

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Plants for Anticonvulsant**

<b>Plants with Activity Synergy</b>	<b>Chemical Count</b>	<b>Total PPM</b>
Abelmoschus manihot	1	9724.0
Abelmoschus esculentus	3	12820.0
Abies alba	2	70.0
Acacia senegal	1	
Acacia nilotica	1	
Acacia farnesiana	5	914.0
Acacia decurrens	1	
Acacia catechu	2	
Acanthopanax gracilistylis	1	5680.0
Achillea millefolium	6	3880.0
Achyranthes bidentata	2	11460.0
Acinos suaveolens	2	
Aconitum carmichaelii	1	980.0
Acorus calamus	7	4634.0
Actaea racemosa	2	
Actaea dahurica	2	
Actinidia chinensis	3	3600.0
Adiantum capillus-veneris	2	
Adonis vernalis	1	
Aegle marmelos	2	
Aesculus hippocastanum	1	
Aframomum melegueta	1	
Agastache urticifolia	1	532.0
Agastache rugosa	2	
Agastache nepetoides	1	
Agastache foeniculum	1	
Agathosma betulina	4	4504.0

Plants with Activity Synergy	Chemical Count	Total PPM
Ageratum conyzoides	1	
Agrimonia eupatoria	1	
Akebia quinata	1	1680.0
Albizia lebbbeck	1	
Albizia julibrissin	1	2180.0
Alisma plantago-aquatica	2	3480.0
Allium schoenoprasum	2	13926.0
Allium sativum var. sativum	5	2654.0
Allium cepa	5	2850.0
Allium ampeloprasum	2	220.0
Alocasia macrorrhiza	2	3532.0
Aloe vera	2	1988.0
Aloe spp.	2	
Aloysia citrodora	3	14.0
Alpinia officinarum	2	800.0
Alpinia galanga	4	24142.0
Althaea officinalis	2	10422.0
Amaranthus spinosus	2	
Amaranthus sp.	3	13468.0
Ammi visnaga	3	
Ammi majus	3	22200.0
Amomum xanthioides	1	7080.0
Amorphophallus konjac	2	
Amorphophallus campanulatus	2	6398.0
Amphicarpaea bracteata	1	
Anacardium occidentale	3	4672.0
Anamirta cocculus	1	100000.0

Plants with Activity Synergy	Chemical Count	Total PPM
Ananas comosus	7	2598.0
Anastatica hierochuntica	1	
Andira inermis	1	
Anemarrhena asphodeloides	1	2400.0
Anethum graveolens	11	20988.0
Angelica sinensis	8	5300.0
Angelica laxiflora	1	3900.0
Angelica dahurica	2	7.34
Angelica archangelica	7	12620.0
Anisodus tanguticus	1	
Annona squamosa	3	1642.0
Annona reticulata	2	1336.0
Annona muricata	3	4954.0
Annona glabra	1	
Annona diversifolia	1	
Annona cherimola	2	4190.0
Anogeissus latifolia	1	
Anthriscus cerefolium	1	2800.0
Apium graveolens	12	61925.16
Arachis hypogaea	6	22542.0
Aralia cordata	2	384.0
Araucaria bidwillii	1	
Arctium lappa	4	10768.0
Arctostaphylos uva-ursi	2	2444.0
Areca catechu	2	1013.6
Argemone mexicana	1	820.0
Arisaema consanguineum	1	200.0

Plants with Activity Synergy	Chemical Count	Total PPM
Aristolochia debilis	1	3760.0
Armoracia rusticana	2	10820.0
Arracacia xanthorrhiza	1	250.0
Artemisia vulgaris	5	5870.0
Artemisia salsoloides	1	
Artemisia herba-alba	1	4120.0
Artemisia dracunculus	8	16040.0
Artemisia capillaris	2	2000.0
Artemisia annua	3	
Artemisia absinthium	1	
Artemisia abrotanum	1	
Artocarpus heterophyllus	2	2790.0
Artocarpus altilis	2	2010.0
Arundo donax	1	
Asarum canadense	1	
Asclepias syriaca	1	
Asiasarum sieboldii	3	5200.0
Asiasarum heterotropoides	3	5200.0
Asimina triloba	1	10256.0
Aspalathus linearis	3	
Asparagus officinalis	4	15244.0
Asparagus lucidus	1	860.0
Astragalus membranaceus	3	6860.0
Atractylodes ovata	1	1920.0
Atractylodes lancea	1	1580.0
Atropa bella-donna	1	176.0
Avena sativa	5	32882.2

