

A CNS-Paralytic

*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 esculentus</i> Okra	1	206.0
<i>Acacia nilotica</i> Babul	1	
<i>Aconitum napellus</i> Friar's Cap; Garden Wolfsbane; European Aconite; Soldier's Cap; Blue Rocket; Turk's Cap; Aconite; Monkshood; Queen's Fettle; Garden Monkshood; Bear's-Foot; Helmet Flower	1	
<i>Acorus calamus</i> Sweetflag; Calamus; Flagroot; Myrtle Flag; Sweetroot; Sweet Calamus	1	
<i>Actinidia polygama</i> Silver Vine; Cat Powder	1	
<i>Aframomum melegueta</i> Guinea Grains; Malagueta (Sp.); Melegueta Pepper; Alligator Pepper; Grains-of-Paradise; Malagettapfeffer (Ger.)	1	
<i>Agave americana</i> Maguey; Century Plant	1	
<i>Allium schoenoprasum</i> Chives	1	
<i>Allium cepa</i> Shallot; Onion	1	20.0
<i>Allium ampeloprasum</i> Kurrat; Elephant Garlic	1	
<i>Alocasia macrorrhiza</i> Giant Taro	1	
<i>Anacardium occidentale</i> Cashew	1	6368.0
<i>Ananas comosus</i> Pineapple	1	116.0
<i>Anemone pulsatilla</i> Pasque Flower	1	
<i>Angelica archangelica</i> Wild Parsnip; Angelica; Garden Angelica	1	
<i>Apium graveolens</i> Celery	1	
<i>Arctostaphylos uva-ursi</i> Uva Ursi; Bearberry	1	
<i>Avena sativa</i> Oats	1	800.0
<i>Averrhoa carambola</i> Carambola; Star Fruit	1	
<i>Benincasa hispida</i> Waxgourd	1	68.0
<i>Beta vulgaris</i> Garden Beet; Beetroot; Beet; Sugar Beet	1	808.0
<i>Brassica oleracea</i> var. <i>capitata</i> l. Red Cabbage; White Cabbage; Cabbage	1	700.0
<i>Brassica oleracea</i> var. <i>botrytis</i> l. Cauliflower	1	136.0
<i>Brassica juncea</i> Mustard Greens	1	2574.0
<i>Byrsonima crassifolia</i> Nance	1	
<i>Camellia sinensis</i> Tea	1	20000.0
<i>Capparis spinosa</i> Caperbush; Caper	1	
<i>Capsella bursa-pastoris</i> Shepherd's Purse	1	
<i>Capsicum frutescens</i> Red Chili; Spur Pepper; Chili; Tabasco; Hot Pepper; Cayenne	1	
<i>Capsicum annuum</i> Bell Pepper; Green Pepper; Cherry Pepper; Sweet Pepper; Paprika; Cone Pepper	1	2342.0
<i>Centaurium erythraea</i> Centaury	1	
<i>Chenopodium album</i> Lambsquarter	1	600000.0
<i>Cicer arietinum</i> Garbanzo; Chickpea	1	48.0
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	1	
<i>Citrus sinensis</i> Orange	1	174.0
<i>Citrus reticulata</i> Mandarin; Tangerine	1	
<i>Citrus paradisi</i> Grapefruit	1	
<i>Citrus aurantiifolia</i> Lime	1	

