

A cAMP-Phosphodiesterase-Inhibitor

*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; Tropical Jewel Hibiscus; Ambrette; Musk Okra	2	
<i>Abelmoschus esculentus</i> Okra	1	
<i>Abutilon theophrasti</i> Butterprint; Indian-Mallow; Abutilon-Hemp; Velvet Leaf	3	
<i>Acacia senegal</i> Kher; Gum Arabic Tree; Senegal Gum; Gum Arabic; Sudan Gum Arabic	2	
<i>Acacia nilotica</i> Babul	2	
<i>Acacia farnesiana</i> Popinac; Cassie; Opopanax; Sweet Acacia; Huisache	3	
<i>Acacia decurrens</i> Green Wattle	2	
<i>Acacia catechu</i> Catechu; Black Cutch	3	
<i>Acalypha indica</i> Copperleaf; Cancer Herb; Three-Seeded-Mercury; Indian Nettle; Indian Acalypha	1	
<i>Achillea millefolium</i> Yarrow; Milfoil	2	
<i>Acinos suaveolens</i>	2	
<i>Actinidia chinensis</i> Kiwi	1	
<i>Adiantum capillus-veneris</i> Maidenhair Fern	1	
<i>Aesculus hippocastanum</i> Horse Chestnut	4	
<i>Agathosma betulina</i> Honey Buchu; Buchu; Mountain Buchu	2	
<i>Ageratum conyzoides</i> Mexican ageratum	2	
<i>Agrimonia eupatoria</i> Sticklewort; Agrimony	3	
<i>Ailanthus altissima</i> Tree Of Heaven; Stinktree	1	
<i>Albizia lebeck</i> East Indian Walnut; Women's-Tongue Tree; Frywood; Koko; Lebbek; Siris Tree; Lebbek Tree	2	
<i>Alisma plantago-aquatica</i> Water Plantain; Mud Plantain; Tse-Hsieh; Ze-Xie	1	
<i>Allium schoenoprasum</i> Chives	2	128.0
<i>Allium sativum</i> var. <i>sativum</i> Garlic	3	400.0
<i>Allium cepa</i> Shallot; Onion	3	96200.0
<i>Alpinia officinarum</i> Lesser Galangal; Chinese Ginger	2	
<i>Althaea officinalis</i> White Mallow; Marshmallow	2	
<i>Amaranthus spinosus</i> Spiny pigweed	1	
<i>Amaranthus</i> sp. Pigweed	1	
<i>Ammi visnaga</i> Visnaga	3	
<i>Ammi majus</i> Bishop's Weed	1	
<i>Anacardium occidentale</i> Cashew	1	
<i>Anadenanthera peregrina</i> Niopo; Cohoba	1	
<i>Anastatica hierochuntica</i> Jericho Rose	2	
<i>Anemone pulsatilla</i> Pasque Flower	2	
<i>Anethum graveolens</i> Dill; Garden Dill	3	
<i>Annona cherimola</i> Cherimoya	1	
<i>Anogeissus latifolia</i> Gum Ghatti	1	
<i>Apium graveolens</i> Celery	3	340.0
<i>Arachis hypogaea</i> Peanut; Groundnut	2	
<i>Araucaria bidwillii</i> Monkey puzzle	2	

Plant	# Chemicals	Total PPM
<i>Arctium lappa</i> Gobo; Great Burdock; Burdock	1	
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	2	
<i>Ardisia japonica</i> Marlberry	1	
<i>Armoracia rusticana</i> Horseradish	2	
<i>Artemisia vulgaris</i> Mugwort	1	
<i>Artemisia dracunculus</i> Tarragon	3	1261.0
<i>Artemisia annua</i> Annual Wormwood (GRIN); Sweet Annie; Sweet Wormwood (GRIN); Qinghao; Annual Mugwort (GRIN)	2	
<i>Artemisia absinthium</i> Wormwood	1	
<i>Artemisia abrotanum</i> Southernwood	1	
<i>Artocarpus altilis</i> Breadfruit	1	
<i>Asimina triloba</i> Pawpaw	1	
<i>Aspalathus linearis</i> Rooibos; Kaffree Tea; Red Bush Tea	4	
<i>Asparagus officinalis</i> Asparagus	3	
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	2	
<i>Avena sativa</i> Oats	1	620.0
<i>Azadirachta indica</i> Neem	3	6000.0
<i>Barosma betulina</i> Buchu	1	
<i>Basella alba</i> Vinespinach	1	
<i>Belamcanda chinensis</i> Shenan; Maravilla (Sp.); Leopardenblume (Ger.); Mariposa (Sp.); Leopard Lily; Iris Tigre (Fr.); Blackberry Lily	1	
