

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for Sedative

Plants with Activity Synergy	Chemical Count	Total PPM
Abelmoschus moschatus	2	
Abelmoschus esculentus	4	3620.0
Abies spectabilis	4	
Abies sachalinensis	2	12960.0
Abies balsamea	3	17290.0
Abies alba	4	4116.0
Abrus precatorius	1	
Acacia nilotica	1	
Acacia farnesiana	15	1814.0
Achillea moschata	2	4536.0
Achillea millefolium	21	7427.0
Achyranthes bidentata	3	
Achyranthes aspera	1	
Acinos suaveolens	14	
Acinos alpinus	3	
Aconitum napellus	1	
Acorus calamus	12	34114.0
Actaea spicata	1	
Actaea rubra	1	
Actaea racemosa	1	
Actaea pachypoda	1	
Actaea dahurica	1	
Actaea cimicifuga	1	
Actinidia chinensis	1	60.0
Adonis vernalis	2	
Aegle marmelos	6	
Aeolanthus myriantha	4	

Plants with Activity Synergy	Chemical Count	Total PPM
Aesculus hippocastanum	3	
Aframomum melegueta	5	
Agastache urticifolia	4	8360.0
Agastache rugosa	5	
Agastache pallidiflora	2	
Agastache nepetoides	3	
Agastache foeniculum	4	
Agathosma betulina	3	5584.0
Ageratum conyzoides	7	
Agrimonia eupatoria	2	
Akebia quinata	1	
Albizia lebbek	4	
Aleurites fordii	1	
Allium schoenoprasum	3	8006.0
Allium sativum var. sativum	10	3442.0
Allium cepa	7	4036.0
Allium ampeloprasum	3	220.0
Alocasia macrorrhiza	1	32.0
Aloe vera	4	168.0
Aloe spp.	1	
Aloysia citrodora	18	16114.0
Alpinia officinarum	5	800.0
Alpinia galanga	11	24142.0
Althaea officinalis	3	62.0
Amaranthus spinosus	2	
Amaranthus sp.	2	7694.0
Ambrosia hispida	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Ammi visnaga	1	
Ammi majus	2	16000.0
Amomum xanthioides	3	
Amomum compactum	8	
Amorphophallus konjac	1	
Amorphophallus campanulatus	1	158.0
Anacardium occidentale	4	4958.0
Ananas comosus	7	314.0
Anastatica hierochuntica	1	
Andira inermis	1	
Anemone pulsatilla	2	
Anethum graveolens	18	9976.0
Angelica sinensis	8	
Angelica dahurica	2	
Angelica archangelica	17	12882.0
Anisochilus carnosus	1	
Anisodus tanguticus	2	
Anisomeles malabarica	1	
Anisomeles indica	1	
Annona squamosa	10	822.0
Annona reticulata	2	566.0
Annona muricata	5	1324.0
Annona montana	3	
Annona glabra	2	
Annona diversifolia	1	
Annona cherimola	3	8100.0
Apium graveolens	29	1508736.0

Plants with Activity Synergy	Chemical Count	Total PPM
Apocynum cannabinum	1	
Aquilaria agallocha	1	
Arachis hypogaea	6	7176.0
Aralia cordata	5	1309.0
Araucaria bidwillii	1	
Arctium lappa	9	5628.0
Arctostaphylos uva-ursi	3	24.0
Ardisia japonica	1	
Areca catechu	2	2013.6
Argemone mexicana	4	2500.0
Aristolochia serpentaria	1	
Armoracia rusticana	5	110.0
Arnica montana	3	
Arracacia xanthorrhiza	1	250.0
Artemisia vulgaris	9	470.0
Artemisia salsoloides	9	
Artemisia pallens	2	232.0
Artemisia herba-alba	8	638.0
Artemisia dracunculul	19	22380.0
Artemisia cina	1	48000.0
Artemisia capillaris	3	
Artemisia annua	18	20720.0
Artemisia abrotanum	2	
Artocarpus heterophyllus	1	30.0
Artocarpus altilis	2	60.0
Arundo donax	1	
Asarum canadense	5	

