

\*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	2640.0
<i>Acinos suaveolens</i>	1	
<i>Acorus calamus</i> Calamus; Myrtle Flag; Sweetflag; Sweet Calamus; Flagroot; Sweetroot	1	200.0
<i>Aloysia citrodora</i> Lemon Verbena	1	840.0
<i>Alpinia officinarum</i> Chinese Ginger; Lesser Galangal	1	
<i>Alpinia galanga</i> Languas; Greater Galangal; Siamese Ginger	1	
<i>Amomum compactum</i> Chester Cardamom; Round Cardamom; Siam Cardamom; Java Cardamom	1	
<i>Artemisia vulgaris</i> Mugwort	1	
<i>Artemisia salsoloides</i>	1	
<i>Artemisia herba-alba</i> Desert Wormwood	1	
<i>Artemisia dracunculus</i> Tarragon	1	1000.0
<i>Artemisia cina</i> Levant Wormseed	1	48000.0
<i>Artemisia annua</i> Qinghao; Annual Mugwort (GRIN); Sweet Annie; Annual Wormwood (GRIN); Sweet Wormwood (GRIN)	1	13200.0
<i>Calamintha nepeta</i> Turkish Calamint	1	
<i>Callicarpa americana</i> American Beauty Berry; Beauty Berry; French Mulberry	1	
<i>Capsicum frutescens</i> Cayenne; Spur Pepper; Tabasco; Hot Pepper; Chili; Red Chili	1	
<i>Carum carvi</i> Carum; Comino (Sp.); Caraway; Kummel (Ger.); Comino de prado (Sp.)	1	
<i>Chamaemelum nobile</i> Roman Camomile; Garden Camomile; Perennial Camomile	1	
<i>Chrysanthemum x morifolium</i> Ju Hua (Pinyin); Florist's Chrysanthemum; Mum; Chrysanthemum	1	
<i>Chrysanthemum parthenium</i> Feverfew	1	
<i>Chrysanthemum balsamita</i> Balsamite; Costmary	1	
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	1	1600.0
<i>Cinnamomum camphora</i> Camphor; Ho Leaf	1	6288.0
<i>Cinnamomum aromaticum</i> Canela de la China (Sp.); Chinese Cassia; Chinesischer Zimtbaum (Ger.); Cassia; Canelle de Cochinchine (Fr.); Kasha-Keihi (Jap.); Cannelier de Chine (Fr.); Chinazimt (Ger.); Zimtcassie (Ger.); Chinese Cinnamon; Cassia Lignea; China Junk Cassia; Saigon Cinnamon; Cassia Bark; Canelero chino (Sp.); Cannelier Casse (Fr.)	1	
<i>Citrus reticulata</i> Tangerine; Mandarin	1	152.0
<i>Citrus aurantiifolia</i> Lime	1	140.0
<i>Cleonia lusitanica</i> Spanish Heal-All	1	
<i>Coriandrum sativum</i> Chinese Parsley; Coriander; Cilantro	1	
<i>Crocus sativus</i> Saffron	1	
<i>Cuminum cyminum</i> Cumin	1	276.0
<i>Cunila origanoides</i> Mountain Dittany; Frost Flower; Dittany; Stone Mint; Frost Mint; Maryland Dittany; American Dittany	1	56.0
<i>Curcuma zedoaria</i> Shoti; Zedoary	1	3840.0
<i>Curcuma longa</i> Indian Saffron; Turmeric	1	10295.0
<i>Cymbopogon citratus</i> West Indian Lemongrass; Lemongrass	1	
<i>Cyperus rotundus</i> Nutsedge	1	
<i>Dracocephalum thymiflora</i> Thyme-Flowered Moldavica	1	268.0
<i>Elettaria cardamomum</i> Cardamom	1	112000.0
<i>Elsholtzia polystachya</i> Bush Mint	1	

Plant	# Chemicals	Total PPM
Elsholtzia pilosa Hairy Mint Shrub	1	
Elsholtzia cristata Furan Chemotype	1	
Elsholtzia blanda Bantulsi; Bantaluki	1	
Eucalyptus viridis	1	
Eucalyptus tetraptera	1	
Eucalyptus tereticornis	1	
Eucalyptus stoatei	1	
Eucalyptus sparsa	1	
Eucalyptus sp Gum	1	
Eucalyptus sideroxylon	1	
Eucalyptus siderophloia	1	
Eucalyptus saligna	1	
Eucalyptus punctata	1	
Eucalyptus porosa	1	
Eucalyptus populnea	1	
Eucalyptus polyanthemos	1	