<i>Berberis vulgaris</i> Barberry	3	
<i>Beta vulgaris</i> Sugar Beet; Beet; Beetroot; Garden Beet	2	
<i>Borago officinalis</i> Beeplant; Talewort; Beebread; Borage	2	
<i>Brassica oleracea</i> var. <i>sabellica</i> l. Kitchen Kale; Curly Kale; Kale; Scotch Kale	2	126.0
<i>Brassica oleracea</i> var. <i>italica</i> Purple Cauliflower; Winter Broccoli; Calabrese; Heading Broccoli; Sprouting Broccoli; Cape Broccoli; Asparagus Broccoli; Broccoli	3	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts	2	90.0
<i>Brassica oleracea</i> var. <i>capitata</i> l. White Cabbage; Cabbage; Red Cabbage	2	800.0
<i>Brassica oleracea</i> var. <i>botrytis</i> l. Cauliflower	3	72.0
<i>Brassica oleracea</i> Kohlrabi	2	200.0
<i>Caesalpinia pulcherrima</i> Bird Of Paradise	2	
<i>Calendula officinalis</i> Calendula; Pot-Marigold	3	
<i>Camellia sinensis</i> Tea	9	332688.0
<i>Camellia japonica</i> Kamelie (Ger.); Common Camellia; Japanese Tea; Rose du Japon (Fr.); Camelia (Sp.); Tsubaki (Jap.); Camellia; Camelia (Fr., Port.)	1	
<i>Camptotheca acuminata</i> Happy Tree	1	
<i>Cannabis sativa</i> Marihuana; Marijuana; Hemp; Indian Hemp	1	
<i>Capparis spinosa</i> Caper; Caperbush	2	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Hot Pepper; Chili; Red Chili; Tabasco; Cayenne; Spur Pepper	3	126.0
<i>Capsicum annuum</i> Cherry Pepper; Bell Pepper; Cone Pepper; Paprika; Green Pepper; Sweet Pepper	1	
<i>Carum carvi</i> Caraway; Comino (Sp.); Carum; Kummel (Ger.); Comino de prado (Sp.)	2	
<i>Castanea sativa</i> European Chestnut	2	

Plant	# Chemicals	Total PPM
<i>Catharanthus roseus</i> Madagascar Periwinkle; Rosy Periwinkle	2	
<i>Cedrus deodora</i> Deodar Cedar	1	
<i>Ceiba pentandra</i> Silk-Cotton Tree; Kapok	2	
<i>Centaurea cyanus</i> Cornflower; Bachelor's Button	2	
<i>Centaurea calcitrapa</i> Star-Thistle	3	
<i>Centella asiatica</i> Gotu Kola; Pennywort	2	
<i>Ceratonia siliqua</i> Locust Bean; Carob; St.John's-Bread	2	
<i>Chamaemelum nobile</i> Garden Camomile; Roman Camomile; Perennial Camomile	1	
<i>Chimaphila umbellata</i> Pipsissewa; King's Cure	1	
<i>Cichorium intybus</i> Witloof; Chicory; Succory	3	
<i>Cichorium endivia</i> Endive; Escarole	1	
<i>Cinnamomum sieboldii</i> Japanese Cinnamon	1	
<i>Cinnamomum camphora</i> Camphor; Ho Leaf	2	
<i>Cinnamomum aromaticum</i> Cassia; Saigon Cinnamon; Canela de la China (Sp.); Chinese Cinnamon; Chinazimt (Ger.); China Junk Cassia; Cannelier de Chine (Fr.); Chinese Cassia; Kashia-Keihi (Jap.); Canelle de Cochinchine (Fr.); Zimtcassie (Ger.); Chinesischer Zimtbaum (Ger.); Cassia Lignea; Cassia Bark; Canelero chino (Sp.); Cannelier Casse (Fr.)	1	
<i>Citrullus lanatus</i> Watermelon	1	
<i>Citrus sinensis</i> Orange	4	121936.6
<i>Citrus paradisi</i> Grapefruit	4	58.0
<i>Citrus limon</i> Lemon	4	104.0
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	1	
<i>Cnicus benedictus</i> Blessed Thistle	2	
<i>Coffea arabica</i> Coffee	3	64038.0
<i>Cola acuminata</i> Abata Cola	3	52000.0
<i>Commiphora wightii</i> Guggul; Indian Bdellium-Tree	1	
<i>Consolida ajacis</i> Larkspur	2	
