

# A Antispare-Tire

\*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	1	120.0
<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> Aconite; Fu-Tsu	1	26.0
<i>Acorus calamus</i> Sweetflag; Myrtle Flag; Calamus; Sweetroot; Flagroot; Sweet Calamus	1	
<i>Actaea racemosa</i> Black Snakeroot; Black Cohosh	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 julibrissin</i> Mimosa	1	16.0
<i>Alisma plantago-aquatica</i> Mud Plantain; Tse-Hsieh; Water Plantain; Ze-Xie	1	136.0
<i>Allium sativum</i> var. <i>sativum</i> Garlic	1	30.6
<i>Allium cepa</i> Shallot; Onion	1	174.0
<i>Allium ampeloprasum</i> Kurrat; Elephant Garlic	1	
<i>Alocasia macrorrhiza</i> Giant Taro	1	102.0
<i>Aloe vera</i> Bitter Aloes; Aloe	1	1540.0
<i>Aloe</i> spp. Aloe	1	
<i>Althaea officinalis</i> White Mallow; Marshmallow	1	
<i>Amaranthus</i> sp. Pigweed	1	216.0
<i>Amomum xanthioides</i> Malabar Cardamom; Bastard Cardamom; Chin Kousha; Tavoy Cardamom	1	96.0
<i>Amorphophallus konjac</i> Devil's Tongue; Elephant Yam; Leopard Palm; Snake Palm; Umbrella Arum; Konjac	1	
<i>Amorphophallus campanulatus</i> Elephant-Foot Yam	1	100.0
<i>Amphicarpaea bracteata</i> Hog Peanut	1	
<i>Anacardium occidentale</i> Cashew	1	114.0
<i>Ananas comosus</i> Pineapple	1	12.0
<i>Anemarrhena asphodeloides</i> Chih-Mu; Zhi-Mu	1	54.0
<i>Anethum graveolens</i> Dill; Garden Dill	1	432.0
<i>Angelica sinensis</i> Chinese Angelica; Dang Gui; Dang Qui; Dong Gui; Dang Quai; Dong Quai	1	
<i>Angelica laxiflora</i> Tu Huo	1	30.0
<i>Angelica dahurica</i> Bai Zhi	1	58.0
<i>Annona muricata</i> Soursop	1	8.0
<i>Annona cherimola</i> Cherimoya	1	30.0
<i>Anthriscus cerefolium</i> Chervil	1	20.0
<i>Apium graveolens</i> Celery	1	406.0
<i>Arachis hypogaea</i> Peanut; Groundnut	1	70.0
<i>Arctium lappa</i> Burdock; Gobo; Great Burdock	1	41.2
<i>Arctostaphylos uva-ursi</i> Uva Ursi; Bearberry	1	

Plant	# Chemicals	Total PPM
<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	1	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	1	
<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	1	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	1	76.0
<i>Asparagus officinalis</i> Asparagus	1	248.0
<i>Asparagus lucidus</i> Lucid Asparagus	1	16.0
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	1	21.0
<i>Atractylodes ovata</i> Pai-Chu; Bai-Zhu	1	64.0
<i>Atractylodes lancea</i> Cang Zhu	1	66.0
<i>Avena sativa</i> Oats	1	
<i>Averrhoa carambola</i> Star Fruit; Carambola	1	
<i>Barosma betulina</i> Buchu	1	168.0
<i>Belamcanda chinensis</i> Shenan; Blackberry Lily; Leopardenblume (Ger.); Mariposa (Sp.); Leopard Lily; Iris Tigre (Fr.); Maravilla (Sp.)	1	34.0
<i>Berberis vulgaris</i> Barberry	1	
<i>Bertholletia excelsa</i> Paranut; Brazilnut; Creamnut; Brazilnut-Tree	1	106.0
<i>Beta vulgaris</i> Beet; Beetroot; Garden Beet; Sugar Beet	1	140.0
<i>Blechnum orientale</i> Shield Fern; Kuan Chung	1	34.0
<i>Bletilla striata</i> Hyacinth Bletilla; Hardy Orchid; Chinese Ground Orchid; Dai Chi (Chin.); Hyacinth Orchid; Bletilla; Shiran (Jap.)	1	32.0
