

\*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>Acacia nilotica</i> Babul	1	
<i>Achillea millefolium</i> Yarrow; Milfoil	1	
<i>Aconitum napellus</i> Bear's-Foot; Blue Rocket; Garden Monkshood; Soldier's Cap; Friar's Cap; Turk's Cap; Helmet Flower; Garden Wolfsbane; Monkshood; Aconite; Queen's Fettle; European Aconite	1	
<i>Adonis vernalis</i> Spring Adonis	1	
<i>Agrimonia eupatoria</i> Agrimony; Sticklewort	1	
<i>Allium sativum</i> var. <i>sativum</i> Garlic	1	
<i>Allium ampeloprasum</i> Elephant Garlic; Kurrat	1	
<i>Althaea officinalis</i> Marshmallow; White Mallow	1	
<i>Anethum graveolens</i> Dill; Garden Dill	1	
<i>Angelica archangelica</i> Wild Parsnip; Garden Angelica; Angelica	1	
<i>Apium graveolens</i> Celery	1	
<i>Arachis hypogaea</i> Peanut; Groundnut	1	24.0
<i>Arctium lappa</i> Gobo; Great Burdock; Burdock	1	
<i>Arnica montana</i> Leopard's-Bane; Mountain Tobacco	1	
<i>Artemisia dracunculus</i> Tarragon	1	
<i>Artemisia absinthium</i> Wormwood	1	
<i>Artemisia abrotanum</i> Southernwood	1	
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	1	
<i>Ballota nigra</i> Black Horehound	1	
<i>Berberis vulgaris</i> Barberry	1	
<i>Beta vulgaris</i> Beet; Beetroot; Sugar Beet; Garden Beet	1	
<i>Boehmeria nivea</i> Ramie	1	
<i>Brassica oleracea</i> var. <i>italica</i> Asparagus Broccoli; Broccoli; Heading Broccoli; Sprouting Broccoli; Winter Broccoli; Cape Broccoli; Purple Cauliflower; Calabrese	1	
<i>Brassica oleracea</i> var. <i>capitata</i> l. Red Cabbage; White Cabbage; Cabbage	1	
<i>Brassica oleracea</i> var. <i>botrytis</i> l. Cauliflower	1	
<i>Brassica nigra</i> Black Mustard	1	
<i>Calendula officinalis</i> Pot-Marigold; Calendula	1	
<i>Camellia sinensis</i> Tea	1	
<i>Capsicum frutescens</i> Chili; Spur Pepper; Tabasco; Red Chili; Hot Pepper; Cayenne	1	
<i>Capsicum annuum</i> Green Pepper; Paprika; Bell Pepper; Cherry Pepper; Cone Pepper; Sweet Pepper	1	
<i>Centaurea cyanus</i> Cornflower; Bachelor's Button	1	
<i>Cichorium intybus</i> Chicory; Succory; Witloof	1	
<i>Cinchona pubescens</i> Red Peruvian-Bark; Redbark; Quinine; Red Cinchona	1	
<i>Citrullus colocynthis</i> Colocynth	1	
<i>Clematis vitalba</i> Traveler's Joy	1	
<i>Coffea arabica</i> Coffee	1	180000.0
<i>Conium maculatum</i> Hemlock; Spotted Hemlock; Carrot Fern; Spotted Parsley; Poison Hemlock; Fool's Parsley	1	
<i>Convallaria majalis</i> Lily-Of-The-Valley	1	

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<i>Corchorus olitorius</i> Nalta Jute; Mulukiya; Jew's Mallow	1	
<i>Coriandrum sativum</i> Cilantro; Chinese Parsley; Coriander	1	640.0
<i>Crataegus rhipidophylla</i> Hawthorn	1	
<i>Crataegus pentagyna</i> Hawthorn	1	
<i>Crataegus monogyna</i> Hawthorn; English Hawthorn	1	
<i>Crataegus laevigata</i> Hawthorn; English Hawthorn; Whitethorn; Woodland Hawthorn	1	
<i>Crataegus cuneata</i> Hawthorn	1	
<i>Cucumis sativus</i> Cucumber	1	
<i>Cyamopsis tetragonoloba</i> Siam-Bean; Guar; Cluster-Bean	1	