Plant	# Chemicals	Total PPM
<i>Clematis vitalba</i> Traveler's Joy	1	
<i>Coffea arabica</i> Coffee	1	308.0
<i>Colchicum autumnale</i> Autumn Crocus; Meadow Saffron	1	24600.0
<i>Colocasia esculenta</i> Taro	1	2668.0
<i>Consolida ajacis</i> Larkspur	1	
<i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro	1	100.0
<i>Crataegus rhipidophylla</i> Hawthorn	1	
<i>Crataegus laevigata</i> Whitethorn; English Hawthorn; Woodland Hawthorn; Hawthorn	1	
<i>Cucurbita pepo</i> Pumpkin	1	800.0
<i>Daucus carota</i> Carrot	1	112.0
<i>Ephedra sinica</i> Chinese Ephedra; Ma Huang	1	
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	
<i>Eschscholzia californica</i> California Poppy	1	
<i>Eucalyptus citriodora</i> Citron-Scented Gum; Lemon-Scented Gum; Spotted Gum; Lemon Eucalyptus	1	
<i>Fagopyrum esculentum</i> Buckwheat	1	222000.0
<i>Ficus carica</i> Higuera Comun (Sp.); Higo (Sp.); Feigenbaum (Ger.); Figuier Commun (Fr.); Figueira (Port.); Fig; Echte Feige (Ger.); Fico (Ital.)	1	
<i>Gentiana scabra</i> Japanese Gentian	1	1000.0
<i>Gentiana lutea</i> Yellow Gentian; Gentian	1	16000.0
<i>Gloriosa superba</i> Glory Lily	1	
<i>Glycine max</i> Soybean	1	1540.0
<i>Glycyrrhiza glabra</i> Licorice-Root; Smooth Licorice; Common Licorice; Licorice	1	
<i>Haematoxylum campechianum</i> Campechy; Logwood	1	
<i>Hibiscus sabdariffa</i> Malventee (Ger.); Rosa de Jamaica (Sp.); Sereni (Sp.); Roselle; Indian Sorrel; Jamaica Sorrel; Sorrel; Red Sorrel; Kharkadi; Acedera de Guinea (Sp.); Rosella (Ger.)	1	
<i>Holarrhena pubescens</i> Kurchi; Tellicherry Bark; Zhi Xie Mu; Conessi	1	26000.0
<i>Ipomoea batatas</i> Sweet Potato	1	2000.0
<i>Juniperus communis</i> Common Juniper; Juniper	1	
<i>Kalanchoe pinnata</i> Siempre Viva; Air Plant	1	
<i>Kalanchoe daegrिमontiana</i> Devil's-Backbone	1	
<i>Lactuca virosa</i> Bitter Lettuce	1	20000.0
<i>Lactuca scariola</i> Prickly Lettuce	1	
<i>Lactuca sativa</i> Lettuce	1	272.0
<i>Ledum palustre</i> Marsh Tea; Wild Rosemary	1	
<i>Lens culinaris</i> Lentil	1	424.0
<i>Lupinus albus</i> White Lupine	1	
<i>Lycopersicon esculentum</i> Tomato	1	526.0
<i>Malus domestica</i> Apple	1	
<i>Mangifera indica</i> Mango	1	600.0
<i>Manihot esculenta</i> Yuca; Tapioca; Cassava	1	342.0
<i>Medicago sativa</i> Lucerne; Alfalfa	1	
<i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint	1	76.0
<i>Menyanthes trifoliata</i> Buckbean; Marsh Trefoil; Bogbean; Marsh Clover; Water Trefoil; Bog Myrtle	1	

Plant	# Chemicals	Total PPM
Momordica charantia Sorosi; Bitter Melon	1	10.0
Moringa oleifera Benzolive Tree; Drumstick Tree; Jacinto (Sp.); West Indian Ben; Ben Nut; Horseradish Tree; Moringa	1	
Morus alba Sang-Pai-Pi; White Mulberry	1	
Murraya sp None	1	10480.0
Murraya koenigii Curry Leaf; Indian Curry Tree; Curry Leaf Tree	1	
Musa x paradisiaca Banana; Plantain	1	10480.0
Nicotiana tabacum Tobacco	1	
Opuntia ficus-indica Nopal; Indian Fig; Prickly Pear; Nopalito	1	
Oryza sativa Rice	1	92.0
Papaver somniferum Poppyseed Poppy; Opium Poppy	1	32400.0
Parthenocissus quinquefolia Woodbine; Five-leaf-ivy; American-ivy; Virginia-creeper; Amerika-zuta (Jap.)	1	
Pastinaca sativa Parsnip	1	410.0
Phaseolus vulgaris Haricot; Green Bean; Kidney Bean; Navy Bean; Snap Bean; Black Bean; French Bean; Flageolet Bean; Haricot Vert; String Bean; Dwarf Bean; Field Bean; Popping Bean; Garden Bean; Haricot Bean; Pop Bean; Wax Bean	1	624.0
Phoenix dactylifera Date Palm	1	
Physalis ixocarpa Tomatillo	1	1072.0
Piper nigrum Pepper; White Pepper; Black Pepper	1	68000.0
Piper methysticum Kava-Kava	1	
Piper betel Betel Pepper	1	
Pisum sativum Pea	1	120.0
Plantago psyllium Psyllium	1	
Plectranthus amboinicus Cuban Oregano; Country Borage; Soup Mint; Indian Borage; French Thyme; Spanish Thyme; Amboini Coleus; Mexican Mint	1	
Polygonum hydropiperoides Mild Water Pepper	1	
Portulaca oleracea Purslane; Verdolaga	1	33580.0
Prunus persica Peach	1	20.0
Prunus dulcis Almond	1	8146.0
Psidium guajava Guava	1	280.0
Pulsatilla chinensis Chinese Anemone	1	
Punica granatum Romanzeiro (Port.); Pomegranate; Grenadier (Fr.); Granado (Sp.); Granatapfelbaum (Ger.); Granatapfelstrauch (Ger.); Zakuro (Jap.); Mangrano (Sp.)	1	280.0
Ranunculus bulbosus Bulbous Buttercup	1	
Raphanus sativus Radish	1	184.0
Rheum rhabarbarum Rhubarb	1	48720.0
Rheum officinale Chinese Rhubarb	1	
Ribes uva-crispa Gooseberry	1	
Ribes rubrum White Currant; Red Currant	1	
Ribes nigrum Black Currant	1	400.0
Rubus fruticosus Blackberry	1	
Rumex crispus Lengua De Vaca; Sour Dock; Yellow Dock; Curly Dock	1	
Rumex acetosella Sheep Sorrel	1	
Rumex acetosa Garden Sorrel	1	6000.0
Salvia officinalis Sage	1	

