

A Oviposition-Stimulant

*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
Acacia nilotica Babul	1	
Acacia farnesiana Huisache; Popinac; Cassie; Sweet Acacia; Opopanax	1	
Acacia decurrens Green Wattle	1	
Acacia catechu Black Cutch; Catechu	1	
Achillea millefolium Yarrow; Milfoil	2	
Acinos suaveolens	1	
Aconitum napellus European Aconite; Monkshood; Soldier's Cap; Aconite; Helmet Flower; Turk's Cap; Garden Monkshood; Bear's-Foot; Blue Rocket; Friar's Cap; Queen's Fettle; Garden Wolfsbane	1	
Adiantum capillus-veneris Maidenhair Fern	1	
Adonis vernalis Spring Adonis	1	
Aesculus hippocastanum Horse Chestnut	1	
Agathosma betulina Mountain Buchu; Buchu; Honey Buchu	1	
Agrimonia eupatoria Sticklewort; Agrimony	2	
Ajuga iva Ivy Bugle	1	
Alisma plantago-aquatica Tse-Hsieh; Mud Plantain; Water Plantain; Ze-Xie	1	
Allium sativum var. sativum Garlic	2	
Allium cepa Shallot; Onion	1	
Allium ampeloprasum Elephant Garlic; Kurrat	1	
Althaea officinalis White Mallow; Marshmallow	1	
Amaranthus spinosus Spiny pigweed	1	
Amaranthus sp. Pigweed	1	
Ammi visnaga Visnaga	1	
Anastatica hierochuntica Jericho Rose	1	
Anethum graveolens Garden Dill; Dill	2	
Angelica archangelica Wild Parsnip; Angelica; Garden Angelica	1	
Apium graveolens Celery	2	340.0
Arachis hypogaea Groundnut; Peanut	2	24.0
Araucaria bidwillii Monkey puzzle	1	
Arctium lappa Great Burdock; Gobo; Burdock	1	
Arnica montana Leopard's-Bane; Mountain Tobacco	1	
Artemisia vulgaris Mugwort	1	
Artemisia herba-alba Desert Wormwood	1	
Artemisia dracuncululus Tarragon	2	1120.0
Artemisia absinthium Wormwood	2	
Artemisia abrotanum Southernwood	2	
Aspalathus linearis Rooibos; Red Bush Tea; Kaffree Tea	1	
Asparagus officinalis Asparagus	1	
Astragalus membranaceus Huang-Chi; Huang Qi	1	
Azadirachta indica Neem	1	

Plant	# Chemicals	Total PPM
<i>Ballota nigra</i> Black Horehound	2	
<i>Berberis vulgaris</i> Barberry	2	
<i>Beta vulgaris</i> Garden Beet; Beet; Beetroot; Sugar Beet	1	
<i>Boehmeria nivea</i> Ramie	1	
<i>Brassica oleracea</i> var. <i>italica</i> Sprouting Broccoli; Calabrese; Purple Cauliflower; Asparagus Broccoli; Broccoli; Winter Broccoli; Heading Broccoli; Cape Broccoli	2	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussels-Sprouts; Brussel-Sprout	1	40.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Cabbage; Red Cabbage; White Cabbage	1	
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	2	
<i>Brassica nigra</i> Black Mustard	1	
<i>Caesalpinia pulcherrima</i> Bird Of Paradise	1	
<i>Calendula officinalis</i> Calendula; Pot-Marigold	2	
<i>Camellia sinensis</i> Tea	2	2780.0
<i>Capparis spinosa</i> Caper; Caperbush	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Tabasco; Cayenne; Spur Pepper; Hot Pepper; Red Chili; Chili	2	
<i>Capsicum annuum</i> Green Pepper; Cherry Pepper; Sweet Pepper; Bell Pepper; Cone Pepper; Paprika	2	
<i>Centaurea cyanus</i> Cornflower; Bachelor's Button	1	
<i>Centaurea calcitrapa</i> Star-Thistle	1	
<i>Chamaemelum nobile</i> Garden Camomile; Perennial Camomile; Roman Camomile	1	
<i>Cichorium intybus</i> Witloof; Chicory; Succory	2	
<i>Cinchona pubescens</i> Quinine; Red Peruvian-Bark; Red Cinchona; Redbark	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	30200.0
<i>Citrus reticulata</i> Tangerine; Mandarin	2	
<i>Citrus paradisi</i> Grapefruit	2	227717.0
<i>Citrus limon</i> Lemon	4	4.0
<i>Citrus aurantium</i> Bitter Orange; Petitgrain	1	
<i>Clematis vitalba</i> Traveler's Joy	1	
<i>Cnicus benedictus</i> Blessed Thistle	1	
<i>Coffea arabica</i> Coffee	1	180000.0
<i>Conium maculatum</i> Hemlock; Carrot Fern; Spotted Hemlock; Fool's Parsley; Poison Hemlock; Spotted Parsley	1	
<i>Convallaria majalis</i> Lily-Of-The-Valley	2	
<i>Corchorus olitorius</i> Nalta Jute; Jew's Mallow; Mulukiya	1	
<i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro	2	640.0
<i>Cornus mas</i> Sorbet; Cornelian Cherry	1	
<i>Crataegus rhipidophylla</i> Hawthorn	2	
<i>Crataegus pentagyna</i> Hawthorn	2	
<i>Crataegus monogyna</i> English Hawthorn; Hawthorn	3	
<i>Crataegus laevigata</i> Woodland Hawthorn; Whitethorn; English Hawthorn; Hawthorn	2	
<i>Crataegus cuneata</i> Hawthorn	1	