Plants with Activity Synergy	Chemical Count	Total PPM
Asiasarum sieboldii	2	
Asiasarum heterotropoides	2	
Asimina triloba	7	1075.754
Aspalathus linearis	1	
Asparagus officinalis	2	8474.0
Aspidosperma quebracho-blanco	1	
Astragalus membranaceus	4	
Atractylodes lancea	1	
Atropa bella-donna	2	17776.0
Avena sativa	7	10262.0
Averrhoa carambola	2	
Averrhoa bilimbi	1	
Bacopa monnieri	3	
Bactris gasipaes	1	
Ballota nigra	5	76.0
Barosma betulina	3	5500.0
Basella alba	2	8260.0
Benincasa hispida	2	1234.0
Berberis vulgaris	5	162.0
Bertholletia excelsa	2	5414.0
Beta vulgaris	4	2882.0
Bidens pilosa	1	
Bixa orellana	2	3398.0
Blighia sapida	1	344.0
Bocconia frutescens	1	
Bocconia arborea	1	
Boehmeria nivea	1	242.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Borago officinalis</i>	1	258.0
<i>Boronia megastigma</i>	1	
<i>Boswellia serrata</i>	5	
<i>Boswellia sacra</i>	3	
<i>Brassica rapa</i>	3	2298.0
<i>Brassica pekinensis</i>	1	22.0
<i>Brassica oleracea</i> var. <i>viridis</i> l.	2	6678.0
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	2	5280.0
<i>Brassica oleracea</i> var. <i>italica</i>	4	
<i>Brassica oleracea</i> var. <i>gemmifera</i>	4	5480.0
<i>Brassica oleracea</i> var. <i>capitata</i> l.	6	3442.0
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	4	13136.0
<i>Brassica oleracea</i>	3	2308.04
<i>Brassica nigra</i>	3	8047.74
<i>Brassica napus</i> var. <i>napobrassica</i>	2	2646.0
<i>Brassica juncea</i>	1	
<i>Brassica chinensis</i>	2	6626.0
<i>Bromelia pinguin</i>	1	114.0
<i>Brosimum alicastrum</i>	1	
<i>Brugmansia amesianum</i>	1	
<i>Bryonia alba</i>	2	
<i>Bupleurum chinense</i>	3	
<i>Bursera delpechiana</i>	6	142320.0
<i>Byrsonima crassifolia</i>	1	
<i>Cajanus cajan</i>	3	5044.0
<i>Calamintha nepeta</i>	12	
<i>Calathea macrosepala</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Calendula officinalis</i>	4	
<i>Callicarpa americana</i>	9	
<i>Calotropis sp.</i>	1	
<i>Camellia sinensis</i>	18	17044.0
<i>Cananga odorata</i>	9	
<i>Canarium indicum</i>	2	1000.0
<i>Canavalia ensiformis</i>	1	256.0
<i>Canna indica</i>	1	26.0
<i>Cannabis sativa</i>	6	48.0
<i>Capparis spinosa</i>	1	
<i>Capsella bursa-pastoris</i>	1	68.0
<i>Capsicum frutescens</i>	14	4624.0
<i>Capsicum annuum</i>	15	4274.0
<i>Carica pentagona</i>	1	
<i>Carica papaya</i>	8	1681.0
<i>Carthamus tinctorius</i>	5	167.0
<i>Carum carvi</i>	15	158372.0
<i>Carya illinoensis</i>	1	18.6
<i>Casimiroa edulis</i>	2	
<i>Castanea sativa</i>	2	970.0
<i>Castanea mollissima</i>	1	1748.0
<i>Castanea dentata</i>	1	1914.0
<i>Catalpa bignonioides</i>	1	
<i>Catha edulis</i>	1	296.0
<i>Catharanthus roseus</i>	5	
<i>Caulophyllum thalictroides</i>	3	25.0
<i>Cedrus libani</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Ceiba pentandra	1	
Centaurea cyanus	2	
Centaurea calcitrapa	1	
Centaurium erythraea	3	
Centella asiatica	11	10904.0
Ceratonia siliqua	1	
Chamaemelum nobile	9	
Chelidonium majus	3	
Chenopodium quinoa	1	
Chenopodium ambrosioides	6	54480.0
Chenopodium album	6	5064.0
Chimaphila umbellata	1	
Chondrus crispus	1	166.0
Chrysanthemum x morifolium	11	
Chrysanthemum parthenium	11	
Chrysanthemum coronarium	1	414.0
Chrysanthemum balsamita	5	
Chrysophyllum cainito	2	
Cicer arietinum	2	9976.0
Cichorium intybus	7	9122.0
Cichorium endivia	3	1738.0
Cimicifuga racemosa	1	63.0
Cimicifuga dahurica	1	
Cinchona spp	1	
Cinchona pubescens	1	
Cinnamomum verum	26	87384.0
Cinnamomum camphora	16	38129.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Cinnamomum aromaticum</i>	14	22450.0
<i>Cistus ladaniferus</i>	11	91140.0
<i>Citrullus lanatus</i>	8	1704.0
<i>Citrullus colocynthis</i>	11	
<i>Citrus spp</i>	1	
<i>Citrus sinensis</i>	19	27318.2
<i>Citrus reticulata</i>	20	21902.899999999994
<i>Citrus paradisi</i>	17	630.0
<i>Citrus mitis</i>	5	
<i>Citrus meyerii</i>	1	
<i>Citrus medica</i>	4	
<i>Citrus limon</i>	17	108.0
<i>Citrus aurantium</i>	19	31894.0
<i>Citrus aurantiifolia</i>	15	21208.0
<i>Cleistocalyx fullageri</i>	1	
<i>Clematis vitalba</i>	3	
<i>Cleonia lusitanica</i>	8	
<i>Cnicus benedictus</i>	11	6.2
<i>Cnidium officinale</i>	1	
<i>Cnidioscolus chayamansa</i>	1	170.0
<i>Coccinia grandis</i>	2	
<i>Cocos nucifera</i>	6	20.0
<i>Coffea arabica</i>	5	140.0
<i>Coix lacryma-jobi</i>	3	96.0
<i>Cola acuminata</i>	1	
<i>Colchicum autumnale</i>	1	
<i>Coleus barbatus</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Collinsonia canadensis</i>	3	
<i>Colocasia esculenta</i>	2	8550.0
<i>Commelina benghalensis</i>	1	
<i>Commiphora myrrha</i>	7	
<i>Conium maculatum</i>	1	
<i>Convallaria majalis</i>	1	
<i>Conyza canadensis</i>	5	
<i>Copaifera</i> spp	1	961200.0
<i>Coptis</i> spp	2	180000.0
<i>Coptis japonica</i>	1	140000.0
<i>Coptis chinensis</i>	1	180000.0
<i>Corchorus olitorius</i>	2	8204.0
<i>Coriandrum sativum</i>	22	34950.0
<i>Coridothymus capitatus</i>	8	
<i>Cornus officinalis</i>	1	
<i>Corydalis</i> spp	6	
<i>Corylus avellana</i>	2	108.0
<i>Corylus americana</i>	1	
<i>Crataegus rhipidophylla</i>	4	
<i>Crataegus monogyna</i>	4	
<i>Crataegus laevigata</i>	5	
<i>Crescentia alata</i>	1	18.0
<i>Crocus sativus</i>	9	
<i>Croton tiglium</i>	2	
<i>Croton lechleri</i>	5	
<i>Croton eluteria</i>	5	
<i>Cryptotaenia japonica</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Cucumis sativus	4	2176.0
Cucumis melo	5	136.0
Cucurbita spp	2	3650.0
Cucurbita pepo	7	13265.0
Cucurbita foetidissima	1	
Cuminum cyminum	15	63306.0
Cunila origanoides	6	30268.0
Curcuma zedoaria	2	3840.0
Curcuma xanthorrhiza	1	
Curcuma longa	13	10429.0
Cuscuta reflexa	1	
Cuscuta europaea	1	
Cyamopsis tetragonoloba	1	
Cyclanthera pedata	1	150.0
Cydonia oblonga	1	44.0
Cymbopogon winterianus	15	16374.0
Cymbopogon parkeri	9	34410.0
Cymbopogon nardus	13	18432.0
Cymbopogon martinii	6	9600.0
Cymbopogon flexuosus	8	27000.0
Cymbopogon citratus	16	58032.0
Cynara cardunculus	4	164.0
Cyperus rotundus	2	
Cyphomandra betacea	1	170.0
Cyrtosperma chamissonis	1	44.0
Daemonorops draco	1	
Daphne genkwa	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Datura stramonium	3	13180.0
Datura metel	3	33300.0
Datura innoxia	3	54130.0
Datura candida	2	13200.0
Daucus carota	24	59492.0
Dianthus caryophyllus	1	
Dictamnus hispanicus	1	
Dictamnus albus	4	
Digitalis purpurea	2	
Dioscorea villosa	2	
Dioscorea sp.	1	
Dioscorea pentaphylla	2	1248.0
Dioscorea alata	1	34.0
Diospyros virginiana	2	
Diospyros digyna	1	
Dipsacus fullonum	1	
Dipteryx odorata	2	70000.0
Dodonaea viscosa	2	
Dracocephalum thymiflora	7	1504.0
Dracocephalum parviflora	1	100.0
Drimys winteri	2	
Dryopteris marginalis	2	
Duboisia myoporoides	3	
Durio zibethinus	1	
Echinacea spp	9	169.0
Echinacea purpurea	4	
Echinacea pallida	3	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Echinacea angustifolia</i>	5	
<i>Elaeagnus umbellatus</i>	2	
<i>Elaeagnus pungens</i>	1	
<i>Elaeagnus commutata</i>	1	
<i>Elaeagnus angustifolia</i>	2	
<i>Elaeis guineensis</i>	1	
<i>Eleocharis dulcis</i>	1	
<i>Elettaria cardamomum</i>	17	237006.0
<i>Eleutherococcus senticosus</i>	3	
<i>Elsholtzia polystachya</i>	12	
<i>Elsholtzia pilosa</i>	6	
<i>Elsholtzia nipponica</i>	4	
<i>Elsholtzia eriostachya</i>	3	
<i>Elsholtzia densa</i>	2	
<i>Elsholtzia cristata</i>	3	
<i>Elsholtzia blanda</i>	11	
<i>Elytrigia repens</i>	4	
<i>Ephedra sinica</i>	10	180.0
<i>Equisetum hyemale</i>	1	
<i>Equisetum arvense</i>	3	931.0
<i>Eriobotrya japonica</i>	4	50.0
<i>Eriodictyon californicum</i>	1	
<i>Eruca sativa</i>	6	
<i>Eryngium foetidum</i>	2	
<i>Eryngium floridanum</i>	1	140.0
<i>Eryngium creticus</i>	1	
<i>Erythrina fusca</i>	1	130.0