<i>Boehmeria nivea</i> Ramie	1	86.0
<i>Borago officinalis</i> Beebread; Beeplant; Borage; Talewort	1	
<i>Brassica rapa</i> Turnip; Rapini; Seven-Top Turnip	1	76.0
<i>Brassica pekinensis</i> Chinese Cabbage	1	160.0
<i>Brassica oleracea</i> var. <i>viridis</i> I. Cow Cabbage; Tree Kale; Spring-Heading Cabbage; Collards; Tall Kale	1	314.0
<i>Brassica oleracea</i> var. <i>sabellica</i> I. Scotch Kale; Kitchen Kale; Kale; Curly Kale	1	56.0
<i>Brassica oleracea</i> var. <i>italica</i> Purple Cauliflower; Asparagus Broccoli; Sprouting Broccoli; Cape Broccoli; Broccoli; Winter Broccoli; Heading Broccoli; Calabrese	1	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussels-Sprouts; Brussel-Sprout	1	314.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Red Cabbage; White Cabbage; Cabbage	1	77.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	1	430.0
<i>Brassica nigra</i> Black Mustard	1	80.0
<i>Brassica napus</i> var. <i>napobrassica</i> Swede; Rutabaga; Swedish Turnip	1	66.0
<i>Brassica juncea</i> Mustard Greens	1	130.0

Plant	# Chemicals	Total PPM
<i>Broussonetia papyrifera</i> Paper Mulberry	1	46.0
<i>Bupleurum chinense</i> Chai-Hu	1	
<i>Cajanus cajan</i> Pigeonpea	1	68.0
<i>Camellia sinensis</i> Tea	1	60.0
<i>Canavalia ensiformis</i> Jack Bean	1	40.0
<i>Capsicum frutescens</i> Spur Pepper; Tabasco; Red Chili; Chili; Hot Pepper; Cayenne	1	48.0
<i>Capsicum annuum</i> Bell Pepper; Cone Pepper; Green Pepper; Cherry Pepper; Paprika; Sweet Pepper	1	84.7
<i>Carica papaya</i> Papaya	1	
<i>Carthamus tinctorius</i> Safflower	1	
<i>Carum carvi</i> Caraway; Carum; Comino de prado (Sp.); Kummel (Ger.); Comino (Sp.)	1	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	1	20.0
<i>Castanea mollissima</i> Chinese Chestnut	1	34.0
<i>Castanea dentata</i> American Chestnut	1	48.0
<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> Pennywort; Gotu Kola	1	37.4
<i>Chaenomeles lagenaria</i> Mu-Kua; Chinese Quince	1	42.0
<i>Chamaemelum nobile</i> Perennial Camomile; Garden Camomile; Roman Camomile	1	
<i>Chamissoa altissima</i> Guanique	1	
<i>Chenopodium album</i> Lambsquarter	1	48.0
<i>Chondrus crispus</i> Irish Moss	1	88.0
<i>Chrysanthemum parthenium</i> Feverfew	1	
<i>Cicer arietinum</i> Garbanzo; Chickpea	1	100.0
<i>Cichorium intybus</i> Chicory; Succory; Witloof	1	
<i>Cichorium endivia</i> Escarole; Endive	1	292.0
<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> Padang Cassia; Java Cinnamon	1	20.0
<i>Cinnamomum aromaticum</i> Chinese Cassia; Cassia; Cassia Lignea; China Junk Cassia; Zimtcassie (Ger.); Canelero chino (Sp.); Kashia-Keihi (Jap.); Cassia Bark; Saigon Cinnamon; Cannelier de Chine (Fr.); Cannelier Casse (Fr.); Chinese Cinnamon; Chinazimt (Ger.); Canelle de Cochinchine (Fr.); Canela de la China (Sp.); Chinesischer Zimtbaum (Ger.)	1	20.0
<i>Cistanche salsa</i> Broomrape; Cistanchis Herba; Jou Tsung Jung	1	26.0
<i>Citrullus lanatus</i> Watermelon	1	16.0
<i>Citrus sinensis</i> Orange	1	26.0
