

# Antivaccinia

\*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>Achillea millefolium</i> Milfoil; Yarrow	1	
<i>Acinos suaveolens</i>	1	
<i>Aconitum napellus</i> Garden Monkshood; Monkshood; Soldier's Cap; Turk's Cap; Garden Wolfsbane; Queen's Fettle; Blue Rocket; Helmet Flower; European Aconite; Friar's Cap; Aconite; Bear's-Foot	1	
<i>Actaea dahurica</i> Xing an sheng ma; Sheng ma	1	
<i>Actaea cimicifuga</i> Sheng ma; Foetid Bugbane; Bugbane	1	
<i>Adonis vernalis</i> Spring Adonis	1	
<i>Agathosma betulina</i> Mountain Buchu; Honey Buchu; Buchu	1	68000.0
<i>Agrimonia eupatoria</i> Sticklewort; Agrimony	1	
<i>Albizia lebbek</i> Lebbek Tree; Women's-Tongue Tree; Koko; Lebbek; East Indian Walnut; Siris Tree; Frywood	1	
<i>Allium schoenoprasum</i> Chives	1	
<i>Allium sativum</i> var. <i>sativum</i> Garlic	1	40.0
<i>Allium cepa</i> Onion; Shallot	1	
<i>Allium ampeloprasum</i> Elephant Garlic; Kurrat	1	
<i>Althaea officinalis</i> Marshmallow; White Mallow	1	
<i>Ananas comosus</i> Pineapple	1	
<i>Anethum graveolens</i> Dill; Garden Dill	1	
<i>Angelica archangelica</i> Garden Angelica; Wild Parsnip; Angelica	1	
<i>Annona muricata</i> Soursop	1	
<i>Annona cherimola</i> Cherimoya	1	
<i>Apium graveolens</i> Celery	1	
<i>Arachis hypogaea</i> Groundnut; Peanut	1	22.0
<i>Arctium lappa</i> Great Burdock; Burdock; Gobo	1	5000.0
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	1	
<i>Aristolochia debilis</i> Chinese Birthwort	1	
<i>Armoracia rusticana</i> Horseradish	1	
<i>Arnica montana</i> Leopard's-Bane; Mountain Tobacco	1	
<i>Artemisia dracuncululus</i> Tarragon	1	
<i>Artemisia capillaris</i> Capillary Wormwood	1	
<i>Artemisia abrotanum</i> Southernwood	1	
<i>Asarum canadense</i> Wild Ginger	1	
<i>Asimina triloba</i> Pawpaw	1	
<i>Aspalathus linearis</i> Rooibos; Red Bush Tea; Kaffree Tea	1	
<i>Astragalus membranaceus</i> Huang-Chi; Huang Qi	1	
<i>Avena sativa</i> Oats	1	
<i>Ballota nigra</i> Black Horehound	1	
<i>Barosma betulina</i> Buchu	1	68000.0
<i>Berberis vulgaris</i> Barberry	1	
<i>Beta vulgaris</i> Beet; Sugar Beet; Beetroot; Garden Beet	1	

Plant	# Chemicals	Total PPM
<i>Brassica pekinensis</i> Chinese Cabbage	1	22.0
<i>Brassica oleracea</i> var. <i>italica</i> Broccoli; Cape Broccoli; Purple Cauliflower; Winter Broccoli; Asparagus Broccoli; Calabrese; Sprouting Broccoli; Heading Broccoli	1	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts	1	68.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Cabbage; Red Cabbage; White Cabbage	1	154.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	1	16.0
<i>Brassica nigra</i> Black Mustard	1	
<i>Calendula officinalis</i> Pot-Marigold; Calendula	1	
<i>Camellia sinensis</i> Tea	2	281800.0
<i>Capsicum frutescens</i> Chili; Cayenne; Tabasco; Hot Pepper; Red Chili; Spur Pepper	2	64.0
<i>Capsicum annuum</i> Bell Pepper; Green Pepper; Sweet Pepper; Cone Pepper; Paprika; Cherry Pepper	2	22.0
<i>Carica papaya</i> Papaya	1	