<i>Cydonia oblonga</i> Quince	1	
<i>Cynara cardunculus</i> Artichoke	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>Echinacea</i> spp Echinacea; Coneflower	1	
<i>Echinacea pallida</i> Echinacea; Pale-Flower Echinacea; Pale Purple-Coneflower	1	
<i>Echinacea angustifolia</i> Narrow Leaf Echinacea; Echinacea; Narrow Leaf Purple-Coneflower	1	
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	1	
<i>Eleutherococcus senticosus</i> Wu jia; Ci wu jia (Pinyin); Eleuthero Ginseng; Siberian Ginseng; Spiny Ginseng	1	
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	
<i>Erythroxylum coca</i> Coca	1	
<i>Eucalyptus globulus</i> Blue Gum; Eucalypt; Tasmanian Bluegum	1	
<i>Eucommia ulmoides</i> Gutta-Percha Tree; Tu Chung; Du Zhong	1	
<i>Fagopyrum esculentum</i> Buckwheat	1	
<i>Foeniculum vulgare</i> Fennel	1	
<i>Fragaria</i> spp Strawberry	1	
<i>Glechoma hederacea</i> Alehoof	1	
<i>Glycine max</i> Soybean	1	
<i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant	1	
<i>Hedera helix</i> Ivy	1	
<i>Helianthus annuus</i> Girasol; Sunflower	1	56000.0
<i>Hordeum vulgare</i> Barley; Barleygrass	1	
<i>Houttuynia cordata</i> Fishwort; Dokudami; Yu Xing Cao	1	
<i>Humulus lupulus</i> Hops	1	
<i>Hydrastis canadensis</i> Goldenseal	1	
<i>Hyoscyamus niger</i> Henbane	1	
<i>Hypericum perforatum</i> Klamath Weed; St. John's-wort; Goatweed; Common St. Johnswort; Hypericum	1	
<i>Ilex paraguariensis</i> Mate; South American Holly; Paraguay Tea	1	
<i>Ipomoea batatas</i> Sweet Potato	1	
<i>Juglans regia</i> English Walnut	1	
<i>Juniperus communis</i> Juniper; Common Juniper	1	

Plant	# Chemicals	Total PPM
<i>Linum usitatissimum</i> Flax; Linseed	1	
<i>Lonicera japonica</i> Japanese Honeysuckle	1	
<i>Lycopersicon esculentum</i> Tomato	1	36.0
<i>Lycopus virginicus</i> Bugle	1	
<i>Lycopus europeus</i> European Bugle	1	
<i>Lythrum salicaria</i> Purple Loosestrife	1	
<i>Mahonia repens</i> Oregon Barberry; Oregon Grape; Creeping Barberry; Oregon Grape-Holly	1	
<i>Malus domestica</i> Apple	1	
<i>Maranta arundinacea</i> Bermuda Arrowroot; Arrowroot	1	
<i>Marrubium vulgare</i> White Horehound; Horehound	1	
<i>Matricaria recutita</i> German Camomile; Wild Camomile; Annual Camomile	1	
<i>Melissa officinalis</i> Bee Balm; Melissa; Balm; Lemonbalm	1	
<i>Mentha x piperita</i> Peppermint	1	
<i>Menyanthes trifoliata</i> Water Trefoil; Marsh Clover; Bogbean; Marsh Trefoil; Buckbean; Bog Myrtle	1	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	1	
<i>Nicotiana tabacum</i> Tobacco	1	
<i>Origanum vulgare</i> Wild Marjoram; Oregano; Wild Oregano; European Oregano; Pot Marjoram; Common Turkish Oregano	1	
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	1	
<i>Persea americana</i> Avocado	1	
<i>Petroselinum crispum</i> Parsley	1	
<i>Peucedanum ostruthium</i> Masterwort	1	
<i>Phoenix dactylifera</i> Date Palm	1	
<i>Physalis peruviana</i> Cape Gooseberry; Ground Cherry	1	
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Plantago major</i> Common Plantain	1	