Plants with Activity Synergy	Chemical Count	Total PPM
Erythrina berteroana	1	150.0
Erythroxyllum coca	2	122.0
Eschscholzia californica	7	
Eucalyptus viridis	10	
Eucalyptus tetraptera	7	
Eucalyptus tereticornis	10	
Eucalyptus stoatei	7	
Eucalyptus sparsa	10	
Eucalyptus sp	4	
Eucalyptus sideroxylon	10	
Eucalyptus siderophloia	11	
Eucalyptus saligna	10	
Eucalyptus punctata	10	
Eucalyptus porosa	10	
Eucalyptus populnea	11	
Eucalyptus polyanthemos	11	
Eucalyptus paniculata	6	
Eucalyptus oviformis	11	
Eucalyptus odorata	10	
Eucalyptus ochrophloia	10	
Eucalyptus occidentalis	11	
Eucalyptus nova-anglica	5	
Eucalyptus moluccana	11	
Eucalyptus melliodora	11	
Eucalyptus melanophloia	10	
Eucalyptus maideni	11	
Eucalyptus maculata	10	

Plants with Activity Synergy	Chemical Count	Total PPM
Eucalyptus leucoxydon	10	
Eucalyptus largisparsa	10	
Eucalyptus lansdowneana	10	
Eucalyptus intertexta	10	
Eucalyptus incrassata	7	
Eucalyptus globulus	16	63270.0
Eucalyptus forrestiana	7	
Eucalyptus fasciculosa	10	
Eucalyptus erythrandra	7	
Eucalyptus dolichorhyncha	7	
Eucalyptus diversicolor	11	
Eucalyptus desquamata	10	
Eucalyptus dealbata	11	
Eucalyptus cuprea	10	
Eucalyptus cladocalyx	11	
Eucalyptus citriodora	16	58720.0
Eucalyptus ceratocorys	7	
Eucalyptus camaldulensis	11	
Eucalyptus bridgesiana	8	
Eucalyptus brassiana	13	
Eucalyptus botryoides	11	
Eucalyptus bosistoana	11	
Eucalyptus blakelyi	10	
Eucalyptus behriana	10	
Eucalyptus astringens	11	
Eucalyptus angulosa	7	
Eucalyptus albens	11	