<i>Carum carvi</i> Kummel (Ger.); Caraway; Comino de prado (Sp.); Comino (Sp.); Carum	1	
<i>Castanea sativa</i> European Chestnut	1	
<i>Catalpa bignonioides</i> Indian bean	1	
<i>Ceiba pentandra</i> Silk-Cotton Tree; Kapok	1	
<i>Centaurea cyanus</i> Cornflower; Bachelor's Button	1	
<i>Centaurium erythraea</i> Centaury	1	
<i>Cephaelis ipecacuanha</i> Ipecac; Raicilla	1	61500.0
<i>Cephalotaxus fortunei</i> Fortune's Plum Yew	1	
<i>Chamaemelum nobile</i> Garden Camomile; Perennial Camomile; Roman Camomile	1	
<i>Cichorium intybus</i> Chicory; Succory; Witloof	1	1534.0
<i>Cichorium endivia</i> Escarole; Endive	1	
<i>Cimicifuga dahurica</i> Sheng Ma	1	
<i>Cinchona</i> spp Quinine	1	
<i>Cinchona pubescens</i> Quinine; Red Cinchona; Redbark; Red Peruvian-Bark	1	
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	1	
<i>Cinnamomum camphora</i> Camphor; Ho Leaf	1	
<i>Citrullus lanatus</i> Watermelon	1	
<i>Citrullus colocynthis</i> Colocynth	1	
<i>Citrus</i> spp Citrus	1	
<i>Citrus sinensis</i> Orange	3	127236.6
<i>Citrus reticulata</i> Tangerine; Mandarin	1	
<i>Citrus paradisi</i> Grapefruit	3	160.0
<i>Citrus medica</i> Citron	1	
<i>Citrus limon</i> Lemon	3	137770.0
<i>Citrus aurantium</i> Petitgrain; Bitter Orange	1	5000.0
<i>Clematis vitalba</i> Traveler's Joy	1	
<i>Cnicus benedictus</i> Blessed Thistle	1	
<i>Coccinia grandis</i> Tindori; Little Gourd; Kanduri; Ivy Gourd; Tindora; Pepasan; Kundree	1	
<i>Coffea arabica</i> Coffee	2	64000.0
<i>Cola acuminata</i> Abata Cola	2	50000.0
<i>Coleus barbatus</i> Forskohl's Coleus	1	

Plant	# Chemicals	Total PPM
<i>Conium maculatum</i> Spotted Hemlock; Carrot Fern; Spotted Parsley; Poison Hemlock; Fool's Parsley; Hemlock	1	
<i>Convallaria majalis</i> Lily-Of-The-Valley	1	
<i>Conyza canadensis</i> Hogweed; Horseweed; Butterweed	1	
<i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro	1	
<i>Corylus americana</i> American Filbert; American Hazel	1	
<i>Crataegus rhipidophylla</i> Hawthorn	1	
<i>Crataegus monogyna</i> English Hawthorn; Hawthorn	1	
<i>Crataegus laevigata</i> Hawthorn; English Hawthorn; Woodland Hawthorn; Whitethorn	1	
<i>Cucumis sativus</i> Cucumber	1	
<i>Cucumis melo</i> Cantaloupe; Netted Melon; Persian Melon; Melon; Muskmelon; Nutmeg Melon	1	
<i>Cucurbita pepo</i> Pumpkin	1	
<i>Curcuma longa</i> Indian Saffron; Turmeric	1	10.0
<i>Cyamopsis tetragonoloba</i> Siam-Bean; Cluster-Bean; Guar	1	
<i>Cynara cardunculus</i> Artichoke	2	
<i>Daphne mezereum</i> Spurge Olive; Spurge Laurel	1	
<i>Datura stramonium</i> Jimsonweed	1	
<i>Daucus carota</i> Carrot	1	
<i>Digitalis purpurea</i> Purple Foxglove	1	
<i>Dipsacus fullonum</i>	1	
<i>Dodonaea viscosa</i> Hopwood	1	
<i>Echinacea</i> spp Coneflower; Echinacea	1	
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	1	
<i>Elettaria cardamomum</i> Cardamom	1	
<i>Eleutherococcus senticosus</i> Spiny Ginseng; Wu jia; Siberian Ginseng; Eleuthero Ginseng; Ci wu jia (Pinyin)	1	