<i>Convallaria majalis</i> Lily-Of-The-Valley	1	
<i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro	2	
<i>Coriaria thymifolia</i> Shanshi; Ground Toot	1	
<i>Coriaria myrtifolia</i> Mealy Tree	1	
<i>Cornus mas</i> Sorbet; Cornelian Cherry	3	
<i>Cornus florida</i> American Dogwood	2	
<i>Corylus avellana</i> European Filbert; European Hazel; Hazel; English Filbert; Cobnut	2	
<i>Crataegus rhipidophylla</i> Hawthorn	4	
<i>Crataegus pentagyna</i> Hawthorn	1	
<i>Crataegus monogyna</i> English Hawthorn; Hawthorn	6	
<i>Crataegus laevigata</i> Hawthorn; Woodland Hawthorn; English Hawthorn; Whitethorn	4	
<i>Crataegus cuneata</i> Hawthorn	1	
<i>Crocus sativus</i> Saffron	2	
<i>Croton lechleri</i> Sangre de Dragon; Sangre de Drago; Sangre de Grado; Dragons Blood	1	
<i>Cucumis melo</i> Persian Melon; Cantaloupe; Netted Melon; Melon; Nutmeg Melon; Muskmelon	1	
<i>Cucurbita pepo</i> Pumpkin	2	
<i>Curcuma longa</i> Turmeric; Indian Saffron	1	

Plant	# Chemicals	Total PPM
<i>Cuscuta reflexa</i> Amarbel	1	
<i>Cyamopsis tetragonoloba</i> Cluster-Bean; Guar; Siam-Bean	2	
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	2	
<i>Cynara cardunculus</i> Artichoke	3	
<i>Cytisus scoparius</i> Scotch Broom	3	
<i>Datura stramonium</i> Jimsonweed	1	
<i>Daucus carota</i> Carrot	2	
<i>Dictamnus albus</i> Burning Bush; Gas Plant; Gazelotu; Dittany; Akgiritotu	1	
<i>Diospyros virginiana</i> American Persimmon	2	
<i>Dodonaea viscosa</i> Hopwood	3	
<i>Drimys winteri</i> Winter's Bark	2	
<i>Echinacea</i> spp Echinacea; Coneflower	3	
<i>Echinacea purpurea</i> Eastern Purple-Coneflower; Purple-Coneflower; Echinacea	2	
<i>Echinacea angustifolia</i> Echinacea; Narrow Leaf Purple-Coneflower; Narrow Leaf Echinacea	2	
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	2	
<i>Ephedra sinica</i> Chinese Ephedra; Ma Huang	1	
<i>Equisetum arvense</i> Horsetail; Field Horsetail	3	
<i>Eriobotrya japonica</i> Loquat	3	
<i>Erythroxylum novogranatense</i> Coca	1	10000.0
<i>Erythroxylum coca</i> Coca	2	10000.0
<i>Eschscholzia californica</i> California Poppy	1	55000.0
<i>Eucalyptus macrorrhuncha</i>	1	
<i>Eucalyptus globulus</i> Eucalypt; Tasmanian Bluegum; Blue Gum	4	
<i>Eucalyptus citriodora</i> Spotted Gum; Citron-Scented Gum; Lemon-Scented Gum; Lemon Eucalyptus	1	
<i>Eucommia ulmoides</i> Du Zhong; Gutta-Percha Tree; Tu Chung	1	
<i>Eupatorium perfoliatum</i> Boneset	3	
<i>Euphorbia pulcherrima</i> Poinsettia	1	
<i>Euphorbia lathyris</i> Mole Plant; Caper Spurge	2	
<i>Euphorbia hirta</i> Queensland Asthma Herb	2	
<i>Euphrasia officinalis</i> Eyebright	3	
<i>Fagopyrum esculentum</i> Buckwheat	5	468900.0
<i>Fallopia japonica</i> Mexican Bamboo; Giant Knotweed; Japanese Knotweed; Hu-Zhang	2	
<i>Ficus carica</i> Figuiers Commun (Fr.); Echte Feige (Ger.); Figueira (Port.); Higuera Comun (Sp.); Fico (Ital.); Higo (Sp.); Feigenbaum (Ger.); Fig	3	15300.0
<i>Filipendula ulmaria</i> Meadowsweet; Queen Of The Meadow	3	
<i>Firmiana simplex</i> Chinese Parasol	1	
<i>Foeniculum vulgare</i> Fennel	3	
<i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao	2	2000.0