Plants with Activity Synergy	Chemical Count	Total PPM
Eugenia uniflora	2	
Eugenia floribunda	1	
Eugenia brasiliensis	1	
Euodia rutaecarpa	1	
Eupatorium triplinerve	4	
Eupatorium perfoliatum	1	
Euphorbia pulcherrima	1	
Euphorbia hirta	1	
Euphrasia officinalis	4	674.0
Fagopyrum esculentum	4	4402.0
Ferula sumbul	1	
Ferula jaeschkeana	1	988.0
Ferula gummosa	6	
Ferula assa-foetida	1	
Ferula alliacea	1	
Ficus carica	16	638.0
Filipendula ulmaria	2	
Foeniculum vulgare	16	48430.0
Forsythia suspensa	1	
Fragaria spp	9	1782.0
Frangula purshiana	1	58.0
Frangula alnus	1	
Fritillaria thunbergii	1	
Fucus vesiculosus	1	94.0
Galanthus nivalis	1	
Galeopsis tetrahit	1	80.0
Galium odoratum	1	26000.0

Plants with Activity Synergy	Chemical Count	Total PPM
Ganoderma lucidum	2	
Garcinia mangostana	1	
Gardenia jasminoides	3	
Gaultheria procumbens	1	
Genipa americana	1	30.0
Gentiana scabra	1	1000.0
Gentiana lutea	3	16122.0
Ginkgo biloba	8	3791.0
Glaucium flavum	4	
Glechoma hederacea	10	838.0
Glehnia littoralis	1	
Gliricidia sepium	1	216.0
Gloriosa superba	1	
Glycine max	6	280.0
Glycyrrhiza glabra	13	144.0
Gossypium sp	2	32.0
Gymnema sylvestre	1	
Harpagophytum procumbens	4	
Hedeoma reverchonii	4	7736.0
Hedeoma pulegioides	10	58320.0
Hedeoma hispida	6	1692.0
Hedeoma drummondii	7	45756.0
Hedera helix	1	
Hedychium flavum	3	
Heimia salicifolia	1	
Helianthus tuberosus	2	3750.0
Helianthus annuus	15	35504.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Helichrysum angustifolium</i>	4	2000.0
<i>Heliotropium indicus</i>	1	
<i>Heliotropium europaeum</i>	1	
<i>Heracleum laciniatum</i>	1	
<i>Hesperis matronalis</i>	5	
<i>Hibiscus sabdariffa</i>	9	347.0
<i>Hibiscus rosa-sinensis</i>	1	
<i>Hierochloe odorata</i>	1	
<i>Hippeastrum vittatum</i>	2	
<i>Holarrhena pubescens</i>	1	
<i>Hordeum vulgare</i>	6	6230.0
<i>Houttuynia cordata</i>	3	
<i>Humulus lupulus</i>	18	1024.0
<i>Hyacinthus orientalis</i>	6	1936.98
<i>Hydnocarpus wightiana</i>	1	
<i>Hydrangea arborescens</i>	1	
<i>Hydrastis canadensis</i>	5	260124.0
<i>Hylocereus undatus</i>	2	
<i>Hylocereus guatemalensis</i>	1	
<i>Hyoscyamus niger</i>	4	
<i>Hypericum perforatum</i>	15	
<i>Hyptis suaveolens</i>	7	10540.0
<i>Hyssopus officinalis</i>	19	7410.0
<i>Ilex paraguariensis</i>	1	
<i>Illicium verum</i>	11	29562.0
<i>Inga edulis</i>	1	
<i>Inonotus obliquus</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Inula helenium	2	
Ipomoea purga	2	80000.0
Ipomoea batatas	3	1788.0
Ipomoea aquatica	1	240.0
Iris x germanica	4	
Isanthus brachiatus	5	1472.0
Jasminum officinale	8	2186.0
Jatropha gossypifolia	1	
Jatropha curcas	1	
Juglans regia	7	122.0
Juglans nigra	8	14.0
Juglans cinerea	2	7572.0
Juniperus virginiana	5	
Juniperus sabina	3	
Juniperus communis	17	21924.0
Justicia pectoralis	2	330.0
Kaempferia galanga	1	
Kalanchoe spathulata	1	
Kalanchoe pinnata	1	
Kalanchoe daegrिमontiana	1	
Kalmia latifolia	1	
Lablab purpureus	2	14685.74
Lactuca virosa	2	4000.0
Lactuca scariola	3	
Lactuca sativa	7	3134.0
Lagenaria siceraria	2	1494.0
Lagochilus inebrians	2	120000.0