Plants with Activity Synergy	Chemical Count	Total PPM
Averrhoa carambola	2	
Averrhoa bilimbi	1	
Azadirachta indica	2	22200.0
Bactris gasipaes	1	
Balanites aegyptiacus	1	
Ballota nigra	1	
Barosma betulina	3	4420.0
Basella alba	1	140.0
Belamcanda chinensis	1	1940.0
Benincasa hispida	2	9944.0
Berberis vulgaris	5	3022.0
Bertholletia excelsa	3	6774.0
Beta vulgaris	4	9485.2
Bixa orellana	1	38.0
Blechnum orientale	1	5160.0
Bletilla striata	1	3780.0
Blighia sapida	1	344.0
Boehmeria nivea	1	242.0
Borago officinalis	2	15130.0
Boronia megastigma	1	
Brassica rapa	3	4476.0
Brassica pekinensis	2	6412.0
Brassica oleracea var. viridis l.	2	5694.0
Brassica oleracea var. sabellica l.	3	6112.0
Brassica oleracea var. italica	4	
Brassica oleracea var. gemmifera	4	3578.0
Brassica oleracea var. capitata l.	3	4713.0

Plants with Activity Synergy	Chemical Count	Total PPM
Brassica oleracea var. botrytis l.	4	11700.0
Brassica oleracea	2	4308.0
Brassica nigra	2	5037.74
Brassica napus var. napobrassica	2	5356.0
Brassica juncea	1	7674.0
Brassica chinensis	3	12014.0
Bromelia pinguin	1	114.0
Brosimum alicastrum	1	
Broussonetia papyrifera	1	8060.0
Brugmansia amesianum	1	
Bupleurum chinense	2	8390.0
Bursera delpechiana	1	720.0
Byrsonima crassifolia	1	
Caesalpinia pulcherrima	1	
Cajanus cajan	1	304.0
Calamintha nepeta	2	
Calathea macrosepala	1	
Calendula officinalis	2	
Callicarpa americana	1	
Camellia sinensis	7	7332.0
Cananga odorata	2	
Canavalia ensiformis	2	4636.0
Canna indica	1	26.0
Cannabis sativa	3	48.0
Capparis spinosa	1	
Capsella bursa-pastoris	2	68.0
Capsicum frutescens	5	4770.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Capsicum annuum</i>	9	5548.0
<i>Carica pentagona</i>	1	
<i>Carica papaya</i>	5	2122.0
<i>Carthamus tinctorius</i>	3	5028.6
<i>Carum carvi</i>	4	9258.0
<i>Carya ovata</i>	1	45000.0
<i>Carya illinoensis</i>	2	1978.6
<i>Carya glabra</i>	1	48400.0
<i>Casimiroa edulis</i>	3	
<i>Cassia tora</i>	1	6360.0
<i>Castanea sativa</i>	1	1408.0
<i>Castanea mollissima</i>	1	3062.0
<i>Castanea dentata</i>	1	2812.0
<i>Catalpa ovata</i>	1	3920.0
<i>Catha edulis</i>	1	296.0
<i>Catharanthus roseus</i>	1	
<i>Caulophyllum thalictroides</i>	3	2625.0
<i>Celosia cristata</i>	1	12160.0
<i>Centaurea calcitrapa</i>	1	
<i>Centella asiatica</i>	4	6624.0
<i>Ceratonia siliqua</i>	1	
<i>Chaenomeles lagenaria</i>	1	1980.0
<i>Chamaemelum nobile</i>	4	5840.0
<i>Chamissoa altissima</i>	1	
<i>Chelidonium majus</i>	1	
<i>Chenopodium ambrosioides</i>	3	80.0
<i>Chenopodium album</i>	3	6062.0