Plant	# Chemicals	Total PPM
<i>Cucumis sativus</i> Cucumber	1	
<i>Cucumis melo</i> Melon; Nutmeg Melon; Persian Melon; Muskmelon; Netted Melon; Cantaloupe	1	
<i>Cyamopsis tetragonoloba</i> Cluster-Bean; Guar; Siam-Bean	1	
<i>Cydonia oblonga</i> Quince	1	
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	1	
<i>Cynara cardunculus</i> Artichoke	2	
<i>Datura stramonium</i> Jimsonweed	2	
<i>Daucus carota</i> Carrot	1	
<i>Dictamnus albus</i> Akgiritotu; Gazelotu; Burning Bush; Gas Plant; Dittany	1	
<i>Digitalis purpurea</i> Purple Foxglove	1	
<i>Dipsacus fullonum</i>	1	
<i>Dodonaea viscosa</i> Hopwood	1	
<i>Drynaria fortunei</i> Fortune's Fern	1	
<i>Echinacea</i> spp Coneflower; Echinacea	2	
<i>Echinacea purpurea</i> Eastern Purple-Coneflower; Echinacea; Purple-Coneflower	1	
<i>Echinacea pallida</i> Echinacea; Pale-Flower Echinacea; Pale Purple-Coneflower	1	
<i>Echinacea angustifolia</i> Narrow Leaf Purple-Coneflower; Echinacea; Narrow Leaf Echinacea	1	
<i>Elaeagnus angustifolia</i> Silver Berry; Russian Olive	1	
<i>Eleutherococcus senticosus</i> Ci wu jia (Pinyin); Spiny Ginseng; Siberian Ginseng; Wu jia; Eleuthero Ginseng	1	
<i>Ephedra nevadensis</i> Mormon Tea; Brigham Tea	1	
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	
<i>Eriobotrya japonica</i> Loquat	1	
<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> Tasmanian Bluegum; Blue Gum; Eucalypt	2	
<i>Eucalyptus citriodora</i> Lemon Eucalyptus; Spotted Gum; Citron-Scented Gum; Lemon-Scented Gum	1	
<i>Eucommia ulmoides</i> Du Zhong; Tu Chung; Gutta-Percha Tree	1	
<i>Eupatorium perfoliatum</i> Boneset	1	
<i>Euphorbia pulcherrima</i> Poinsettia	1	
<i>Euphrasia officinalis</i> Eyebright	1	
<i>Fagopyrum esculentum</i> Buckwheat	2	468900.0
<i>Fallopia japonica</i> Hu-Zhang; Japanese Knotweed; Giant Knotweed; Mexican Bamboo	1	
<i>Ficus carica</i> Fig; Feigenbaum (Ger.); Echte Feige (Ger.); Fico (Ital.); Higo (Sp.); Figuier Commun (Fr.); Figueira (Port.); Higuera Comun (Sp.)	1	15300.0
<i>Filipendula ulmaria</i> Meadowsweet; Queen Of The Meadow	1	
<i>Foeniculum vulgare</i> Fennel	2	
<i>Forsythia suspensa</i> Lian-Jiao; Lien-Chiao	1	2000.0
<i>Fragaria</i> spp Strawberry	1	
<i>Galega officinalis</i> Galega; Goat's Rue	1	
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	1	
<i>Glechoma hederacea</i> Alehoof	2	