Plants with Activity Synergy	Chemical Count	Total PPM
Lantana camara	12	3200.0
Larrea tridentata	2	
Latua pubiflora	1	3100.0
Laurus nobilis	19	54851.0
Lavandula x intermedia	16	13418.0
Lavandula x hybrida	8	
Lavandula sp	2	
Lavandula latifolia	21	22286.0
Lavandula angustifolia	14	40200.0
Lawsonia inermis	1	
Lens culinaris	3	5792.0
Lentinus edodes	2	
Leonotis leonurus	4	
Leonurus cardiaca	5	462.0
Lepechinia schiediana	2	800.0
Lepechinia calycina	9	3720.0
Lepidium sativum	1	190.0
Lepidium meyenii	3	
Leptospermum polygalifolium	1	
Levisticum officinale	20	4076.0
Licania platypus	1	
Ligustrum lucidum	1	
Ligustrum japonicum	6	
Limonia acidissima	1	
Lindera benzoin	6	
Linum usitatissimum	4	29.9
Lippia graveolens	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Lippia alba	5	
Liquidambar styraciflua	4	
Liquidambar orientalis	2	
Litsea glaucescens	8	
Lobelia inflata	2	66.0
Lonicera japonica	5	
Luffa aegyptiaca	2	160.0
Lupinus mutabilis	1	114.0
Lupinus albus	2	6498.0
Lycium chinense	2	154.0
Lycium barbarum	1	
Lycopersicon esculentum	15	3484.0
Lycopodium clavatum	2	
Lycopus virginicus	6	1628.0
Lycopus uniflorus	3	428.0
Lycopus europeus	3	2650.0
Lycoris squamigera	2	
Lycoris radiata	2	
Macadamia spp	1	44.0
Macleaya cordata	2	
Maclura pomifera	2	
Magnolia officinalis	4	
Magnolia obovata	1	
Magnolia kobus	4	
Magnolia fargesii	3	
Magnolia denudata	8	
Mahonia siamensis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Mahonia repens	2	
Mahonia philipinensis	2	
Mahonia nervosa	1	
Mahonia japonica	2	
Mahonia gracilipes	2	
Mahonia fortunei	2	
Mahonia fargesii	2	
Mahonia bealei	1	
Mahonia aquifolium	5	
Malpighia glabra	1	94.0
Malus domestica	9	2802.0
Malva sylvestris	1	120.0
Malva parviflora	1	18.0
Mammea americana	1	
Mandragora officinarum	2	7200.0
Mangifera indica	8	1726.0
Manihot esculenta	2	2968.0
Manilkara zapota	1	
Maranta arundinacea	1	32.0
Marrubium vulgare	5	
Matricaria recutita	9	
Mauritia flexuosa	1	
Medicago sativa	8	194.0
Melaleuca viridiflora	6	
Melaleuca sp	1	
Melaleuca linariifolia	4	
Melaleuca leucadendra	5	

Plants with Activity Synergy	Chemical Count	Total PPM
Melaleuca cajuputi	4	
Melaleuca bracteata	3	
Melaleuca alternifolia	8	
Meleleuca howeana	1	
Melia azedarach	6	
Melicoccus bijugatas	2	
Melilotus officinalis	3	4000.0
Melissa officinalis	15	3178.0
Menispermum canadense	1	
Mentha x rotundifolia	10	32360.0
Mentha x piperita	16	29302.600000000002
Mentha spicata	25	107089.0
Mentha sp	2	
Mentha pulegium	15	70676.0
Mentha longifolia	16	172061.0
Mentha arvensis var. piperascens	10	202118.0
Mentha aquatica	13	5864.0
Menyanthes trifoliata	4	
Metrosideros sclerocarpa	1	
Micromeria varia	6	
Micromeria thymifolia	7	
Micromeria teneriffae	7	
Micromeria myrtifolia	11	
Micromeria juliana	10	
Micromeria fruticosa	12	
Micromeria dalmatica	3	
Micromeria croatica	10	