Eucalyptus paniculata	1	
Eucalyptus oviformis	1	
Eucalyptus odorata	1	
Eucalyptus ochrophloia	1	
Eucalyptus occidentalis	1	
Eucalyptus nova-anglica New England 'peppermint'	1	
Eucalyptus moluccana	1	
Eucalyptus melliodora	1	
Eucalyptus melanophloia	1	
Eucalyptus maideni	1	
Eucalyptus maculata Gum	1	
Eucalyptus leucoxylon	1	
Eucalyptus largisparsa	1	
Eucalyptus lansdowneana	1	
Eucalyptus intertexta	1	
Eucalyptus incrassata	1	
Eucalyptus globulus Blue Gum; Tasmanian Bluegum; Eucalypt	1	63000.0
Eucalyptus forrestiana	1	
Eucalyptus fasciculosa	1	
Eucalyptus erythrandra	1	
Eucalyptus dolichorhyncha	1	
Eucalyptus diversicolor	1	
Eucalyptus desquamata	1	
Eucalyptus dealbata	1	
Eucalyptus cuprea	1	
Eucalyptus cladocalyx	1	

Plant	# Chemicals	Total PPM
<i>Eucalyptus citriodora</i> Spotted Gum; Lemon Eucalyptus; Lemon-Scented Gum; Citron-Scented Gum	1	7160.0
<i>Eucalyptus ceratocorys</i>	1	
<i>Eucalyptus camaldulensis</i>	1	
<i>Eucalyptus bridgesiana</i> Bridges' Eucalyptus	1	
<i>Eucalyptus brassiana</i> Brasses' Eucalyptus	1	
<i>Eucalyptus botryoides</i>	1	
<i>Eucalyptus bosistoana</i>	1	
<i>Eucalyptus blakelyi</i>	1	
<i>Eucalyptus behriana</i>	1	
<i>Eucalyptus astringens</i>	1	
<i>Eucalyptus angulosa</i>	1	
<i>Eucalyptus albens</i>	1	
<i>Foeniculum vulgare</i> Fennel	1	600.0
<i>Glechoma hederacea</i> Alehoof	1	74.0
<i>Hedeoma reverchonii</i> Reverchon's Pennyroyal	1	894.0
<i>Hedeoma pulegioides</i> American Pennyroyal	1	60.0
<i>Hedeoma drummondii</i> Drummond's Pennyroyal	1	4684.0
<i>Helianthus annuus</i> Sunflower; Girasol	1	
<i>Hibiscus sabdariffa</i> Indian Sorrel; Sorrel; Roselle; Malventee (Ger.); Sereni (Sp.); Jamaica Sorrel; Rosella (Ger.); Red Sorrel; Rosa de Jamaica (Sp.); Kharkadi; Acedera de Guinea (Sp.)	1	
<i>Houttuynia cordata</i> Fishwort; Dokudami; Yu Xing Cao	1	
<i>Hyptis suaveolens</i> Wild Hops	1	9110.0
<i>Hyssopus officinalis</i> Hyssop	1	1220.0
<i>Illicium verum</i> anis estrellado (Sp.); Chinese Star Anise; anis de China (Sp.); Star Anise; Chinesischer Sternanis (Ger.); Sternanis (Ger.)	1	7000.0
<i>Isanthus brachiatus</i> False Pennyroyal	1	
<i>Juniperus sabina</i> Sabine	1	
<i>Lantana camara</i> Lantana; Wild Sage	1	
<i>Laurus nobilis</i> Bay; Sweet Bay; Laurel; Grecian Laurel; Bay Laurel; Bayleaf	1	39800.0
<i>Lavandula x intermedia</i> Dutch Lavender; Lavandin	1	2220.0
<i>Lavandula x hybrida</i> Hybrid Lavender	1	
<i>Lavandula latifolia</i> Aspic; Broad-Leaved Lavender; Spike Lavender	1	6868.0
<i>Lavandula angustifolia</i> English Lavender	1	
<i>Lepechinia calycina</i> Epling's Lepechinia	1	1970.0
<i>Levisticum officinale</i> Lovage	1	
<i>Lindera benzoin</i> Fieberstrauch (Ger.); Benjamin Bush; Spicebush; Wild Allspice	1	
<i>Lippia alba</i> White Lippia	1	
<i>Litsea glaucescens</i> Mexican bay	1	
<i>Lycopus virginicus</i> Bugle	1	36.0
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	1	
<i>Melaleuca</i> sp Tea-Tree	1	
<i>Melaleuca cajuputi</i> Vietnamese Cajuput Oil	1	
<i>Melaleuca alternifolia</i> Teatree	1	

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<i>Mentha x piperita</i> Peppermint	1	4390.0