<i>Citrus reticulata</i> Tangerine; Mandarin	1	16.0
<i>Citrus paradisi</i> Grapefruit	1	31.0

Plant	# Chemicals	Total PPM
Citrus medica Citron	1	28.0
Citrus aurantium Petitgrain; Bitter Orange	1	32.0
Citrus aurantiifolia Lime	1	18.0
Cnicus benedictus Blessed Thistle	1	
Cnidium officinale Jih-Chiung	1	32.0
Cocos nucifera Coconut; Kokospalme (Ger.); Cocotero (Sp.); Nariyal; Copra; Coconut Palm	1	42.0
Coix lacryma-jobi Job'S-Tears; Adlay; Yi-Yi-Ren; Adlay Millet	1	40.0
Colocasia esculenta Taro	1	145.2
Coptis spp Generic Goldthread	1	1200.0
Coptis japonica Japanese Goldthread; Huang-Lien; Huang-Lian; Huang-Lia	1	1200.0
Coptis chinensis Huang-Lian; Huang-Lien; Chinese Goldthread	1	1200.0
Coriandrum sativum Chinese Parsley; Coriander; Cilantro	1	104.0
Cornus officinalis Chinese Dogwood	1	24.0
Corylus avellana Cobnut; Hazel; English Filbert; European Hazel; European Filbert	1	78.0
Crataegus rhipidophylla Hawthorn	1	
Crataegus laevigata Woodland Hawthorn; English Hawthorn; Whitethorn; Hawthorn	1	
Crataegus cuneata Hawthorn	1	28.0
Cucumis sativus Cucumber	1	314.0
Cucumis melo Cantaloupe; Melon; Nutmeg Melon; Muskmelon; Persian Melon; Netted Melon	1	62.0
Cucurbita spp Summer Squash	1	82.0
Cucurbita pepo Pumpkin	1	283.0
Cucurbita maxima Pumpkin	1	108.0
Cuminum cyminum Cumin	1	116.0
Curcuma longa Indian Saffron; Turmeric	1	44.0
Cymbopogon citratus West Indian Lemongrass; Lemongrass	1	
Cynanchum atratum Pai-Wei; Bai-Wei	1	62.0
Cynara cardunculus Artichoke	1	72.0
Cyperus rotundus Nutsedge	1	66.0
Cypripedium pubescens Ladyslipper	1	134.0
Cyrtosperma chamissonis Swamp Taro	1	100.0
Daucus carota Carrot	1	158.0
Dendrobium nobile Noble Dendrobium	1	52.0
Dioscorea villosa Wild Yam	1	
Dioscorea sp. Wild Yam	1	112.0
Dioscorea bulbifera Air Potato; Potato Yam	1	24.0
Dioscorea alata Greater Yam; Winged Yam	1	34.0
Diospyros virginiana American Persimmon	1	374.0
Drynaria fortunei Fortune's Fern	1	34.0
Echinacea spp Echinacea; Coneflower	1	56.1
Echinacea purpurea Eastern Purple-Coneflower; Echinacea; Purple-Coneflower	1	
Elaeagnus umbellatus Russian Olive	1	
Elettaria cardamomum Cardamom	1	56.0

Plant	# Chemicals	Total PPM
<i>Eleutherococcus senticosus</i> Eleuthero Ginseng; Spiny Ginseng; Siberian Ginseng; Wu jia; Ci wu jia (Pinyin)	1	
<i>Elytrigia repens</i> Quackgrass; Wheatgrass; Doggrass; Twitchgrass; Couchgrass	1	
<i>Ephedra</i> spp Ma-Huang	1	16.0
<i>Ephedra sinica</i> Ma Huang; Chinese Ephedra	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; Mountain Balm; Consumptive's Weed; California Yerba Santa; Holy Herb; Tarweed; Gum Bush	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>Fallopia japonica</i> Mexican Bamboo; Giant Knotweed; Hu-Zhang; Japanese Knotweed	1	98.0
<i>Ficus carica</i> Higo (Sp.); Fig; Fico (Ital.); Echte Feige (Ger.); Feigenbaum (Ger.); Higuera Comun (Sp.); Figueir Commun (Fr.); Figueira (Port.)	1	14.0
<i>Firmiana simplex</i> Chinese Parasol	1	50.0
<i>Foeniculum vulgare</i> Fennel	1	66.0