Plants with Activity Synergy	Chemical Count	Total PPM
Micromeria congesta	10	
Mimulus glabratus	1	184.0
Minthostachys mollis	4	
Mitchella repens	1	
Mitracarpus scaber	1	
Mitragyna speciosa	1	
Moldavica thymiflora	7	
Moldavica parviflora	1	
Momordica charantia	4	306.0
Monarda russeliana	8	11952.0
Monarda punctata	9	102582.0
Monarda media	8	11060.0
Monarda lindheimeri	6	4382.0
Monarda fistulosa	11	157112.0
Monarda didyma	12	19994.0
Monarda clinopodia	8	14344.0
Monarda citriodora	9	21026.0
Morinda citrifolia	4	642.0
Moringa oleifera	4	
Morus alba	6	108.0
Mucuna pruriens	1	68.0
Muntingia calabura	1	
Murraya sp	3	904.0
Murraya koenigii	11	
Musa x paradisiaca	5	1100.0
Myrciaria dubia	3	
Myrciaria cauliflora	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Myrica cerifera</i>	4	56.0
<i>Myristica fragrans</i>	17	97600.0
<i>Myroxylon balsamum</i>	10	8000.0
<i>Myrrhis odorata</i>	2	
<i>Myrtus communis</i>	18	8704.0
<i>Nandina domestica</i>	4	
<i>Narcissus tazetta</i>	6	1100.0
<i>Nardostachys jatamansi</i>	5	
<i>Nardostachys chinensis</i>	1	5000.0
<i>Nasturtium officinale</i>	2	12226.0
<i>Nelumbo nucifera</i>	3	5902.0
<i>Nepeta racemosa</i>	10	
<i>Nepeta cataria</i>	10	23350.0
<i>Nerium oleander</i>	2	
<i>Nicotiana tabacum</i>	7	
<i>Nigella sativa</i>	4	19200.0
<i>Ocimum tenuiflorum</i>	10	
<i>Ocimum suave</i>	5	
<i>Ocimum sp</i>	1	
<i>Ocimum sanctum</i>	1	
<i>Ocimum kilimandscharicum</i>	6	
<i>Ocimum gratissimum</i>	14	
<i>Ocimum canum</i>	8	
<i>Ocimum basilicum</i>	27	111024.2
<i>Oenanthe javanica</i>	3	
<i>Oenanthe crocata</i>	1	
<i>Oenanthe aquatica</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Oenothera biennis	3	32000.0
Olea europaea	3	
Ononis spinosa	3	
Ophiopogon japonicus	1	
Opuntia ficus-indica	3	3393.2
Origanum vulgare	23	35070.0
Origanum syriacum	11	
Origanum sipyleum	11	
Origanum onites	15	1532.0
Origanum minutiflorum	10	
Origanum majorana	16	20943.0
Oryza sativa	3	130.0
Oxalis tuberosa	1	50.0
Pachira macrocarpa	1	80.0
Pachyrhizus erosus	1	56.0
Paeonia officinalis	1	
Paeonia lactiflora	1	
Panax quinquefolius	8	1134.0
Panax japonicus	1	
Panax ginseng	14	160.0
Pancratium maritimum	2	
Papaver somniferum	11	652372.0
Papaver bracteatum	4	
Parthenium integrifolium	1	
Passiflora quadrangularis	1	1536.0
Passiflora mollissima	1	
Passiflora ligularis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Passiflora incarnata	4	
Passiflora foetida	1	
Passiflora edulis	1	
Pastinaca sativa	5	3536.0
Pausinystalia johimbe	1	
Pavonia odorata	1	
Pelargonium roseum	6	
Pelargonium graveolens	2	5152.0
Pelargonium citrosum	10	
Peperomia pereskifolia	1	
Peperomia pelucida	2	
Pereskia aculeata	1	
Perideridia gairdneri	1	1524.0
Perilla frutescens	11	1848.0
Persea schiedeana	1	
Persea americana	4	1834.0
Petasites japonicus	2	72.0
Petasites hybridus	2	
Petiveria alliacea	2	
Petroselinum crispum	18	111242.86
Peucedanum ostruthium	5	13440.0
Peumus boldus	19	126807.0
Pfaffia paniculata	1	
Phaseolus vulgaris	6	20172.0
Phaseolus lunatus	2	6259.0
Phaseolus coccineus	1	98.0
Phaseolus acutifolius	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Phellodendron amurense	2	20000.0
Phoenix dactylifera	7	8300.0
Phoradendron juniperinum	1	
Phyllanthus niruri	1	
Phyllanthus emblica	2	286.0
Phyllanthus acidus	1	116.0
Physalis peruviana	1	162.0
Physalis ixocarpa	1	506.0
Physalis alkekingi	1	
Physostigma venenosum	1	
Phytolacca americana	3	286.0
Picea glauca	2	
Pilocarpus microphyllus	3	1100.0
Pilocarpus jaborandi	2	4950.0
Pimenta racemosa	14	92840.0
Pimenta dioica	14	94580.6
Pimpinella anisum	11	1532.0
Pinus walliciana	4	
Pinus sylvestris	13	5350.0
Pinus roxburghii	1	
Pinus pinea	2	
Pinus palustris	3	321500.0
Pinus mugo	3	
Pinus kesiya	1	
Pinus insularis	1	
Pinus gerardiana	1	
Pinus elliottii	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Pinus edulis	2	
Pinus cembroides	1	
Piper nigrum	21	29.041
Piper methysticum	6	
Piper cubeba	8	22000.0
Piper betel	6	47896.0
Piper auritum	9	200.0
Pistacia vera	3	5918.0
Pistacia lentiscus	3	
Pisum sativum	5	9476.0
Plantago psyllium	2	
Plantago ovata	1	
Plantago major	5	
Platonia insignis	1	
Platycodon grandiflorum	2	40206.0
Plectranthus incanus	1	
Plectranthus coleoides	4	
Plectranthus amboinicus	2	
Plumeria acutifolia	3	
Podophyllum peltatum	1	
Podophyllum hexandrum	1	
Pogostemon cablin	7	
Polianthes tuberosa	7	
Polymnia edulis	1	164.0
Polypodium vulgare	1	
Populus tacamahacca	1	
Populus nigra	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Populus balsamifera</i>	1	
<i>Porophyllum ruderale</i>	3	
<i>Portulaca oleracea</i>	3	6958.0
<i>Pourouma cecropiaefolia</i>	1	
<i>Pouteria viridis</i>	1	
<i>Pouteria campechiana</i>	2	
<i>Pouteria caimito</i>	1	
<i>Prosopis juliflora</i>	1	
<i>Prosopis glandulosa</i>	2	
<i>Prunella vulgaris</i>	5	
<i>Prunus spinosa</i>	1	
<i>Prunus serotina</i>	2	
<i>Prunus salicifolia</i>	1	
<i>Prunus persica</i>	6	488.0
<i>Prunus laurocerasus</i>	3	912.0
<i>Prunus dulcis</i>	7	24016.0
<i>Prunus domestica</i>	2	68.0
<i>Prunus cerasus</i>	10	70.0
<i>Prunus avium</i>	1	
<i>Prunus armeniaca</i>	7	2356.0
<i>Prunus africana</i>	1	
<i>Psidium guajava</i>	6	1180.0
<i>Psidium cattleianum</i>	2	596.0
<i>Psophocarpus tetragonolobus</i>	2	38616.0
<i>Psoralea esculenta</i>	1	1266.0
<i>Psoralea corylifolia</i>	6	
<i>Pteridium aquilinum</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Pterocarpus santalinus</i>	2	
<i>Pterocarpus marsupium</i>	1	
<i>Ptychopetalum olacoides</i>	3	
<i>Pueraria montana</i>	2	
<i>Pulsatilla chinensis</i>	2	
<i>Punica granatum</i>	5	100.0
<i>Pycnanthemum virginianum</i>	11	102660.0
<i>Pycnanthemum verticillatum</i>	7	39900.0
<i>Pycnanthemum torreyi</i>	7	18360.0
<i>Pycnanthemum tenuifolium</i>	11	66080.0
<i>Pycnanthemum setosum</i>	9	77500.0
<i>Pycnanthemum pycnanthemoides</i>	12	135140.0
<i>Pycnanthemum pilosum</i>	7	181020.0
<i>Pycnanthemum nudum</i>	1	46696.0
<i>Pycnanthemum muticum</i>	8	108700.0
<i>Pycnanthemum montanum</i>	7	5936.0
<i>Pycnanthemum loomisii</i>	9	68124.0
<i>Pycnanthemum incanum</i>	9	43928.0
<i>Pycnanthemum flexuosum</i>	1	1224.0
<i>Pycnanthemum curvipes</i>	3	4898.0
<i>Pycnanthemum clinopodioides</i>	10	61424.0
<i>Pycnanthemum californicum</i>	8	59688.0
<i>Pycnanthemum beadleii</i>	8	9422.0
<i>Pycnanthemum albescens</i>	7	74142.0
<i>Pyrus communis</i>	2	39412.0
<i>Quararibea cordata</i>	1	
<i>Quercus alba</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Quisqualis indica	2	
Ranunculus bulbosus	2	
Raphanus sativus	3	2682.0
Rauvolfia vomitoria	3	
Rauvolfia tetraphylla	3	
Rauvolfia serpentina	5	4150.0
Ravensara aromatica	10	
Rehmannia glutinosa	1	62000.0
Rheum rhabarbarum	2	196.0
Rheum palmatum	7	
Rheum officinale	1	
Rhizophora mangle	1	
Rhododendron ponticum	1	
Rhododendron dauricum	1	
Rhodymenia palmata	1	
Ribes uva-crispa	1	50.0
Ribes rubrum	1	12.0
Ribes nigrum	13	140.0
Ricinus communis	3	26.0
Rivea corymbosa	1	
Robinia pseudoacacia	5	
Rollinia mucosa	1	
Rosa woodsii	1	
Rosa gallica	6	630.0
Rosa canina	2	136.0
Rosmarinus x mendizabalii	7	
Rosmarinus x lavandulaceus	7	