<i>Equisetum hyemale</i> Horsetail; Scouring Rush	1	
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	
<i>Eriobotrya japonica</i> Loquat	1	
<i>Erythroxylum coca</i> Coca	1	
<i>Eucalyptus globulus</i> Tasmanian Bluegum; Blue Gum; Eucalypt	1	
<i>Euphorbia pulcherrima</i> Poinsettia	1	
<i>Euphorbia hirta</i> Queensland Asthma Herb	1	
<i>Euphrasia officinalis</i> Eyebright	1	
<i>Fagopyrum esculentum</i> Buckwheat	1	
<i>Ficus carica</i> Echte Feige (Ger.); Fico (Ital.); Figuier Commun (Fr.); Higo (Sp.); Higuera Comun (Sp.); Figueira (Port.); Feigenbaum (Ger.); Fig	1	
<i>Firmiana simplex</i> Chinese Parasol	1	
<i>Foeniculum vulgare</i> Fennel	1	
<i>Fragaria</i> spp Strawberry	1	68.0
<i>Gaultheria procumbens</i> Teaberry; Wintergreen; Mountain Tea; Wintergrun (Ger.); Checkerberry; Creeping Wintergreen	1	
<i>Genipa americana</i> Genipap; Jagua	1	
<i>Gentiana lutea</i> Yellow Gentian; Gentian	1	
<i>Glechoma hederacea</i> Alehoof	1	
<i>Glycine max</i> Soybean	1	8.0

Plant	# Chemicals	Total PPM
<i>Glycyrrhiza uralensis</i> Gan-Cao; Kan-Tsao; Chinese Licorice	2	
<i>Glycyrrhiza glabra</i> Licorice; Commom Licorice; Smooth Licorice; Licorice-Root	2	44800.0
<i>Guazuma ulmifolia</i> Bay Cedar	1	
<i>Harpagophytum procumbens</i> Grapple Plant; Devil's Claw	1	
<i>Hedera helix</i> Ivy	1	
<i>Helianthus annuus</i> Sunflower; Girasol	1	3608.0
<i>Helichrysum angustifolium</i> Immortelle; Everlasting	1	
<i>Hordeum vulgare</i> Barley; Barleygrass	1	
<i>Humulus lupulus</i> Hops	1	
<i>Hypericum perforatum</i> Klamath Weed; Common St. Johnswort; St. John's-wort; Hypericum; Goatweed	1	
<i>Hyssopus officinalis</i> Hyssop	2	
<i>Ilex paraguariensis</i> Paraguay Tea; Mate; South American Holly	1	40000.0
<i>Inonotus obliquus</i>	1	
<i>Ipomoea purga</i> Jalap	1	80000.0
<i>Ipomoea batatas</i> Sweet Potato	1	
<i>Juglans regia</i> English Walnut	1	
<i>Juglans nigra</i> Black Walnut	1	
<i>Juniperus communis</i> Common Juniper; Juniper	1	
<i>Kalanchoe pinnata</i> Air Plant; Siempre Viva	1	
<i>Lactuca sativa</i> Lettuce	1	
<i>Laurus nobilis</i> Sweet Bay; Laurel; Bay Laurel; Bay; Grecian Laurel; Bayleaf	1	
<i>Levisticum officinale</i> Lovage	1	
<i>Ligustrum japonicum</i> Ligustri Fructus; Japanese Privet	1	
<i>Lycopersicon esculentum</i> Tomato	1	12.0
<i>Lycopodium clavatum</i> Antler Herb; Clubmoss	1	
<i>Lycopus virginicus</i> Bugle	1	
<i>Lycopus europeus</i> European Bugle	1	
<i>Magnolia officinalis</i> Chinese Magnolia; Hou Pu; Magnolia-Bark	1	
<i>Magnolia kobus</i> Xin-Yi; Hsin-I	1	
<i>Malus domestica</i> Apple	1	2540.0
<i>Marrubium vulgare</i> White Horehound; Horehound	1	
<i>Matricaria recutita</i> German Camomile; Wild Camomile; Annual Camomile	1	
<i>Medicago sativa</i> Lucerne; Alfalfa	1	
<i>Melia azedarach</i> Chinaberry	1	
<i>Melilotus officinalis</i> Yellow Sweetclover	1	
<i>Melissa officinalis</i> Lemonbalm; Melissa; Bee Balm; Balm	1	
<i>Mentha x rotundifolia</i> Applemint	1	