<i>Forsythia suspensa</i> Lian-Jiao; Lien-Chiao	1	34.0
<i>Fragaria</i> spp Strawberry	1	34.0
<i>Frangula purshiana</i> Cascara Sagrada; Cascara Buckthorn	1	
<i>Fraxinus rhynchophylla</i> Chinese Ash	1	34.0
<i>Fritillaria thunbergii</i> Bei-Mu; Fritillary	1	24.0
<i>Fucus vesiculosus</i> Bladderwrack; Kelp	1	6.6
<i>Gardenia jasminoides</i> Zhi Zi; Shan-Chih-Tzu; Gardenia; Jasmin; 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> Gennoshiouko; Oriental Geranium	1	56.0
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	1	16.0
<i>Glechoma hederacea</i> Alehoof	1	106.0
<i>Glehnia littoralis</i> Bei Sha Shen	1	52.0
<i>Glycine max</i> Soybean	1	180.0
<i>Glycyrrhiza uralensis</i> Kan-Tsao; Chinese Licorice; Gan-Cao	1	26.0
<i>Glycyrrhiza glabra</i> Commom Licorice; Licorice; Smooth Licorice; Licorice-Root	1	3.3
<i>Gymnema sylvestre</i> Gymnema; Miracle Fruit	1	
<i>Harpagophytum procumbens</i> Grapple Plant; Devil's Claw	1	19.8
<i>Helianthus tuberosus</i> Jerusalem Artichoke	1	128.0
<i>Helianthus annuus</i> Sunflower; Girasol	1	108.0

Plant	# Chemicals	Total PPM
<i>Hibiscus sabdariffa</i> Jamaica Sorrel; Sorrel; Rosella (Ger.); Sereni (Sp.); Acedera de Guinea (Sp.); Kharkadi; Red Sorrel; Malventee (Ger.); Rosa de Jamaica (Sp.); Roselle; Indian 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	1	
<i>Hydrangea arborescens</i> Smooth Hydrangea; 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	1	22.0
<i>Ipomoea aquatica</i> Water Spinach; Swamp Cabbage	1	184.0
<i>Isatis tinctoria</i> Dyer's Woad	1	80.0
<i>Juglans regia</i> English Walnut	1	
<i>Juglans nigra</i> Black Walnut	1	92.0
<i>Juglans cinerea</i> Butternut	1	74.0
<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	1	186.0
<i>Lactuca sativa</i> Lettuce	1	1948.0
<i>Lagenaria siceraria</i> Calabash Gourd; White-Flowered Gourd	1	314.0
<i>Larrea tridentata</i> Creosote Bush; Chaparral	1	
<i>Lens culinaris</i> Lentil	1	192.0
<i>Lepidium meyenii</i> Peruvian Ginseng; Maca	1	
<i>Ligustrum lucidum</i> Glossy Privet; Ligustri Fructus; Privet; White Waxtree; Chinese Privet	1	48.0
<i>Ligustrum japonicum</i> Japanese Privet; Ligustri Fructus	1	48.0
<i>Linum usitatissimum</i> Flax; Linseed	1	
<i>Liquidambar styraciflua</i> American Styrax; Sweetgum	1	676.0
<i>Lobelia inflata</i> Lobelia; Indian Tobacco	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	1	106.0
<i>Lycium chinense</i> Chinese Boxthorn; Lyciet de Chine (Fr.); Gou Qi (Chin.); Chinese Wolfberry; Chinesischer Bocksdorn (Ger.); Kuko (Jap.); Chinese Matrimony Vine; Daun Koki (Indones.); Wolfberry; Spina Santa Cinese (Ital.); Kaukichai (Malays.)	1	86.0
<i>Lycopersicon esculentum</i> Tomato	1	240.0
<i>Lycopodium clavatum</i> Antler Herb; Clubmoss	1	56.0
<i>Lygodium japonicum</i> Climbing Fern	1	46.0
<i>Macadamia spp</i> Macadamia	1	36.0
<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> Xin-Yi; Hsin-I	1	50.0

Plant	# Chemicals	Total PPM
<i>Malus domestica</i> Apple	1	70.0
<i>Mangifera indica</i> Mango	1	22.8