Plants with Activity Synergy	Chemical Count	Total PPM
Chondrodendron tomentosum	1	
Chondrus crispus	2	39366.0
Chrysanthemum x morifolium	2	
Chrysanthemum parthenium	2	4800.0
Chrysanthemum coronarium	2	4984.0
Chrysophyllum cainito	1	
Cicer arietinum	2	2732.0
Cichorium intybus	3	7748.0
Cichorium endivia	2	4928.0
Cimicifuga racemosa	2	3543.0
Cimicifuga dahurica	2	2900.0
Cinnamomum verum	6	20376.0
Cinnamomum camphora	4	192.0
Cinnamomum aromaticum	5	3360.0
Cistanche salsa	1	1620.0
Cistus ladaniferus	2	2520.0
Citrullus lanatus	3	3054.0
Citrullus colocynthis	1	
Citrus sinensis	9	82280.0
Citrus reticulata	7	4264.0
Citrus paradisi	5	5186.0
Citrus mitis	1	
Citrus meyerii	1	
Citrus medica	1	1900.0
Citrus limon	7	42.0
Citrus aurantium	5	4608.0
Citrus aurantiifolia	5	2118.0



Plants with Activity Synergy	Chemical Count	Total PPM
Cleonia lusitanica	1	
Cnicus benedictus	3	3546.2
Cnidium officinale	1	1700.0
Cnidioscolus chayamansa	1	170.0
Coccinia grandis	1	
Cocos nucifera	5	1596.0
Coffea arabica	3	140.0
Coix lacryma-jobi	2	3076.0
Colocasia esculenta	2	9270.0
Commiphora wightii	1	
Commiphora myrrha	1	
Convallaria majalis	1	
Coptis spp	3	184840.0
Coptis japonica	2	144840.0
Coptis chinensis	2	184840.0
Corchorus olitorius	2	10604.0
Coriandrum sativum	8	23664.0
Coridothymus capitatus	1	
Cornus officinalis	1	1660.0
Cornus mas	1	
Corydalis spp	1	
Corylus avellana	3	6420.0
Crataegus rhipidophylla	3	
Crataegus pentagyna	1	
Crataegus monogyna	1	
Crataegus laevigata	3	1880.0
Crataegus cuneata	1	1520.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Crescentia alata</i>	1	18.0
<i>Crocus sativus</i>	1	
<i>Croton lechleri</i>	2	
<i>Croton eluteria</i>	2	
<i>Cucumis sativus</i>	3	14228.0
<i>Cucumis melo</i>	4	6764.0
<i>Cucurbita</i> spp	2	7450.0
<i>Cucurbita pepo</i>	5	27649.0
<i>Cucurbita maxima</i>	1	5504.0
<i>Cuminum cyminum</i>	4	338.0
<i>Cunila origanoides</i>	1	1344.0
<i>Curcuma longa</i>	5	124.0
<i>Cyclanthera pedata</i>	1	150.0
<i>Cydonia oblonga</i>	1	44.0
<i>Cymbopogon winterianus</i>	3	586.0
<i>Cymbopogon nardus</i>	2	480.0
<i>Cymbopogon flexuosus</i>	2	2000.0
<i>Cymbopogon citratus</i>	4	11020.0
<i>Cynanchum atratum</i>	1	4420.0
<i>Cynara cardunculus</i>	3	8714.0
<i>Cyperus rotundus</i>	1	3000.0
<i>Cyphomandra betacea</i>	1	170.0
<i>Cypripedium pubescens</i>	1	2180.0
<i>Cyrtosperma chamissonis</i>	2	2474.0
<i>Datura stramonium</i>	2	6100.0
<i>Datura metel</i>	1	13090.0
<i>Datura innoxia</i>	1	17450.0