<i>Mentha x piperita</i> Peppermint	1	
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	1	
<i>Mentha sp</i> Mint	1	
<i>Mentha pulegium</i> European Pennyroyal	1	
<i>Mentha longifolia</i> Biblical Mint	1	

Plant	# Chemicals	Total PPM
<i>Mentha arvensis</i> var. <i>piperascens</i> Japanese Mint; Cornmint; Field Mint	1	
<i>Menyanthes trifoliata</i> Bogbean; Marsh Clover; Water Trefoil; Buckbean; Marsh Trefoil; Bog Myrtle	1	
<i>Moringa oleifera</i> Drumstick Tree; West Indian Ben; Benzolive Tree; Jacinto (Sp.); Ben Nut; Moringa; Horseradish Tree	1	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	1	
<i>Myristica fragrans</i> Mace; nogal moscado (Sp.); nuez moscada (Sp.); Nutmeg; Muskatnussbaum (Ger.)	1	
<i>Nicotiana tabacum</i> Tobacco	1	
<i>Ocimum basilicum</i> Cuban Basil; Sweet Basil; Basil	1	38100.0
<i>Oenothera biennis</i> Evening-Primrose	1	
<i>Olea europaea</i> Olive	1	
<i>Origanum vulgare</i> Pot Marjoram; Common Turkish Oregano; European Oregano; Oregano; Wild Marjoram; Wild Oregano	1	14120.0
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	1	
<i>Panax ginseng</i> Ginseng; Chinese Ginseng; Korean Ginseng; Oriental Ginseng	1	
<i>Papaver somniferum</i> Opium Poppy; Poppypseed Poppy	1	
<i>Paullinia yoko</i> Yoko	1	54600.0
<i>Paullinia cupana</i> Guarana	1	152000.0
<i>Perilla frutescens</i> Perilla	1	
<i>Persea americana</i> Avocado	1	
<i>Petroselinum crispum</i> Parsley	1	
<i>Peucedanum ostruthium</i> Masterwort	2	
<i>Phaseolus vulgaris</i> Haricot; Navy Bean; Snap Bean; String Bean; Wax Bean; Field Bean; Haricot Bean; Popping Bean; Kidney Bean; Haricot Vert; Garden Bean; Pop Bean; Dwarf Bean; French Bean; Black Bean; Green Bean; Flageolet Bean	1	
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Piper nigrum</i> White Pepper; Pepper; Black Pepper	1	
<i>Pisum sativum</i> Pea	1	
<i>Plantago major</i> Common Plantain	1	
<i>Polypodium vulgare</i> Sweet Fern; Common Polypody	1	
<i>Portulaca oleracea</i> Purslane; Verdolaga	1	
<i>Prunus spinosa</i> Sloe; Blackthorn	1	
<i>Prunus serotina</i> Black Cherry; Wild Cherry	1	
<i>Prunus persica</i> Peach	1	
<i>Prunus laurocerasus</i> Cherry Laurel	1	
<i>Prunus dulcis</i> Almond	1	
<i>Prunus domestica</i> Plum	1	
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Prunus armeniaca</i> Apricot	1	
<i>Pteridium aquilinum</i> Bracken; Bracken Fern	1	
<i>Punica granatum</i> Pomegranate; Romanzeiro (Port.); Granatapfelbaum (Ger.); Granatapfelstrauch (Ger.); Zakuro (Jap.); Mangrano (Sp.); Granado (Sp.); Grenadier (Fr.)	1	
<i>Pyrus communis</i> Pear	1	39400.0
<i>Raphanus sativus</i> Radish	1	182.0
<i>Rheum rhabarbarum</i> Rhubarb	1	16.0
<i>Rheum officinale</i> Chinese Rhubarb	1	

Plant	# Chemicals	Total PPM
<i>Rhododendron ponticum</i> Pontic Alpenrose	1	
<i>Ribes nigrum</i> Black Currant	1	
<i>Rosa canina</i> Rose; Dogbrier; Dog Rose	1	
<i>Rosmarinus officinalis</i> Rosemary	2	
<i>Rubus idaeus</i> Red Raspberry; Raspberry	1	