Plants with Activity Synergy	Chemical Count	Total PPM
Rosmarinus tomentosus	7	
Rosmarinus officinalis	24	79138.0
Rosmarinus eriocalyx	7	
Rubus idaeus	6	764.0
Rubus fruticosus	1	
Ruellia tuberosa	1	
Rumex crispus	1	216.0
Rumex acetosella	1	
Rumex acetosa	1	100.0
Ruscus aculeatus	2	162.4
Ruta graveolens	4	
Salix sp.	1	
Salix alba	3	220198.0
Salvia triloba	5	54080.0
Salvia sp.	1	
Salvia sclarea	14	15904.0
Salvia officinalis	20	60041.0
Salvia gilliesii	5	
Salvia dorisiana	9	
Salvia canariensis	7	
Sambucus simpsonii	1	
Sambucus nigra	6	14.0
Sambucus canadensis	5	1168.0
Sanguinaria canadensis	2	
Sanguisorba minor	1	
Santalum album	6	
Santolina chamaecyparissus	3	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Sarracenia purpurea</i>	1	
<i>Sassafras albidum</i>	10	4000.0
<i>Satureja vulgaris</i>	1	212.0
<i>Satureja thymbra</i>	8	
<i>Satureja subspicata</i>	12	
<i>Satureja parvifolia</i>	11	
<i>Satureja odora</i>	10	
<i>Satureja obovata</i>	11	
<i>Satureja montana</i>	21	38732.0
<i>Satureja hortensis</i>	16	1290.0
<i>Satureja grandiflora</i>	4	
<i>Satureja glabella</i>	4	3840.0
<i>Satureja douglasii</i>	11	29250.0
<i>Satureja cuneifolia</i>	9	
<i>Satureja cilicica</i>	8	
<i>Saussurea lappa</i>	1	
<i>Schinus molle</i>	3	
<i>Schisandra chinensis</i>	1	
<i>Schoenocaulon officinale</i>	1	
<i>Sclerocarya caffra</i>	1	62.0
<i>Scopolia carniolica</i>	3	
<i>Scutellaria sp</i>	1	
<i>Scutellaria parvula</i>	3	168.0
<i>Scutellaria lateriflora</i>	4	70.0
<i>Scutellaria galericulata</i>	5	20502.0
<i>Scutellaria churchilliana</i>	1	136.0
<i>Scutellaria baicalensis</i>	3	249000.0

Plants with Activity Synergy	Chemical Count	Total PPM
Secale cereale	2	
Sechium edule	3	3790.0
Senna obtusifolia	2	4360.0
Senna alexandrina	1	
Serenoa repens	4	
Sesamum indicum	4	10052.0
Sicana odorifera	1	
Sida rhombifolia	1	210.0
Sideritis scardica	6	
Sideritis pauli	6	
Sideritis mugronensis	8	
Sideritis germanicolpitana	6	
Sideritis athoa	8	
Siegesbeckia orientalis	1	
Silybum marianum	3	
Sinapis alba	2	11424.0
Sinomenium acutum	2	
Skimmia japonica	1	
Skimmia arborescens	7	
Smilax spp	2	
Smilax regelii	1	
Smilax officinalis	1	
Solanum tuberosum	8	41528.0
Solanum torvum	2	356.0
Solanum sessiliflorum	1	
Solanum quitoensis	1	
Solanum nigrum	1	80.0