<i>Fragaria</i> spp Strawberry	2	
<i>Frangula alnus</i> Buckthorn	1	
<i>Galega officinalis</i> Galega; Goat's Rue	3	
<i>Genipa americana</i> Genipap; Jagua	1	

Plant	# Chemicals	Total PPM
<i>Geranium thunbergii</i> Oriental Geranium; Gennoshiouko	3	
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	5	
<i>Glechoma hederacea</i> Alehoof	1	
<i>Gleditsia triacanthos</i> Honey Locust	1	
<i>Glycine max</i> Soybean	6	
<i>Glycyrrhiza uralensis</i> Chinese Licorice; Gan-Cao; Kan-Tsao	3	
<i>Glycyrrhiza glabra</i> Licorice; Smooth Licorice; Commom Licorice; Licorice-Root	4	
<i>Gossypium sp</i> Cotton	3	
<i>Guazuma ulmifolia</i> Bay Cedar	1	
<i>Guazuma tomentosa</i>	2	
<i>Haematoxylum campechianum</i> Campechy; Logwood	1	
<i>Hamamelis virginiana</i> Witch Hazel	2	
<i>Harpagophytum procumbens</i> Grapple Plant; Devil's Claw	1	
<i>Hedera helix</i> Ivy	1	
<i>Helianthemum glomeratum</i>	1	
<i>Helianthus annuus</i> Sunflower; Girasol	1	1220.0
<i>Hemidesmus indicus</i> Indian Sarsaparilla	1	
<i>Hibiscus syriacus</i> Mukuge (Jap.); Rose Of Sharon; Hachisu (Jap.); Shrub Althaea	1	
<i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower	2	
<i>Hippophae rhamnoides</i> Yellow Spine; Sea Buckthorn; Sallow Thorn	2	
<i>Holarrhena pubescens</i> Kurchi; Zhi Xie Mu; Tellicherry Bark; Conessi	2	
<i>Hordeum vulgare</i> Barleygrass; Barley	2	
<i>Houttuynia cordata</i> Dokudami; Fishwort; Yu Xing Cao	2	
<i>Humulus lupulus</i> Hops	4	4000.0
<i>Hura crepitans</i> Sandbox Tree	1	
<i>Hydrangea paniculata</i> Peegee	1	82000.0
<i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea	3	
<i>Hyoscyamus niger</i> Henbane	1	
<i>Hypericum perforatum</i> Goatweed; Common St. Johnswort; St. John's-wort; Klamath Weed; Hypericum	5	
<i>Ilex paraguariensis</i> Mate; Paraguay Tea; South American Holly	4	51000.0
<i>Illicium verum</i> Sternanis (Ger.); anis de China (Sp.); Chinese Star Anise; Chinesischer Sternanis (Ger.); Star Anise; anis estrellado (Sp.)	1	
<i>Inula helenium</i> Elecampane	1	
<i>Ipomoea batatas</i> Sweet Potato	1	
<i>Iris x germanica</i> Orris	1	
<i>Isatis tinctoria</i> Dyer's Woad	2	
<i>Jatropha gossypifolia</i> Spanish Physic Nut	1	
<i>Jatropha curcas</i> Physic Nut; Purging Nut	1	
<i>Juglans regia</i> English Walnut	2	
<i>Juglans nigra</i> Black Walnut	1	
<i>Juniperus macropoda</i> Indian Juniper; Himalayan Juniper	1	
<i>Juniperus communis</i> Common Juniper; Juniper	4	
<i>Kalanchoe spathulata</i> Beach Bells	2	

Plant	# Chemicals	Total PPM
<i>Kalanchoe pinnata</i> Air Plant; Siempre Viva	2	
<i>Lactuca sativa</i> Lettuce	2	
<i>Laurus nobilis</i> Laurel; Grecian Laurel; Sweet Bay; Bay Laurel; Bay; Bayleaf	4	
<i>Ledum palustre</i> Wild Rosemary; Marsh Tea	1	
<i>Leonurus cardiaca</i> Motherwort	2	
<i>Ligustrum lucidum</i> Glossy Privet; Chinese Privet; Ligustri Fructus; Privet; White Waxtree	2	
<i>Ligustrum japonicum</i> Ligustri Fructus; Japanese Privet	2	
<i>Limonia acidissima</i> Wood-Apple; Manzana De Elefante; Elephant Apple	2	
<i>Linum usitatissimum</i> Linseed; Flax	2	
<i>Lippia graveolens</i> Oregano	1	310.0
<i>Lippia dulcis</i> Sweet Herb	1	