Plants with Activity Synergy	Chemical Count	Total PPM
Datura candida	1	6600.0
Daucus carota	9	20908.6
Dendrobium nobile	1	1040.0
Dianthus caryophyllus	1	
Dictamnus albus	4	
Dioscorea villosa	2	
Dioscorea sp.	2	3260.0
Dioscorea pentaphylla	2	1642.0
Dioscorea bulbifera	1	740.0
Dioscorea alata	2	1688.0
Diospyros virginiana	1	20800.0
Diospyros digyna	1	
Dodonaea viscosa	1	
Dracocephalum thymiflora	1	40.0
Dracocephalum parviflora	1	320.0
Drimys winteri	1	
Drynaria fortunei	1	8280.0
Dryopteris marginalis	2	
Duboisia myoporoides	1	
Durio zibethinus	1	
Echinacea spp	4	3805.0
Echinacea purpurea	3	
Elaeagnus umbellatus	3	
Elaeagnus commutata	1	
Elaeagnus angustifolia	1	
Elaeis guineensis	2	
Eleocharis dulcis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Elettaria cardamomum</i>	4	6024.0
<i>Eleutherococcus senticosus</i>	3	
<i>Elsholtzia polystachya</i>	1	
<i>Elsholtzia pilosa</i>	1	
<i>Elsholtzia eriostachya</i>	1	
<i>Elsholtzia cristata</i>	1	
<i>Elsholtzia blanda</i>	2	
<i>Elytrigia repens</i>	1	15140.0
<i>Ephedra spp</i>	1	9560.0
<i>Ephedra sinica</i>	6	4400.0
<i>Equisetum hyemale</i>	1	2020.0
<i>Equisetum arvense</i>	3	9671.0
<i>Eriobotrya japonica</i>	3	5010.0
<i>Eriocaulon sp</i>	1	1340.0
<i>Eriodictyon californicum</i>	3	
<i>Eruca sativa</i>	1	
<i>Eryngium floridanum</i>	1	140.0
<i>Erythrina fusca</i>	5	130.0
<i>Erythrina crista-galli</i>	4	
<i>Erythrina berteroana</i>	5	150.0
<i>Erythroxylum novogranatense</i>	2	37200.0
<i>Erythroxylum coca</i>	3	21522.0
<i>Eschscholzia californica</i>	2	55000.0
<i>Eucalyptus viridis</i>	1	
<i>Eucalyptus tetraptera</i>	1	
<i>Eucalyptus tereticornis</i>	2	
<i>Eucalyptus stoatei</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Eucalyptus sparsa	1	
Eucalyptus sideroxylon	2	
Eucalyptus siderophloia	2	
Eucalyptus saligna	1	
Eucalyptus punctata	2	
Eucalyptus porosa	1	
Eucalyptus populnea	2	
Eucalyptus polyanthemos	2	
Eucalyptus paniculata	1	
Eucalyptus oviformis	2	
Eucalyptus odorata	1	
Eucalyptus ochrophloia	1	
Eucalyptus occidentalis	2	
Eucalyptus moluccana	2	
Eucalyptus melliodora	2	
Eucalyptus melanophloia	1	
Eucalyptus maideni	2	
Eucalyptus maculata	2	
Eucalyptus macrorrhuncha	1	
Eucalyptus leucoxylon	1	
Eucalyptus largisparsa	1	
Eucalyptus lansdowneana	1	
Eucalyptus intertexta	1	
Eucalyptus incrassata	1	
Eucalyptus globulus	5	
Eucalyptus forrestiana	1	
Eucalyptus fasciculosa	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Eucalyptus erythrandra</i>	1	
<i>Eucalyptus dolichorhyncha</i>	1	
<i>Eucalyptus diversicolor</i>	2	
<i>Eucalyptus desquamata</i>	1	
<i>Eucalyptus dealbata</i>	2	
<i>Eucalyptus cuprea</i>	1	
<i>Eucalyptus cladocalyx</i>	2	
<i>Eucalyptus citriodora</i>	4	240.0
<i>Eucalyptus ceratocorys</i>	1	
<i>Eucalyptus camaldulensis</i>	2	
<i>Eucalyptus brassiana</i>	4	
<i>Eucalyptus botryoides</i>	2	
<i>Eucalyptus bosistoana</i>	2	
<i>Eucalyptus blakelyi</i>	2	
<i>Eucalyptus behriana</i>	1	
<i>Eucalyptus astringens</i>	2	
<i>Eucalyptus angulosa</i>	1	
<i>Eucalyptus albens</i>	2	
<i>Eucommia ulmoides</i>	1	4160.0
<i>Eugenia uniflora</i>	1	
<i>Eugenia floribunda</i>	1	
<i>Eugenia brasiliensis</i>	1	
<i>Euodia rutaecarpa</i>	1	9900.0
<i>Eupatorium perfoliatum</i>	3	
<i>Eupatorium odoratum</i>	1	
<i>Euphorbia pulcherrima</i>	1	
<i>Euphorbia hirta</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Euphrasia officinalis</i>	3	8994.0
<i>Fagopyrum esculentum</i>	4	469072.0
<i>Fallopia japonica</i>	1	
<i>Feijoa sellowiana</i>	1	
<i>Ferula gummosa</i>	1	
<i>Ficus carica</i>	9	31308.0
<i>Filipendula ulmaria</i>	1	
<i>Firmiana simplex</i>	1	8960.0
<i>Foeniculum vulgare</i>	10	15692.0
<i>Forsythia suspensa</i>	2	4320.0
<i>Fragaria spp</i>	6	3252.0
<i>Frangula purshiana</i>	2	3238.0
<i>Frangula alnus</i>	1	400.0
<i>Fraxinus rhynchophylla</i>	1	4140.0
<i>Fritillaria thunbergii</i>	1	740.0
<i>Fucus vesiculosus</i>	2	17434.0
<i>Galega officinalis</i>	1	
<i>Garcinia mangostana</i>	1	
<i>Gardenia jasminoides</i>	2	4340.0
<i>Gastrodia elata</i>	1	1180.0
<i>Genipa americana</i>	2	8830.0
<i>Gentiana scabra</i>	1	2300.0
<i>Gentiana lutea</i>	2	5602.0
<i>Geranium thunbergii</i>	1	3320.0
<i>Ginkgo biloba</i>	6	1475.0
<i>Glechoma hederacea</i>	2	40.0
<i>Glehnia littoralis</i>	3	3300.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Gliricidia sepium</i>	1	216.0
<i>Glycine max</i>	4	7380.0
<i>Glycyrrhiza uralensis</i>	2	10140.0
<i>Glycyrrhiza glabra</i>	6	19442.0
<i>Gossypium sp</i>	4	32.0
<i>Gymnema sylvestre</i>	2	
<i>Hamamelis virginiana</i>	1	20.0
<i>Harpagophytum procumbens</i>	2	10880.0
<i>Hedeoma reverchonii</i>	1	922.0
<i>Hedeoma pulegioides</i>	1	300.0
<i>Hedeoma hispida</i>	1	328.0
<i>Hedeoma drummondii</i>	1	464.0
<i>Hedera helix</i>	2	
<i>Helianthus tuberosus</i>	2	3728.0
<i>Helianthus annuus</i>	7	79692.0
<i>Helichrysum angustifolium</i>	1	
<i>Hemidesmus indicus</i>	2	
<i>Heracleum laciniatum</i>	2	
<i>Hesperis matronalis</i>	3	
<i>Hibiscus sabdariffa</i>	6	2987.0
<i>Hibiscus rosa-sinensis</i>	1	
<i>Hippophae rhamnoides</i>	1	
<i>Hordeum vulgare</i>	5	12692.0
<i>Houttuynia cordata</i>	3	6860.0
<i>Humulus lupulus</i>	8	9630.0
<i>Hyacinthus orientalis</i>	3	77.66
<i>Hydrangea paniculata</i>	1	82000.0