<i>Salvia</i> sp. Chia	1	
<i>Salvia officinalis</i> Sage	1	
<i>Sambucus simpsonii</i> Simpson's elderberry	1	
<i>Sambucus nigra</i> European Alder; Black Elder; European Elderberry; European Elder; Elder	1	
<i>Sanguisorba minor</i> Small Burnet	1	
<i>Santolina chamaecyparissus</i> Lavender Cotton	1	
<i>Satureja montana</i> Winter Savory; Savory	1	
<i>Scopolia carniolica</i> Scopolia	1	
<i>Senna obtusifolia</i> Sicklepod	1	
<i>Sesamum indicum</i> Sesame; Benneseed; Ajonjoli (Sp.); Sesamo (Sp.); Beni	1	
<i>Solanum tuberosum</i> Potato	1	1680.0
<i>Solanum torvum</i> Wild Eggplant; Susumba	1	
<i>Solanum melongena</i> Aubergine; Eggplant	1	
<i>Solidago virgaurea</i> Woundwort; European Goldenrod	1	
<i>Solidago gigantea</i> Early Goldenrod	1	
<i>Sophora japonica</i> Japanese Pagoda Tree	1	
<i>Sorbus aucubaria</i> Rowan Berry	1	
<i>Spartium junceum</i> Spanish Broom; Genet; Weaver's Broom	1	
<i>Spinacia oleracea</i> Spinach	1	
<i>Stachys officinalis</i> Wood Betony; Betony; Purple Betony; Bishop's-Wort	1	10000.0
<i>Stellaria media</i> Chickweed; Common Chickweed	1	
<i>Symphytum officinale</i> Comfrey	1	
<i>Tagetes patula</i> French Marigold	1	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Taxus baccata</i> Common Yew	1	
<i>Tecoma stans</i> Yellow Elder	1	
<i>Terminalia ivorensis</i> Satinwood; Shinglewood; Emire; Blackbark; Black Afara; Brimstonewood; Idigbo	1	
<i>Teucrium scorodonia</i> Germander; Wood Germander	1	
<i>Teucrium chamaedrys</i> Wall Germander	1	
<i>Theobroma cacao</i> Cacao	2	25800.0
<i>Theobroma bicolor</i> Nicaraguan Cacao; Pataste	1	
<i>Theobroma angustifolium</i> Emerald Cacao; Castarica	1	
<i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme	1	33800.0
<i>Thymus serpyllum</i> Creeping Thyme	1	12400.0
<i>Tilia</i> sp. Lime; Linden; Basswood	2	
<i>Trifolium pratense</i> Peavine Clover; Cowgrass; Purple Clover; Red Clover	1	

Plant	# Chemicals	Total PPM
<i>Trigonella foenum-graecum</i> Greek Hay; Bockshornklee (Ger.); Fenugreek; Alholva (Sp.); Greek Clover	1	534.0
<i>Triticum aestivum</i> Wheat	1	8.0
<i>Turnera diffusa</i> Damiana	1	
<i>Urtica dioica</i> European Nettle; Stinging Nettle	1	
<i>Vaccinium vitis-idaea</i> Cowberry; Lingonberry; Lingen	1	
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Bilberry; Whortleberry	1	
<i>Vaccinium corymbosum</i> Blueberry	1	
<i>Valeriana officinalis</i> Garden-Heliotrope; Common Valerian; Valerian	1	
<i>Verbascum thapsus</i> Great Mullein; Flannelleaf; Mullein; Flannelplant; Velvetplant	1	
<i>Verbena officinalis</i> Vervain	1	20000.0
<i>Viburnum opulus</i> Guelder Rose; Snowballbush; European Cranberry Bush; Crampbark	1	
<i>Vicia faba</i> Broadbean; Faba Bean; Habas	1	
<i>Viscum album</i> European Mistletoe	1	
<i>Vitis vinifera</i> Vid (Sp.); Wine Grape; Grapevine; Vigne Vinifere (Fr.); Grape; Parra (Sp.); European Grape; Weinrebe (Ger.)	1	
<i>Zea mays</i> Corn	1	1.4
<i>Zingiber officinale</i> Ginger	1	