<i>Ludwigia perennis</i> Perennial Ludwigia	1	
<i>Ludwigia epilobioides</i> Fireweed Ludwigia	2	
<i>Ludwigia adscendens</i> Ascending Ludwigia	1	
<i>Lycium chinense</i> Gou Qi (Chin.); Lyciet de Chine (Fr.); Wolfberry; Chinese Wolfberry; Spina Santa Chinese (Ital.); Kaukichai (Malays.); Chinese Boxthorn; Daun Koki (Indones.); Kuko (Jap.); Chinese Matrimony Vine; Chinesischer Bocksborn (Ger.)	3	
<i>Lycopersicon esculentum</i> Tomato	4	48000.0
<i>Lythrum salicaria</i> Purple Loosestrife	2	
<i>Maclura pomifera</i> Hedge Apple; Osage-Orange	4	
<i>Magnolia officinalis</i> Magnolia-Bark; Hou Pu; Chinese Magnolia	2	
<i>Magnolia kobus</i> Xin-Yi; Hsin-I	3	1000.0
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	3	
<i>Malus domestica</i> Apple	4	526.0
<i>Mangifera indica</i> Mango	2	
<i>Maranta arundinacea</i> Arrowroot; Bermuda Arrowroot	1	
<i>Marrubium vulgare</i> White Horehound; Horehound	2	
<i>Matricaria recutita</i> Wild Camomile; Annual Camomile; German Camomile	3	
<i>Medicago sativa</i> Lucerne; Alfalfa	2	
<i>Melaleuca leucadendra</i> Cajeput	1	
<i>Melia azedarach</i> Chinaberry	3	
<i>Melilotus officinalis</i> Yellow Sweetclover	2	
<i>Mentha x piperita</i> Peppermint	1	
<i>Menyanthes trifoliata</i> Water Trefoil; Bog Myrtle; Buckbean; Marsh Clover; Bogbean; Marsh Trefoil	3	
<i>Mercurialis annua</i> Annual Mercury	1	
<i>Monarda didyma</i> Beebalm; Oswego Tea	1	
<i>Morinda citrifolia</i> Indian Mulberry; Noni	1	
<i>Moringa oleifera</i> Horseradish Tree; Ben Nut; Jacinto (Sp.); Benzolive Tree; Drumstick Tree; Moringa; West Indian Ben	2	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	3	120000.0
<i>Musa x paradisiaca</i> Banana; Plantain	3	
<i>Myristica fragrans</i> Muskatnussbaum (Ger.); nogal moscado (Sp.); nuez moscada (Sp.); Mace; Nutmeg	2	
<i>Nandina domestica</i> Heavenly Bamboo; Nanten (Jap.); Sacred Bamboo; Southern Heaven Bamboo	1	
<i>Nasturtium officinale</i> Watercress; Berro	1	
<i>Nelumbo nucifera</i> Water Lotus	3	

Plant	# Chemicals	Total PPM
<i>Nerium oleander</i> Oleander	2	
<i>Nicotiana tabacum</i> Tobacco	3	20000.0
<i>Nicotiana glauca</i> Tree Tobacco	1	42000.0
<i>Nigella sativa</i> Black Caraway; Nutmeg-Flower; Black Cumin; Roman Coriander; Fennel-Flower	1	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	1	
<i>Ocimum basilicum</i> Basil; Sweet Basil; Cuban Basil	4	
<i>Oenothera biennis</i> Evening-Primrose	2	414000.0
<i>Olea europaea</i> Olive	3	
<i>Ononis spinosa</i> Spiny Restharrow; Restharrow; Hauhechel (Ger.)	3	
<i>Opuntia ficus-indica</i> Nopalito; Prickly Pear; Indian Fig; Nopal	2	
<i>Origanum vulgare</i> Common Turkish Oregano; Wild Oregano; Oregano; European Oregano; Pot Marjoram; Wild Marjoram	6	
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	3	
<i>Paeonia suffruticosa</i> Tree Peony; Moutan; Moutan Peony	2	
<i>Paeonia officinalis</i> Double Peony	1	
<i>Paeonia moutan</i> Moutan; Tree Peony	2	
<i>Paeonia lactiflora</i> White Peony; Peony; Common Garden Peony; Bai Shao (Chinese); Chih-Shao	2	
<i>Panax quinquefolius</i> American Ginseng; Ginseng	1	
<i>Panax notoginseng</i> Sanchi Ginseng	1	