Plant	# Chemicals	Total PPM
<i>Sambucus nigra</i> European Elderberry; Black Elder; European Alder; European Elder; Elder	1	
<i>Sanguinaria canadensis</i> Bloodroot	1	
<i>Sechium edule</i> Chayote	1	680.0
<i>Sesamum indicum</i> Sesamo (Sp.); Sesame; Benneseed; Beni; Ajonjoli (Sp.)	1	
<i>Sinapis alba</i> White Mustard	1	
<i>Solanum tuberosum</i> Potato	1	300.0
<i>Solanum melongena</i> Aubergine; Eggplant	1	582.0
<i>Sophora pachycarpa</i> Siberian Pachycarpa	1	
<i>Spinacia oleracea</i> Spinach	1	100480.0
<i>Stellaria media</i> Chickweed; Common Chickweed	1	
<i>Swertia chirata</i> Chiretta; Chirata	1	
<i>Symphytum officinale</i> Comfrey	2	
<i>Syzygium cumini</i> Aceituna Dulce; Java Plum; Jambolan	1	
<i>Tamarindus indica</i> Kilytree; Tamarind; Indian Tamarind	1	3920.0
<i>Taraxacum officinale</i> Dandelion	1	
<i>Terminalia chebula</i> Ink Nut; Myrobalan; Chebulic Myrobalan; Black Myrobalan	1	
<i>Terminalia catappa</i> Malabar Almond; Indian Almond; Tropical Almond	1	
<i>Terminalia bellirica</i> Myrobalan Belleric; Belleric; Beleric Myrobalan; Bahera; Myrobalan	1	
<i>Terminalia arjuna</i> Arjuna; Arjun	1	
<i>Theobroma cacao</i> Cacao	1	10000.0
<i>Trichosanthes anguina</i> Snakegourd	1	680.0
<i>Trifolium pratense</i> Red Clover; Purple Clover; Peavine Clover; Cowgrass	1	
<i>Trigonella foenum-graecum</i> Greek Hay; Fenugreek; Bockshornklee (Ger.); Alholva (Sp.); Greek Clover	2	
<i>Triticum aestivum</i> Wheat	1	222.0
<i>Tropaeolum majus</i> Nasturtium	1	
<i>Tulipa gesneriana</i> Tulip	1	
<i>Urtica dioica</i> Stinging Nettle; European Nettle	1	
<i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry	1	
<i>Vaccinium macrocarpon</i> Cranberry; American Cranberry; Large Cranberry	1	
<i>Vanilla planifolia</i> Vanilla; Bourbon Vanilla	1	
<i>Viburnum prunifolium</i> Black Haw	1	
<i>Vicia faba</i> Faba Bean; Broadbean; Habas	1	140.0
<i>Vigna mungo</i> Black Gram	1	556.0
<i>Vitis vinifera</i> European Grape; Grapevine; Weinrebe (Ger.); Wine Grape; Vid (Sp.); Grape; Parra (Sp.); Vigne Vinifere (Fr.)	1	68.0
<i>Zea mays</i> Corn	1	198.0
<i>Zingiber officinale</i> Ginger	1	10000.0