<i>Manihot esculenta</i> Yuca; Cassava; Tapioca	1	38.0
<i>Medicago sativa</i> Alfalfa; Lucerne	1	
<i>Mentha x piperita</i> Peppermint	1	
<i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint	1	
<i>Mentha pulegium</i> European Pennyroyal	1	112.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Field Mint; Japanese Mint; Cornmint	1	56.0
<i>Morinda</i> sp Morinda	1	30.0
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	1	28.0
<i>Murraya</i> sp None	1	14.0
<i>Musa x paradisiaca</i> Banana; Plantain	1	16.5
<i>Myrica cerifera</i> Candle-Berry; Southern Bayberry; Wax Myrtle; Bayberry	1	
<i>Myristica fragrans</i> nuez moscada (Sp.); Mace; nogal moscado (Sp.); Muskatnussbaum (Ger.); Nutmeg	1	80.0
<i>Nardostachys chinensis</i> Chinese Spikenard	1	44.0
<i>Nasturtium officinale</i> Berro; Watercress	1	
<i>Nelumbo nucifera</i> Water Lotus	1	56.0
<i>Nepeta cataria</i> Catnip	1	
<i>Notopterygium incisum</i> Qiang Huo	1	32.0
<i>Nyssa sylvatica</i> Black Gum; Black Tupelo	1	374.0
<i>Ocimum basilicum</i> Sweet Basil; Basil; Cuban Basil	1	12.0
<i>Oenothera biennis</i> Evening-Primrose	1	180.0
<i>Ophiopogon japonicus</i> Mai-Men-Dong; Mai-Men-Tung	1	32.0
<i>Opuntia ficus-indica</i> Indian Fig; Nopal; Prickly Pear; Nopalito	1	30.0
<i>Origanum vulgare</i> Common Turkish Oregano; European Oregano; Wild Oregano; Pot Marjoram; Wild Marjoram; Oregano	1	98.0
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	1	86.0
<i>Paeonia suffruticosa</i> Tree Peony; Moutan; Moutan Peony	1	30.0
<i>Paeonia moutan</i> Tree Peony; Moutan	1	30.0
<i>Paeonia lactiflora</i> Chih-Shao; Bai Shao (Chinese); Peony; Common Garden Peony; White Peony	1	48.0
<i>Panax quinquefolius</i> American Ginseng; Ginseng	1	228.0
<i>Panax japonicus</i> Japanese Ginseng	1	40.0
<i>Panax ginseng</i> Chinese Ginseng; Korean Ginseng; Ginseng; Oriental Ginseng	1	
<i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy	1	260.0
<i>Parthenium integrifolium</i> Feverfew; Wild Quinine; Missouri Snakeroot; Prairie-Dock; American Feverfew	1	
<i>Passiflora incarnata</i> Passionflower; Manzana de Mayo; Mayapple	1	
<i>Pastinaca sativa</i> Parsnip	1	140.0
<i>Perilla frutescens</i> Perilla	1	100.0
<i>Persea americana</i> Avocado	1	32.0
<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> Pop Bean; Garden Bean; Navy Bean; Snap Bean; String Bean; Green Bean; Popping Bean; French Bean; Haricot; Kidney Bean; Haricot Bean; Wax Bean; Haricot Vert; Black Bean; Dwarf Bean; Field Bean; Flageolet Bean	1	400.0

Plant	# Chemicals	Total PPM
<i>Phaseolus lunatus</i> Butter Bean; Lima Bean	1	200.0
<i>Phaseolus coccineus</i> Scarlet Runner Bean	1	4.0
<i>Phaseolus acutifolius</i> Tepary Bean	1	
<i>Phellodendron amurense</i> Amur Cork Tree; Po Mu; Huang Po; Huang Bai	1	52.0
<i>Phoenix dactylifera</i> Date Palm	1	66.0
<i>Phyllanthus emblica</i> Emblic; Myrobalan	1	178.0
<i>Physalis ixocarpa</i> Tomatillo	1	142.0
<i>Phytelephas aequatorialis</i> EQUATORIAL IVORY PALM	1	