<i>Panax ginseng</i> Oriental Ginseng; Chinese Ginseng; Ginseng; Korean Ginseng	1	
<i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy	1	840.0
<i>Papaver bracteatum</i> Great Scarlet Poppy	1	
<i>Passiflora incarnata</i> Manzana de Mayo; Mayapple; Passionflower	5	
<i>Pastinaca sativa</i> Parsnip	3	
<i>Paullinia yoko</i> Yoko	1	54600.0
<i>Paullinia cupana</i> Guarana	3	155800.0
<i>Perilla frutescens</i> Perilla	1	
<i>Persea americana</i> Avocado	1	
<i>Petasites japonicus</i> Butterbur	1	
<i>Petasites hybridus</i> European Butterbur	1	
<i>Petroselinum crispum</i> Parsley	4	60000.0
<i>Phaseolus vulgaris</i> String Bean; Black Bean; French Bean; Snap Bean; Wax Bean; Field Bean; Haricot Bean; Kidney Bean; Garden Bean; Dwarf Bean; Flageolet Bean; Haricot Vert; Haricot; Green Bean; Navy Bean; Popping Bean; Pop Bean	1	
<i>Phaseolus lunatus</i> Butter Bean; Lima Bean	1	
<i>Phaseolus aborigineus</i>	1	
<i>Phoenix dactylifera</i> Date Palm	2	
<i>Phyllanthus niruri</i> Seed On The Leaf	2	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	3	
<i>Phyllanthus amarus</i>	1	
<i>Physalis peruviana</i> Cape Gooseberry; Ground Cherry	2	
<i>Pimpinella anisum</i> Sweet Cumin; Anise	2	
<i>Pinus sylvestris</i> Scotch Pine	2	
<i>Pinus strobus</i> White Pine; Eastern White Pine	1	

Plant	# Chemicals	Total PPM
<i>Pinus mugo</i> Swiss Mountain Pine; Dwarf Pine	2	
<i>Piper nigrum</i> Black Pepper; Pepper; White Pepper	3	
<i>Pistacia lentiscus</i> Chios Mastictree; Mastictree; Lentisco (Sp.); Mastic; Mastixbaum (Ger.)	2	
<i>Pisum sativum</i> Pea	1	1000.0
<i>Plumeria acutifolia</i> Frangipani	3	
<i>Podophyllum pleianthum</i> Chinese Mayapple	2	
<i>Podophyllum peltatum</i> Mayapple	2	100000.0
<i>Podophyllum hexandrum</i> Himalayan Mayapple	2	
<i>Polygonum hydropiperoides</i> Mild Water Pepper	2	
<i>Polygonum hydropiper</i> Common Smartweed	3	60000.0
<i>Polygonum aviculare</i> Prostrate Knotweed	2	
<i>Populus tacamahacca</i> Balm Of Gilead	2	
<i>Prosopis juliflora</i> Mesquite	1	
<i>Prunella vulgaris</i> Heal-All; Self-Heal	3	
<i>Prunus spinosa</i> Sloe; Blackthorn	3	
<i>Prunus serotina</i> Wild Cherry; Black Cherry	2	
<i>Prunus persica</i> Peach	3	
<i>Prunus laurocerasus</i> Cherry Laurel	2	
<i>Prunus dulcis</i> Almond	2	
<i>Prunus domestica</i> Plum	2	
<i>Prunus cerasus</i> Sour Cherry	4	
<i>Prunus armeniaca</i> Apricot	3	35400.0
<i>Psidium guajava</i> Guava	1	
<i>Psidium cattleianum</i> Strawberry Guava	2	
<i>Psoralea esculenta</i> Prairie Potato; Indian Bread-Root; Prairie Apple; Indian Turnip; Breadroot; Prairie Turnip	1	
<i>Pteridium aquilinum</i> Bracken Fern; Bracken	2	
<i>Pterocarpus marsupium</i> bijasal; Indian Kino; Malabar Kino	1	
<i>Pueraria montana</i> Kudsu; Kudzu	2	
<i>Punica granatum</i> Pomegranate; Granatapfelbaum (Ger.); Mangrano (Sp.); Grenadier (Fr.); Romanzeiro (Port.); Granatapfelstrauch (Ger.); Zakuro (Jap.); Granado (Sp.)	3	
<i>Pyrus communis</i> Pear	1	56.0
<i>Quercus velutina</i> Black Oak	1	
<i>Quercus robur</i> English Oak	1	
<i>Quercus infectoria</i> Gall Oak; Aleppo Oak; Dyer's Oak	1	
<i>Quercus alba</i> White Oak	1	