Plant	# Chemicals	Total PPM
<i>Glycine max</i> Soybean	2	
<i>Glycyrrhiza uralensis</i> Kan-Tsao; Gan-Cao; Chinese Licorice	1	
<i>Gossypium sp</i> Cotton	1	
<i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant	1	
<i>Hedera helix</i> Ivy	2	
<i>Helianthus annuus</i> Girasol; Sunflower	1	56000.0
<i>Hemidesmus indicus</i> Indian Sarsaparilla	1	
<i>Hordeum vulgare</i> Barleygrass; Barley	1	
<i>Houttuynia cordata</i> Yu Xing Cao; Dokudami; Fishwort	2	
<i>Humulus lupulus</i> Hops	2	4000.0
<i>Hydrangea paniculata</i> Peegee	1	82000.0
<i>Hydrangea arborescens</i> Smooth Hydrangea; Hydrangea	1	
<i>Hydrastis canadensis</i> Goldenseal	1	
<i>Hyoscyamus niger</i> Henbane	2	
<i>Hypericum perforatum</i> Goatweed; St. John's-wort; Hypericum; Klamath Weed; Common St. Johnswort	2	
<i>Ilex paraguariensis</i> Paraguay Tea; Mate; South American Holly	2	
<i>Illicium verum</i> Chinese Star Anise; Star Anise; anis de China (Sp.); Chinesischer Sternanis (Ger.); anis estrellado (Sp.); Sternanis (Ger.)	1	
<i>Ipomoea batatas</i> Sweet Potato	1	
<i>Juglans regia</i> English Walnut	1	
<i>Juniperus communis</i> Juniper; Common Juniper	2	
<i>Laurus nobilis</i> Sweet Bay; Bay; Bay Laurel; Laurel; Bayleaf; Grecian Laurel	1	
<i>Leonurus cardiaca</i> Motherwort	1	
<i>Ligustrum lucidum</i> White Waxtree; Glossy Privet; Privet; Ligustri Fructus; Chinese Privet	1	
<i>Linum usitatissimum</i> Flax; Linseed	2	
<i>Lonicera japonica</i> Japanese Honeysuckle	1	
<i>Lycium chinense</i> Lyciet de Chine (Fr.); Daun Koki (Indones.); Spina Santa Cinese (Ital.); Wolfberry; Gou Qi (Chin.); Chinese Matrimony Vine; Chinese Wolfberry; Kaukichai (Malays.); Kuko (Jap.); Chinese Boxthorn; Chinesischer Bocksdom (Ger.)	1	
<i>Lycopersicon esculentum</i> Tomato	2	48036.0
<i>Lycopus virginicus</i> Bugle	1	
<i>Lycopus europeus</i> European Bugle	1	
<i>Lythrum salicaria</i> Purple Loosestrife	1	
<i>Maclura pomifera</i> Osage-Orange; Hedge Apple	1	
<i>Magnolia kobus</i> Hsin-I; Xin-Yi	1	1000.0
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	1	
<i>Mahonia repens</i> Oregon Grape; Creeping Barberry; Oregon Barberry; Oregon Grape-Holly	1	
<i>Malus domestica</i> Apple	2	
<i>Maranta arundinacea</i> Bermuda Arrowroot; Arrowroot	1	
<i>Marrubium vulgare</i> Horehound; White Horehound	2	
<i>Matricaria recutita</i> German Camomile; Annual Camomile; Wild Camomile	2	
<i>Melia azedarach</i> Chinaberry	1	
<i>Melissa officinalis</i> Lemonbalm; Bee Balm; Melissa; Balm	1	
<i>Mentha x piperita</i> Peppermint	2	