<i>Pimenta dioica</i> Allspice; Jamaica-Pepper; Pimento; Clover-Pepper; Pimenta	1	40.0
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	118.0
<i>Pinellia ternata</i> Pan-Hsia; Ban-Xia	1	36.0
<i>Pinus pinea</i> Italian Stone Pine; Pignolia	1	
<i>Pinus edulis</i> Pinyon Pine	1	
<i>Pinus echinata</i> Shortleaf Pine	1	176.0
<i>Piper nigrum</i> White Pepper; Black Pepper; Pepper	1	71.4
<i>Pistacia vera</i> Pistachio	1	60.0
<i>Pisum sativum</i> Pea	1	120.0
<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> Chieh-Keng; Jie-Geng; Balloon Flower	1	36.0
<i>Polygala tenuifolia</i> Chinese Senega	1	24.0
<i>Polygonum multiflorum</i> Chinese Cornbind; Chinese Knotweed; Fo Ti; Fleeceflower; He Shou Wu	1	16.0
<i>Polystichum polyblepharum</i> Chinese Polystichum	1	120.0
<i>Portulaca oleracea</i> Verdolaga; Purslane	1	120.0
<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	1	137.0
<i>Prunus dulcis</i> Almond	1	74.0
<i>Prunus domestica</i> Plum	1	262.0
<i>Prunus cerasus</i> Sour Cherry	1	14.0
<i>Prunus armeniaca</i> Apricot	1	76.0
<i>Psidium guajava</i> Guava	1	40.0
<i>Psophocarpus tetragonolobus</i> Asparagus Pea; Goa Bean; Winged Bean	1	102.0
<i>Pueraria pseudohirsuta</i> Chinese Kudzu	1	60.0
<i>Pulsatilla chinensis</i> Chinese Anemone	1	48.0
<i>Pyrus communis</i> Pear	1	53.2
<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



Plant	# Chemicals	Total PPM
<i>Quisqualis indica</i> Rangoon Creeper	1	44.0
<i>Raphanus sativus</i> Radish	1	202.0
<i>Rehmannia glutinosa</i> Chinese Foxglove	1	28.0
<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> White Currant; Red Currant	1	32.0
<i>Ribes nigrum</i> Black Currant	1	42.0
<i>Rosa laevigata</i> Cherokee Rose	1	30.0
<i>Rosa canina</i> Dog Rose; Rose; Dogbrier	1	
<i>Rosmarinus officinalis</i> Rosemary	1	76.0
<i>Rubia cordifolia</i> Madder	1	78.0
<i>Rubus idaeus</i> Red Raspberry; Raspberry	1	
<i>Rubus chingii</i> Chinese Raspberry	1	56.0
<i>Rubus chamaemorus</i> Cloudberry	1	80.0
<i>Rumex crispus</i> Yellow Dock; Curly Dock; Sour Dock; Lengua De Vaca	1	
<i>Rumex acetosa</i> Garden Sorrel	1	40.0
<i>Ruscus aculeatus</i> Box-Holly; Butcher's Broom	1	
<i>Salix alba</i> White Willow	1	23.1
<i>Salvia officinalis</i> Sage	1	64.9
<i>Salvia miltiorrhiza</i> Red Sage; Tan-Shen; Dan-Shen	1	24.0
<i>Sambucus nigra</i> European Alder; European Elder; Elder; Black Elder; European Elderberry	1	
<i>Santalum acuminatum</i> Quandong; Quandong Nut; Sweet Quandong	1	
<i>Sassafras albidum</i> Sassafras	1	247.0
<i>Schisandra chinensis</i> Chinese Magnolia Vine; Wu Wei Zu; Wu Wei Zi; Schizandra; Five-Flavor-Fruit; Magnolia Vine	1	
<i>Schizonepeta tenuifolia</i> Jing-Jie; Ching-Chieh	1	56.0
<i>Scrophularia buergeriana</i> Hsuan-Shen; Yuan-Shen	1	26.0
<i>Scutellaria lateriflora</i> Mad-Dog Skullcap; Scullcap	1	94.6
<i>Scutellaria baicalensis</i> Baikal Skullcap; Chinese Skullcap; Huang Qin	1	36.0
<i>Secale cereale</i> Rye	1	
<i>Sechium edule</i> Chayote	1	146.0
<i>Senna occidentalis</i> Coffee Senna	1	82.0
<i>Senna obtusifolia</i> Sicklepod	1	152.0