<i>Rauvolfia serpentina</i> Serpentine Wood; Indian Snakeroot	1	
<i>Rheum rhabarbarum</i> Rhubarb	2	12000.0
<i>Rheum palmatum</i> Chinese Rhubarb	1	
<i>Rheum officinale</i> Chinese Rhubarb	2	
<i>Rhododendron ponticum</i> Pontic Alpenrose	1	
<i>Rhododendron dauricum</i> Chinese Alpenrose	2	
<i>Rhus toxicodendron</i> Poison Ivy	2	

Plant	# Chemicals	Total PPM
<i>Rhus coriaria</i> Sumac; Tanner's Sumac; Sicilian Sumac	1	
<i>Ribes uva-crispa</i> Gooseberry	1	
<i>Ribes nigrum</i> Black Currant	4	27600.0
<i>Ricinus communis</i> Castorbean	3	4000.0
<i>Robinia pseudoacacia</i> Black Locust	1	
<i>Rosa</i> spp Rose Hips	1	
<i>Rosa multiflora</i> Multiflora Rose	1	
<i>Rosa damascena</i> Damask Rose	2	
<i>Rosa canina</i> Dog Rose; Rose; Dogbrier	1	
<i>Rubus idaeus</i> Raspberry; Red Raspberry	4	
<i>Rumex crispus</i> Curly Dock; Sour Dock; Yellow Dock; Lengua De Vaca	3	
<i>Rumex acetosella</i> Sheep Sorrel	1	10600.0
<i>Rumex acetosa</i> Garden Sorrel	3	25600.0
<i>Ruscus aculeatus</i> Box-Holly; Butcher's Broom	2	800.0
<i>Ruta graveolens</i> Rue	2	40000.0
<i>Salix</i> sp.	1	
<i>Salix alba</i> White Willow	4	
<i>Sambucus nigra</i> Black Elder; European Alder; European Elderberry; European Elder; Elder	3	18400.0
<i>Sambucus canadensis</i> Elderberry; Sweet Elder; American Elderberry; American Elder	2	73000.0
<i>Sanguisorba officinalis</i> Greater Burnet	3	
<i>Sanguisorba minor</i> Small Burnet	2	
<i>Sauvagesia erecta</i> Yerba de san martin	1	
<i>Schinus terebinthifolius</i> Brazilian Peppertree	2	
<i>Schinus molle</i> California Peppertree; Mastic-Tree; Peruvian Peppertree	2	
<i>Scopolia carniolica</i> Scopolia	1	
<i>Selaginella delicatula</i>	1	
<i>Selenicereus grandiflorus</i> Queen-of-the-Night; Night-Blooming Cereus	1	
<i>Senna occidentalis</i> Coffee Senna	1	
<i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto	2	
<i>Sesamum indicum</i> Benneseed; Ajonjoli (Sp.); Beni; Sesamo (Sp.); Sesame	1	
<i>Silybum marianum</i> Milk Thistle; Lady's Thistle	3	
<i>Smilax china</i> China Root	1	
<i>Solanum tuberosum</i> Potato	3	
<i>Solidago virgaurea</i> Woundwort; European Goldenrod	2	
<i>Solidago gigantea</i> Early Goldenrod	3	
<i>Sophora japonica</i> Japanese Pagoda Tree	3	868000.0
<i>Sophora angustifolia</i> Narrowleaf Sophora	1	
<i>Sorbus aucubaria</i> Rowan Berry	2	
<i>Spartium junceum</i> Genet; Weaver's Broom; Spanish Broom	2	
<i>Spinacia oleracea</i> Spinach	3	378.0
<i>Stellaria media</i> Chickweed; Common Chickweed	1	
<i>Stevia rebaudiana</i> Ca-A-E; Stevia; Sweet Leaf of Paraguay	1	

Plant	# Chemicals	Total PPM
<i>Syringa vulgaris</i> Lilac	1	
<i>Syzygium aromaticum</i> Clovetree; Clove	2	
<i>Tabebuia impetiginosa</i> Taheebo; Pau d'arco	1	
<i>Tagetes patula</i> French Marigold	2	
<i>Tagetes minuta</i> Wild Marigold; Dwarf Marigold; Mexican Marigold; Aztec Marigold; Muster John Henry; Stinking-Roger	1	
<i>Tagetes erecta</i> Marigold; Aztec Marigold	1	
<i>Tamarindus indica</i> Indian Tamarind; Tamarind; Kilytree	2	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Taxus baccata</i> Common Yew	1	
<i>Tephrosia purpurea</i> Purple Tephrosia; Wild Indigo	1	