Plant	# Chemicals	Total PPM
<i>Menyanthes trifoliata</i> Buckbean; Bogbean; Bog Myrtle; Marsh Trefoil; Water Trefoil; Marsh Clover	2	
<i>Mercurialis annua</i> Annual Mercury	1	
<i>Monarda didyma</i> Beebalm; Oswego Tea	1	
<i>Morinda citrifolia</i> Indian Mulberry; Noni	1	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	2	120000.0
<i>Musa x paradisiaca</i> Banana; Plantain	1	
<i>Nasturtium officinale</i> Berro; Watercress	1	
<i>Nelumbo nucifera</i> Water Lotus	1	
<i>Nerium oleander</i> Oleander	1	
<i>Nicotiana tabacum</i> Tobacco	2	20000.0
<i>Nicotiana glauca</i> Tree Tobacco	1	42000.0
<i>Nigella sativa</i> Black Caraway; Black Cumin; Roman Coriander; Fennel-Flower; Nutmeg-Flower	1	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	1	
<i>Ocimum basilicum</i> Sweet Basil; Cuban Basil; Basil	2	
<i>Olea europaea</i> Olive	1	
<i>Opuntia ficus-indica</i> Prickly Pear; Nopal; Indian Fig; Nopalito	1	
<i>Origanum vulgare</i> Wild Oregano; Wild Marjoram; Pot Marjoram; European Oregano; Oregano; Common Turkish Oregano	3	
<i>Origanum majorana</i> Sweet Marjoram; Marjoram	2	
<i>Passiflora incarnata</i> Manzana de Mayo; Passionflower; Mayapple	2	
<i>Pastinaca sativa</i> Parsnip	1	
<i>Persea americana</i> Avocado	1	
<i>Petroselinum crispum</i> Parsley	2	60000.0
<i>Peucedanum ostruthium</i> Masterwort	1	
<i>Phaseolus vulgaris</i> Dwarf Bean; Green Bean; Garden Bean; Field Bean; Kidney Bean; Haricot; Flageolet Bean; French Bean; Haricot Bean; Haricot Vert; Popping Bean; Snap Bean; Wax Bean; String Bean; Navy Bean; Pop Bean; Black Bean	1	
<i>Phaseolus aborigineus</i>	1	
<i>Phoenix dactylifera</i> Date Palm	2	
<i>Phyllanthus niruri</i> Seed On The Leaf	1	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	1	
<i>Phyllanthus amarus</i>	1	
<i>Physalis peruviana</i> Cape Gooseberry; Ground Cherry	2	
<i>Pimpinella anisum</i> Anise; Sweet Cumin	2	
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Piper nigrum</i> Pepper; White Pepper; Black Pepper	1	
<i>Plantago major</i> Common Plantain	1	
<i>Pluchea carolinensis</i> Santa maria; Pito sico	1	
<i>Plumeria acutifolia</i> Frangipani	1	
<i>Polygonum hydropiper</i> Common Smartweed	1	60000.0
<i>Polygonum aviculare</i> Prostrate Knotweed	1	
<i>Prunella vulgaris</i> Self-Heal; Heal-All	1	
<i>Prunus spinosa</i> Sloe; Blackthorn	1	
<i>Prunus persica</i> Peach	1	

Plant	# Chemicals	Total PPM
<i>Prunus domestica</i> Plum	1	
<i>Prunus cerasus</i> Sour Cherry	2	
<i>Prunus armeniaca</i> Apricot	2	35400.0
<i>Pteridium aquilinum</i> Bracken; Bracken Fern	1	
<i>Pueraria montana</i> Kudzu; Kudsu	1	
<i>Punica granatum</i> Pomegranate; Zakuro (Jap.); Granatapfelstrauch (Ger.); Romanzeiro (Port.); Granatapfelbaum (Ger.); Granado (Sp.); Grenadier (Fr.); Mangrano (Sp.)	3	
<i>Rheum rhabarbarum</i> Rhubarb	1	12000.0
<i>Rheum officinale</i> Chinese Rhubarb	1	
<i>Rhododendron ponticum</i> Pontic Alpenrose	1	
<i>Ribes uva-crispa</i> Gooseberry	1	
<i>Ribes nigrum</i> Black Currant	2	
<i>Ricinus communis</i> Castorbean	2	4000.0
<i>Rosa multiflora</i> Multiflora Rose	1	
<i>Rosa damascena</i> Damask Rose	1	30000.0
<i>Rosmarinus officinalis</i> Rosemary	1	
<i>Rubus phoenicolasius</i> Wineberry; Japanese Wineberry; Wine Raspberry	1	
<i>Rubus idaeus</i> Red Raspberry; Raspberry	1	
<i>Rubus fruticosus</i> Blackberry	1	
<i>Rumex crispus</i> Sour Dock; Lengua De Vaca; Curly Dock; Yellow Dock	1	
<i>Rumex acetosella</i> Sheep Sorrel	1	10600.0
<i>Rumex acetosa</i> Garden Sorrel	1	25600.0
<i>Ruscus aculeatus</i> Butcher's Broom; Box-Holly	1	800.0
<i>Ruta graveolens</i> Rue	1	40000.0
<i>Salix alba</i> White Willow	1	
<i>Salvia officinalis</i> Sage	1	
<i>Sambucus simpsonii</i> Simpson's elderberry	1	
<i>Sambucus nigra</i> European Alder; Elder; European Elder; European Elderberry; Black Elder	2	18400.0
<i>Sambucus canadensis</i> American Elderberry; Elderberry; American Elder; Sweet Elder	1	73000.0
<i>Satureja montana</i> Savory; Winter Savory	1	
<i>Scopolia carniolica</i> Scopolia	2	
<i>Selenicereus grandiflorus</i> Queen-of-the-Night; Night-Blooming Cereus	1	
<i>Senna obtusifolia</i> Sicklepod	1	
<i>Serenoa repens</i> Scrub-Palmetto; Saw Palmetto	1	
<i>Sesamum indicum</i> Ajonjoli (Sp.); Sesamo (Sp.); Benneseed; Beni; Sesame	1	
<i>Smilax china</i> China Root	1	
<i>Solanum tuberosum</i> Potato	2	4021.0
<i>Solanum torvum</i> Susumba; Wild Eggplant	1	
<i>Solanum melongena</i> Eggplant; Aubergine	1	
<i>Solidago virgaurea</i> Woundwort; European Goldenrod	2	
<i>Solidago gigantea</i> Early Goldenrod	1	
<i>Sophora japonica</i> Japanese Pagoda Tree	1	868000.0
<i>Sorbus aucubaria</i> Rowan Berry	2	