<i>Pluchea carolinensis</i> Pito sico; Santa maria	1	
<i>Prunus persica</i> Peach	1	
<i>Prunus domestica</i> Plum	1	
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Prunus armeniaca</i> Apricot	1	
<i>Punica granatum</i> Mangrano (Sp.); Granado (Sp.); Granatapfelbaum (Ger.); Grenadier (Fr.); Granatapfelstrauch (Ger.); Romanzeiro (Port.); Zakuro (Jap.); Pomegranate	1	
<i>Rhododendron ponticum</i> Pontic Alpenrose	1	
<i>Ribes uva-crispa</i> Gooseberry	1	
<i>Ribes nigrum</i> Black Currant	1	
<i>Ricinus communis</i> Castorbean	1	
<i>Rosa damascena</i> Damask Rose	1	30000.0
<i>Rosmarinus officinalis</i> Rosemary	1	
<i>Rubus phoenicolasius</i> Wine Raspberry; Japanese Wineberry; Wineberry	1	
<i>Rubus fruticosus</i> Blackberry	1	
<i>Salvia officinalis</i> Sage	1	
<i>Sambucus simpsonii</i> Simpson's elderberry	1	

Plant	# Chemicals	Total PPM
<i>Sambucus nigra</i> European Elderberry; Elder; European Elder; Black Elder; European Alder	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> Sesamo (Sp.); Benneseed; Sesame; Beni; Ajonjoli (Sp.)	1	
<i>Solanum tuberosum</i> Potato	1	4021.0
<i>Solanum torvum</i> Wild Eggplant; Susumba	1	
<i>Solanum melongena</i> Aubergine; Eggplant	1	
<i>Solidago virgaurea</i> European Goldenrod; Woundwort	1	
<i>Sorbus aucubaria</i> Rowan Berry	1	
<i>Spinacia oleracea</i> Spinach	1	
<i>Stachys officinalis</i> Wood Betony; Purple Betony; Betony; Bishop's-Wort	1	
<i>Stachytarpheta jamaicensis</i> Brazilian Tea	1	
<i>Stellaria media</i> Chickweed; Common Chickweed	1	
<i>Strychnos nux-vomica</i> Nux-Vomica; Stychnine	1	
<i>Symphytum officinale</i> Comfrey	1	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Teucrium scordium</i> Water Germander	1	
<i>Teucrium chamaedrys</i> Wall Germander	1	400.0
<i>Theobroma cacao</i> Cacao	1	
<i>Thymus vulgaris</i> Thyme; Garden Thyme; Common Thyme	1	
<i>Tilia</i> sp. Basswood; Lime; Linden	1	
<i>Trifolium pratense</i> Red Clover; Cowgrass; Purple Clover; Peavine Clover	1	
<i>Triticum aestivum</i> Wheat	1	10.0
<i>Tropaeolum majus</i> Nasturtium	1	
<i>Uncaria tomentosa</i> Garabato Amarillo; Una de Gato; Cat's Claw	1	
<i>Uncaria guianensis</i> Garabato Colorado; Tambor Huasca; Una de Gato; Cat's Claw; Ungunagi	1	
<i>Urtica dioica</i> European Nettle; Stinging Nettle	1	
<i>Vaccinium myrtillus</i> Dwarf Bilberry; Bilberry; Whortleberry	1	
<i>Vaccinium macrocarpon</i> American Cranberry; Large Cranberry; Cranberry	1	
<i>Vaccinium corymbosum</i> Blueberry	1	6000.0
<i>Valeriana officinalis</i> Common Valerian; Garden-Heliotrope; Valerian	1	
<i>Viburnum prunifolium</i> Black Haw	1	
<i>Viburnum opulus</i> European Cranberry Bush; Crampbark; Guelder Rose; Snowballbush	1	
<i>Vitis vinifera</i> European Grape; Vigne Vinifere (Fr.); Vid (Sp.); Wine Grape; Weinrebe (Ger.); Grape; Grapevine; Parra (Sp.)	1	
<i>Withania somnifera</i> Ashwagandha	1	
<i>Zea mays</i> Corn	1	
<i>Zingiber officinale</i> Ginger	1	