<i>Terminalia ivorensis</i> Black Afara; Emire; Satinwood; Idigbo; Shinglewood; Blackbark; Brimstonewood	1	
<i>Terminalia chebula</i> Chebulic Myrobalan; Black Myrobalan; Myrobalan; Ink Nut	2	
<i>Terminalia catappa</i> Malabar Almond; Indian Almond; Tropical Almond	3	
<i>Teucrium scorodonia</i> Germander; Wood Germander	1	
<i>Teucrium scordium</i> Water Germander	2	
<i>Teucrium polium</i> Golden Germander	1	
<i>Teucrium montanum</i> Mountain Germander	1	
<i>Teucrium botrys</i> Field Germander	1	
<i>Theobroma cacao</i> Cacao	7	94300.0
<i>Theobroma bicolor</i> Nicaraguan Cacao; Pataste	3	
<i>Theobroma angustifolium</i> Castarica; Emerald Cacao	3	
<i>Thespesia populnea</i> Indian tulip tree	2	
<i>Thevetia peruviana</i> Chirca (Sp.); Yellow Oleander; Thevetie (Ger.); Loandro-Amarelo (Port.); Peruvian Yellow Oleander; Luckynut; <i>Adelfa Amarilla</i> (Sp.); <i>Oleandre Jaune</i> (Fr.); <i>Cabalonga</i> (Sp.)	2	
<i>Thuja occidentalis</i> Northern White-Cedar; Arbor-Vitae	1	
<i>Thymus vulgaris</i> Thyme; Garden Thyme; Common Thyme	2	
<i>Tilia</i> sp. Linden; Basswood; Lime	1	
<i>Tragopogon porrifolius</i> Salsify	2	
<i>Tribulus terrestris</i> Puncture-vine	3	
<i>Tridax procumbens</i> Mexican daisy; Coatbuttons	1	
<i>Trifolium pratense</i> Red Clover; Purple Clover; Cowgrass; Peavine Clover	2	
<i>Trigonella foenum-graecum</i> Fenugreek; Greek Hay; Alholva (Sp.); Bockshornklee (Ger.); Greek Clover	5	
<i>Triticum aestivum</i> Wheat	1	
<i>Tsuga canadensis</i> Eastern Hemlock	1	
<i>Turnera diffusa</i> Damiana	1	
<i>Tussilago farfara</i> Coltsfoot	2	7200.0
<i>Uncaria tomentosa</i> Cat's Claw; Una de Gato; Garabato Amarillo	1	
<i>Uncaria guianensis</i> Tambor Huasca; Una de Gato; Ungunagi; Garabato Colorado; Cat's Claw	2	
<i>Uncaria catechu</i> Gambir; Pale Catechu	1	
<i>Urginea maritima</i> European Squill	1	
<i>Urtica dioica</i> European Nettle; Stinging Nettle	3	

Plant	# Chemicals	Total PPM
<i>Vaccinium vitis-idaea</i> Lingon; Cowberry; Lingonberry	3	7000.0
<i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry	3	
<i>Vaccinium macrocarpon</i> Large Cranberry; American Cranberry; Cranberry	1	500.0
<i>Vaccinium corymbosum</i> Blueberry	4	
<i>Valeriana officinalis</i> Valerian; Garden-Heliotrope; Common Valerian	2	
<i>Viburnum prunifolium</i> Black Haw	1	
<i>Viburnum opulus</i> Crampbark; Guelder Rose; Snowballbush; European Cranberry Bush	2	
<i>Vicia faba</i> Faba Bean; Habas; Broadbean	1	
<i>Vigna radiata</i> Green Gram; Mungbean	4	
<i>Viola tricolor</i> Pansy; Wild Violet	3	460000.0
<i>Viola odorata</i> Sweet Violet; Common Violet	3	40000.0
<i>Vitex agnus-castus</i> Chaste-Tree	3	
<i>Vitis vinifera</i> Vigne Vinifere (Fr.); Parra (Sp.); Vid (Sp.); Grapevine; European Grape; Weinrebe (Ger.); Grape; Wine Grape	4	
<i>Withania somnifera</i> Ashwagandha	2	
<i>Xylopi aethiopica</i> Negro Pepper; Mohrenpfeffer (Ger.); Guinea Pepper; Ethiopian Pepper; Spice Tree; Maniguete (Sp.); Pimienta de Guinea (Sp.)	1	
<i>Zea mays</i> Corn	3	
<i>Zingiber officinale</i> Ginger	2	
<i>Zizyphus jujuba</i> Jujube; Ta-Tsao; Da-Zao	1	30000.0