<i>Senna alexandrina</i> Alexandran senna; True Senna; Indian Senna	1	
<i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto	1	
<i>Sesamum indicum</i> Benneseed; Sesame; Beni; Sesamo (Sp.); Ajonjoli (Sp.)	1	204.0
<i>Siegesbeckia orientalis</i> Hsi Chien; Saint Paul'Swort	1	34.0
<i>Silybum marianum</i> Lady's Thistle; Milk Thistle	1	36.3

Plant	# Chemicals	Total PPM
<i>Simmondsia chinensis</i> Jojoba	1	32.0
<i>Sinapis alba</i> White Mustard	1	122.0
<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	1	88.2
<i>Solanum melongena</i> Aubergine; Eggplant	1	51.2
<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	1	370.0
<i>Spirulina</i> spp. Spirulina	1	
<i>Spondias tuberosa</i> Umbu; Imbu	1	2.66
<i>Spondias dulcis</i> Ambarella	1	3.8
<i>Stachys officinalis</i> Purple Betony; Betony; Wood Betony; Bishop's-Wort	1	
<i>Stellaria media</i> Common Chickweed; 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> Clovetree; Clove	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>Tetrapanax papyrifera</i> Tung-Tsao; Tong-Cao; Rice Paper Tree	1	84.0
<i>Thymus vulgaris</i> Common Thyme; Thyme; Garden Thyme	1	164.5
<i>Trachyspermum ammi</i> Ajwan	1	86.0
<i>Tragopogon porrifolius</i> Salsify	1	4.0
<i>Trifolium pratense</i> Peavine Clover; Red Clover; Cowgrass; Purple Clover	1	
<i>Trigonella foenum-graecum</i> Greek Hay; Alholva (Sp.); Fenugreek; Bockshornklee (Ger.); Greek Clover	1	
<i>Triticum aestivum</i> Wheat	1	38.0
<i>Turnera diffusa</i> Damiana	1	
<i>Tussilago farfara</i> Coltsfoot	1	50.0
<i>Ulmus rubra</i> Red Elm; Slippery Elm	1	
<i>Urtica dioica</i> Stinging Nettle; European Nettle	1	99.7
<i>Vaccinium vitis-idaea</i> Lingonberry; Cowberry; Lingen	1	28.0
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Whortleberry; Bilberry	1	48.7
<i>Vaccinium macrocarpon</i> Cranberry; American Cranberry; Large Cranberry	1	
<i>Vaccinium corymbosum</i> Blueberry	1	14.0
<i>Valeriana officinalis</i> Common Valerian; Valerian; Garden-Heliotrope	1	
<i>Valerianella radicata</i>	1	

Plant	# Chemicals	Total PPM
<i>Valerianella locusta</i> Corn Salad; Lamb's Lettuce	1	
<i>Verbascum thapsus</i> Velvetplant; Flannelplant; Great Mullein; Flannelleaf; Mullein	1	4.4
<i>Viburnum opulus</i> Snowballbush; Guelder Rose; Crampbark; European Cranberry Bush	1	34.0
<i>Vigna unguiculata</i> Cowpea; Black-eyed Pea; Southern Pea; Crowder Pea	1	76.0
<i>Vigna radiata</i> Green Gram; Mungbean	1	158.0
<i>Vigna angularis</i> Adzuki Bean	1	116.0
<i>Vigna aconitifolia</i> Moth Bean; Mat Bean	1	42.0
<i>Viscum album</i> European Mistletoe	1	172.0
<i>Vitis vinifera</i> Vigne Vinifere (Fr.); Grapevine; Grape; Parra (Sp.); European Grape; Weinrebe (Ger.); Wine Grape; Vid (Sp.)	1	204.0
<i>Xanthosoma sagittifolium</i> Malanga; Tannia; Yautia	1	38.0
<i>Yucca baccata</i> Yucca; Banana Yucca; Blue Yucca; Spanish Bayonet	1	15.4
<i>Zea mays</i> Corn	1	40.0
<i>Zingiber officinale</i> Ginger	1	114.0
<i>Zizyphus jujuba</i> Ta-Tsao; Da-Zao; Jujube	1	42.0