Plant	# Chemicals	Total PPM
<i>Spinacia oleracea</i> Spinach	2	340.0
<i>Stachys officinalis</i> Betony; Purple Betony; Wood Betony; Bishop's-Wort	1	
<i>Stachytarpheta jamaicensis</i> Brazilian Tea	1	
<i>Stellaria media</i> Common Chickweed; Chickweed	3	
<i>Stevia rebaudiana</i> Stevia; Ca-A-E; Sweet Leaf of Paraguay	1	
<i>Strychnos nux-vomica</i> Nux-Vomica; Stychnine	1	
<i>Symphytum officinale</i> Comfrey	1	
<i>Syringa vulgaris</i> Lilac	1	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Tephrosia purpurea</i> Purple Tephrosia; Wild Indigo	1	
<i>Terminalia chebula</i> Myrobalan; Ink Nut; Chebulic Myrobalan; Black Myrobalan	1	
<i>Teucrium scorodonia</i> Germander; Wood Germander	1	
<i>Teucrium scordium</i> Water Germander	2	
<i>Teucrium chamaedrys</i> Wall Germander	1	400.0
<i>Theobroma cacao</i> Cacao	2	
<i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme	1	
<i>Tilia</i> sp. Linden; Basswood; Lime	1	
<i>Tragopogon porrifolius</i> Salsify	1	
<i>Tribulus terrestris</i> Puncture-vine	1	
<i>Trifolium pratense</i> Peavine Clover; Red Clover; Cowgrass; Purple Clover	1	
<i>Trigonella foenum-graecum</i> Bockshornklee (Ger.); Fenugreek; Alholva (Sp.); Greek Hay; Greek Clover	2	
<i>Triticum aestivum</i> Wheat	1	10.0
<i>Tropaeolum majus</i> Nasturtium	1	
<i>Tussilago farfara</i> Coltsfoot	1	7200.0
<i>Uncaria tomentosa</i> Garabato Amarillo; Una de Gato; Cat's Claw	2	
<i>Uncaria guianensis</i> Ungunagi; Una de Gato; Cat's Claw; Tambor Huasca; Garabato Colorado	2	
<i>Urtica dioica</i> European Nettle; Stinging Nettle	2	
<i>Vaccinium myrtillus</i> Whortleberry; Bilberry; Dwarf Bilberry	2	
<i>Vaccinium macrocarpon</i> American Cranberry; Cranberry; Large Cranberry	1	
<i>Vaccinium corymbosum</i> Blueberry	2	6000.0
<i>Valeriana officinalis</i> Common Valerian; Valerian; Garden-Heliotrope	1	
<i>Viburnum prunifolium</i> Black Haw	1	
<i>Viburnum opulus</i> Crampbark; Guelder Rose; European Cranberry Bush; Snowballbush	1	
<i>Vigna radiata</i> Mungbean; Green Gram	1	
<i>Viola tricolor</i> Wild Violet; Pansy	2	460000.0
<i>Viola odorata</i> Common Violet; Sweet Violet	1	40000.0
<i>Vitis vinifera</i> Grapevine; Vigne Vinifere (Fr.); Wine Grape; Vid (Sp.); Grape; European Grape; Parra (Sp.); Weinrebe (Ger.)	2	
<i>Withania somnifera</i> Ashwagandha	2	
<i>Xylopia aethiopica</i> Negro Pepper; Spice Tree; Ethiopian Pepper; Maniguete (Sp.); Pimienta de Guinea (Sp.); Guinea Pepper; Mohrenpfeffer (Ger.)	1	
<i>Zea mays</i> Corn	1	

Plant	# Chemicals	Total PPM
Zingiber officinale Ginger	1	
Zizyphus jujuba Da-Zao; Jujube; Ta-Tsao	1	30000.0