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	1	18750.0
<i>Mentha pulegium</i> European Pennyroyal	1	40.0
<i>Mentha longifolia</i> Biblical Mint	1	21860.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Field Mint; Japanese Mint; Cornmint	1	
<i>Mentha aquatica</i> Water Mint	1	
<i>Micromeria thymifolia</i>	1	
<i>Micromeria teneriffae</i>	1	
<i>Micromeria myrtifolia</i> Dagcayi; Topukcayi; Haydarotu	1	
<i>Micromeria fruticosa</i> Zuta; Tea Hyssop; Zopha	1	
<i>Micromeria congesta</i> Kaya Yarpuzu	1	
<i>Moldavica thymiflora</i> Thyme-Flowered Moldavica	1	
<i>Monarda russeliana</i> Russel's Monarda	1	650.0
<i>Monarda punctata</i> Horsemint	1	13728.0
<i>Monarda media</i> Mean Monarda	1	2702.0
<i>Monarda lindheimeri</i> Lindheimer's Monarda	1	956.0
<i>Monarda fistulosa</i> Wild Bergamot	1	10012.0
<i>Monarda didyma</i> Oswego Tea; Beebalm	1	5614.0
<i>Monarda clinopodia</i> Clinopod Bergamot	1	2766.0
<i>Monarda citriodora</i> Lemon Mint	1	1228.0
<i>Myristica fragrans</i> Muskatnussbaum (Ger.); Nutmeg; nogal moscado (Sp.); nuez moscada (Sp.); Mace	1	9120.0
<i>Myrtus communis</i> Myrte (Ger.); Mirto (Sp.); Arrayan (Sp.); Myrtle	1	4130.0
<i>Nepeta racemosa</i> Catmint	1	
<i>Nicotiana tabacum</i> Tobacco	1	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	1	
<i>Ocimum kilimandscharicum</i> Kenyan Perennial Basil; African Blue Basil	1	
<i>Ocimum gratissimum</i> Agbo; Shrubby Basil	1	
<i>Ocimum canum</i> Hoary Basil	1	
<i>Ocimum basilicum</i> Sweet Basil; Basil; Cuban Basil	1	911.0
<i>Origanum vulgare</i> Slender Turkish Oregano	1	192.0
<i>Origanum sipyleum</i> Guveyoto; Bayircayi	1	
<i>Origanum onites</i> Oregano; Pot Marjoram	1	46.0
<i>Origanum minutiflorum</i> Small-Flowered Oregano	1	
<i>Peumus boldus</i> Boldo	1	80000.0
<i>Pimenta racemosa</i> West Indian Bay; Bayrum Tree	1	1360.0
<i>Pimenta dioica</i> Pimento; Clover-Pepper; Pimenta; Allspice; Jamaica-Pepper	1	102.0
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Piper nigrum</i> Pepper; Black Pepper; White Pepper	1	
<i>Piper cubeba</i> Cubeb; Cubeb Pepper	1	2800.0
<i>Piper auritum</i> Cordoncillo; Hierba Santa; Hoja Santa	1	
<i>Prunella vulgaris</i> Heal-All; Self-Heal	1	
<i>Pycnanthemum virginianum</i> Virginia Mountain Mint	1	116.0

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<i>Pycnanthemum verticillatum</i> Whorled Mountain Mint	1	84.0
<i>Pycnanthemum torreyi</i> Torrey's Mountain Mint	1	20.0
<i>Pycnanthemum tenuifolium</i> Slenderleaf Mountain Mint	1	2200.0
<i>Pycnanthemum setosum</i> Setose Mountain Mint	1	14198.0
<i>Pycnanthemum pycnanthemoides</i> Typical Mountain Mint	1	232.0
<i>Pycnanthemum pilosum</i> Pilose Mountain Mint	1	140.0
<i>Pycnanthemum muticum</i> Muticous Mountain Mint	1	100.0
<i>Pycnanthemum montanum</i> Montane Mountain Mint	1	1440.0
<i>Pycnanthemum loomisii</i> Loomis' Mountain Mint	1	52080.0
<i>Pycnanthemum incanum</i> Hoary Mountain Mint	1	152.0
<i>Pycnanthemum clinopodioides</i> Clinopod Mountain Mint	1	176.0
<i>Pycnanthemum californicum</i> California Mountain Mint	1	1152.0
<i>Pycnanthemum beadleii</i> Beadle's Mountain Mint	1	56.0
