustifolia</i> Narrowleaf Sophora	1	7440.0
<i>Sorbus aucubaria</i> Rowan Berry	1	2380.0
<i>Spinacia oleracea</i> Spinach	2	22000.0
<i>Spirulina</i> spp. Spirulina	1	
<i>Spirulina pratensis</i> Spirulina	1	5100.0
<i>Spondias tuberosa</i> Umbu; Imbu	1	180.0
<i>Spondias dulcis</i> Ambarella	1	2880.0
<i>Stachys officinalis</i> Wood Betony; Betony; Bishop's-Wort; Purple Betony	1	
<i>Stachytarpheta jamaicensis</i> Brazilian Tea	1	
<i>Stellaria media</i> Chickweed; Common Chickweed	1	10580.0
<i>Stevia rebaudiana</i> Ca-A-E; Sweet Leaf of Paraguay; Stevia	1	6980.0
<i>Symphoricarpos orbiculatus</i> Buckbush	1	17600.0
<i>Symphytum officinale</i> Comfrey	2	3400.0
<i>Syzygium jambos</i> Rose Apple; Pomarrosa	1	
<i>Syzygium cumini</i> Jambolan; Aceituna Dulce; Java Plum	1	
<i>Syzygium aromaticum</i> Clove; Clovetree	1	6040.0
<i>Tabebuia heptaphylla</i> Pau D'Arco	1	1620.0
<i>Tamarindus indica</i> Kilytree; Tamarind; Indian Tamarind	1	4102.0
<i>Tanacetum parthenium</i> Feverfew	1	
<i>Taraxacum officinale</i> Dandelion	1	8140.0
<i>Taraxacum mongolicum</i> Mongoloid Dandelion	1	8100.0
<i>Tephrosia purpurea</i> Purple Tephrosia; Wild Indigo	1	20600.0
<i>Tetragonia tetragonioides</i> New Zealand Spinach	1	13000.0
<i>Tetrapanax papyrifera</i> Rice Paper Tree; Tong-Cao; Tung-Tsao	1	4240.0
<i>Theobroma cacao</i> Cacao	2	
<i>Thymus vulgaris</i> Thyme; Common Thyme; Garden Thyme	1	14704.0
<i>Tragopogon porrifolius</i> Salsify	1	2000.0
<i>Trichosanthes anguina</i> Snakegourd	1	19630.0
<i>Trifolium pratense</i> Purple Clover; Peavine Clover; Red Clover; Cowgrass	1	23180.0
<i>Trigonella foenum-graecum</i> Bockshornklee (Ger.); Alholva (Sp.); Fenugreek; Greek Clover; Greek Hay	3	3990.0
<i>Triticum aestivum</i> Wheat	1	21000.0
<i>Turnera diffusa</i> Damiana	1	4080.0
<i>Tussilago farfara</i> Coltsfoot	1	2160.0
<i>Ulmus rubra</i> Slippery Elm; Red Elm	1	1160.0
<i>Urtica dioica</i> European Nettle; Stinging Nettle	4	17600.0
<i>Vaccinium vitis-idaea</i> Lingonberry; Cowberry; Lingen	1	1200.0
<i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry	1	4600.0

Plant	# Chemicals	Total PPM
<i>Vaccinium macrocarpon</i> American Cranberry; Large Cranberry; Cranberry	1	2690.0
<i>Vaccinium corymbosum</i> Blueberry	1	664.0
<i>Valeriana officinalis</i> Common Valerian; Garden-Heliotrope; Valerian	3	6360.0
<i>Valerianella radicata</i>	1	
<i>Valerianella locusta</i> Corn Salad; Lamb's Lettuce	1	
<i>Verbascum thapsus</i> Flannelplant; Velvetplant; Mullein; Flannelleaf; Great Mullein	1	6460.0
<i>Viburnum opulus</i> Snowballbush; Crampbark; European Cranberry Bush; Guelder Rose	1	6220.0
<i>Vicia faba</i> Broadbean; Faba Bean; Habas	1	8520.0
<i>Vigna unguiculata</i> Black-eyed Pea; Cowpea; Crowder Pea; Southern Pea	1	24638.0
<i>Vigna radiata</i> Green Gram; Mungbean	1	9526.0
<i>Vigna mungo</i> Black Gram	1	4152.0
<i>Vigna angularis</i> Adzuki Bean	1	2934.0
<i>Vigna aconitifolia</i> Moth Bean; Mat Bean	1	9924.0
<i>Viscum album</i> European Mistletoe	3	6220.0
<i>Vitis vinifera</i> Grapevine; Grape; Weinrebe (Ger.); Parra (Sp.); Vigne Vinifere (Fr.); European Grape; Wine Grape; Vid (Sp.)	2	13340.0
<i>Xanthosoma sagittifolium</i> Malanga; Tannia; Yautia	1	10540.0
<i>Yucca baccata</i> Spanish Bayonet; Yucca; Blue Yucca; Banana Yucca	1	1020.0
<i>Zea mays</i> Corn	1	6780.0
<i>Zingiber officinale</i> Ginger	2	5380.0
<i>Zizyphus jujuba</i> Ta-Tsao; Da-Zao; Jujube	1	1240.0