Plants with Activity Synergy	Chemical Count	Total PPM
Solanum melongena	5	2674.0
Solanum dulcamara	1	
Solidago virgaurea	1	
Solidago gigantea	1	
Sonchus oleraceus	1	236.0
Sophora japonica	1	
Sophora angustifolia	1	
Sorbus aucubaria	1	
Spartium junceum	1	
Spinacia oleracea	3	9443.6
Spirulina spp.	1	
Spirulina pratensis	1	320.0
Spondias purpurea	1	84.0
Spondias pinnata	1	62.0
Spondias mombin	1	234.0
Spondias dulcis	1	210.0
Stachys officinalis	3	10000.0
Stachys germanica	5	304.0
Stachytarpheta cayennensis	2	
Stellaria media	4	94.0
Stephania glabra	3	
Stevia rebaudiana	15	
Strychnos nux-vomica	1	
Styrax benzoin	1	
Swertia chirata	1	
Symphytum officinale	4	134.0
Syringa vulgaris	5	

Plants with Activity Synergy	Chemical Count	Total PPM
Syzygium malaccense	1	
Syzygium jambos	1	
Syzygium cumini	1	
Syzygium claviflorum	1	
Syzygium aromaticum	12	518402.0
Tabebuia heptaphylla	1	11.4
Tagetes patula	2	524.0
Tagetes minuta	8	500.0
Tagetes lucida	4	
Tagetes filifolia	1	
Tagetes erecta	3	208.0
Tamarindus indica	6	842.0
Tanacetum vulgare	7	2600.0
Tanacetum parthenium	11	
Taraxacum officinale	3	66.1
Taxus baccata	1	
Tecoma stans	3	160.0
Telosma cordata	6	
Terminalia pallida	1	
Terminalia catappa	2	14.0
Terminalia arjuna	1	
Ternstroemia gymnanthera	1	
Tetraclinis articulata	1	
Tetragonia tetragonioides	1	170.0
Teucrium scorodonia	10	
Teucrium scordium	1	
Teucrium salviastrum	9	

Plants with Activity Synergy	Chemical Count	Total PPM
Teucrium pseudoscorodonia	9	
Teucrium polium	12	
Teucrium oxylepis	9	
Teucrium micropodioides	9	
Teucrium kotschyanum	9	
Teucrium gnaphalodes	7	
Teucrium divaricatum	9	
Teucrium cyprum	9	
Teucrium chamaedrys	3	110.0
Teucrium asiaticum	9	
Teucrium arduini	3	
Theobroma speciosum	1	
Theobroma cacao	8	68.0
Theobroma bicolor	1	
Thuja occidentalis	5	
Thymus zygis	11	
Thymus x citriodorus	15	
Thymus vulgaris	22	208625.0
Thymus serpyllum	16	35328.0
Thymus saturejoides	8	
Thymus riatarum	8	
Thymus orospedanus	7	15546.0
Thymus mastichina	13	20100.0
Thymus longicaulis	11	
Thymus funkii	17	
Thymus cilicicus	8	
Thymus capitatus	16	4880.0

Plants with Activity Synergy	Chemical Count	Total PPM
Thymus broussonettii	8	
Tilia sp.	9	
Trachyspermum ammi	5	76944.0
Tragopogon porrifolius	1	44.0
Tribulus terrestris	1	
Trichosanthes kirilowii	1	
Trichosanthes anguina	1	112.0
Trichostemma dichotomum	3	
Trifolium pratense	13	250.0
Trigonella foenum-graecum	7	8636.0
Trilisa odoratissima	1	
Triticum aestivum	7	6388.0
Tropaeolum tuberosum	1	100.0
Tropaeolum majus	1	150.0
Turnera diffusa	5	2404.0
Tussilago farfara	1	
Ullucus tuberosus	1	78.0
Ulmus rubra	1	400.0
Umbellularia californica	11	28320.0
Uncaria tomentosa	4	
Uncaria guianensis	2	
Urginea maritima	1	
Urtica dioica	8	104.0
Vaccinium vitis-idaea	1	
Vaccinium myrtillus	15	130.0
Vaccinium macrocarpon	6	88.3
Vaccinium corymbosum	20	438.62

Plants with Activity Synergy	Chemical Count	Total PPM
Valeriana officinalis	25	43704.0
Valeriana jatamansi	2	
Valerianella locusta	1	7220.0
Vanilla planifolia	6	
Verbascum thapsus	5	190.0
Verbena officinalis	3	20000.0
Vernonia cinerea	1	
Vetiveria zizanioides	6	
Viburnum prunifolium	4	
Viburnum opulus	2	
Vicia faba	4	6010.0
Vigna unguiculata	3	12706.0
Vigna subterranea	1	40.0
Vigna radiata	3	14174.0
Vigna mungo	1	52.0
Vigna angularis	3	4486.0
Vigna aconitifolia	2	3318.0
Vinca minor	3	6680.0
Viola odorata	3	714.0
Viscum album	3	
Vitellaria paradoxa	2	
Vitex agnus-castus	9	
Vitis vinifera	14	338.8
Withania somnifera	4	
Xanthorhiza simplicissima	3	
Xanthosoma sagittifolium	1	40.0
Xylopiya aethiopica	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Yucca baccata	1	
Zanthoxylum clava-herculis	1	
Zanthoxylum americanum	3	
Zanthoxylum alatum	6	
Zea mays	18	2139.4
Zingiber officinale	28	97937.0
Zizyphus spina-christi	1	82.0
Zizyphus jujuba	4	6106.0