<i>Pycnanthemum albescens</i> White Mountain Mint	1	540.0
<i>Ravensara aromatica</i> Ravensara	1	
<i>Ribes nigrum</i> Black Currant	1	
<i>Rosmarinus x mendizabalii</i> Mendizabali's Rosemary	1	
<i>Rosmarinus x lavandulaceus</i> Lavender Rosemary	1	
<i>Rosmarinus tomentosus</i> Hairy Rosemary	1	
<i>Rosmarinus officinalis</i> Rosemary	1	16250.0
<i>Rosmarinus eriocalyx</i> Rosemary	1	
<i>Salvia triloba</i> Greek Sage	1	37200.0
<i>Salvia sclarea</i> Clary Sage	1	
<i>Salvia officinalis</i> Sage	1	12576.0
<i>Salvia dorisiana</i> 'Honduran' Sage	1	
<i>Sassafras albidum</i> Sassafras	1	
<i>Satureja subspicata</i> Yugoslav Savory	1	
<i>Satureja parvifolia</i> Small-Leaf Pampa Savory	1	
<i>Satureja odora</i> Scented Pampa Savory	1	
<i>Satureja montana</i> Savory; Winter Savory	1	
<i>Satureja hortensis</i> Summer Savory	1	
<i>Satureja douglasii</i> Douglas' Savory	1	390.0
<i>Satureja cuneifolia</i> Cuneate Turkish Savory	1	
<i>Satureja cilicica</i> Turkish Savory	1	
<i>Sideritis pauli</i> El Molinillo Sideritis	1	
<i>Sideritis mugronensis</i>	1	
<i>Sideritis germanicolpitana</i>	1	
<i>Sideritis athoa</i> Kedi Kuyrugu Cayi	1	
<i>Stachys germanica</i> Downy Woundwort	1	96.0
<i>Stevia rebaudiana</i> Sweet Leaf of Paraguay; Stevia; Ca-A-E	1	
<i>Tagetes minuta</i> Mexican Marigold; Stinking-Roger; Muster John Henry; Aztec Marigold; Wild Marigold; Dwarf Marigold	1	250.0
<i>Tagetes lucida</i> Sweet-Scent Marigold; Sweet-Scent Mexican Marigold; Anise Marigold; Sweet-Mace	1	

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<i>Tagetes erecta</i> Aztec Marigold; Marigold	1	86.0
<i>Tanacetum vulgare</i> Tansy	1	2600.0
<i>Tanacetum parthenium</i> Feverfew	1	
<i>Telosma cordata</i> Merrill flowers	1	
<i>Teucrium scorodonia</i> Germander; Wood Germander	1	
<i>Teucrium salviastrum</i>	1	
<i>Teucrium pseudoscorodonia</i>	1	
<i>Teucrium polium</i> Golden Germander; Iberian Golden Germander	1	
<i>Teucrium oxylepis</i>	1	
<i>Teucrium micropodioides</i> Small 'Cyprus' Germander	1	
<i>Teucrium kotschyianum</i> Stavros Kotschy's Germander	1	
<i>Teucrium gnaphalodes</i> Iberian Germander	1	
<i>Teucrium divaricatum</i> Hoary Divaricate Germander	1	
<i>Teucrium cyprium</i> 'Cyprus' Germander	1	
<i>Teucrium asiaticum</i>	1	
<i>Teucrium arduini</i> 'Croatian Alpine' Germander	1	
<i>Thymus zygis</i> Spanish Thyme	1	
<i>Thymus x citriodorus</i> Lemon Thyme; Funk's thyme	1	
<i>Thymus serpyllum</i> Creeping Thyme	1	76.0
<i>Thymus mastichina</i> Spanish Marjoram	1	15000.0
<i>Thymus longicaulis</i> Tas Kekik; Kekik	1	
<i>Thymus funkii</i> Funk's Thyme	1	
<i>Thymus cilicicus</i> 'Anatolian' Thyme	1	
<i>Thymus capitatus</i> Spanish Origanum; Spanish Thyme; 'Sicilian' Thyme	1	60.0
<i>Turnera diffusa</i> Damiana	1	2200.0
<i>Umbellularia californica</i> California Bay	1	18720.0
<i>Vaccinium corymbosum</i> Blueberry	1	
<i>Valeriana officinalis</i> Garden-Heliotrope; Common Valerian; Valerian	1	
<i>Vetiveria zizanioides</i> Cus-Cus; Vetiver; Cuscus Grass	1	
<i>Vitex agnus-castus</i> Chaste-Tree	1	
<i>Zea mays</i> Corn	1	
<i>Zingiber officinale</i> Ginger	1	5490.0