Plants with Activity Synergy	Chemical Count	Total PPM
Hydrangea arborescens	3	3240.0
Hydrastis canadensis	4	186004.0
Hylocereus undatus	1	
Hylocereus guatemalensis	1	
Hyoscyamus niger	4	10500.0
Hypericum perforatum	4	
Hyptis suaveolens	1	
Hyssopus officinalis	5	3134.0
Ilex paraguariensis	1	
Illicium verum	4	400.0
Inga edulis	1	
Inula helenium	2	
Ipomoea batatas	3	3090.0
Ipomoea aquatica	3	10220.0
Iris x germanica	1	
Isanthus brachiatus	1	116.0
Isatis tinctoria	1	8820.0
Jasminum officinale	1	20.0
Juglans regia	6	3507.0
Juglans nigra	3	4843.0
Juglans cinerea	1	5352.0
Juncus effusus	1	1840.0
Juniperus virginiana	4	17600.0
Juniperus sabina	1	
Juniperus communis	6	4584.0
Jussiaea repens	1	7180.0
Justicia pectoralis	1	330.0

Plants with Activity Synergy	Chemical Count	Total PPM
Kalanchoe daegrिमontiana	1	
Kalmia latifolia	1	
Lablab purpureus	2	11185.74
Lactuca virosa	1	
Lactuca scariola	1	
Lactuca sativa	3	17812.0
Lagenaria siceraria	2	5074.0
Lantana camara	3	2920.0
Larrea tridentata	2	3440.0
Latua pubiflora	1	1550.0
Laurus nobilis	5	8526.0
Lavandula x intermedia	2	130.0
Lavandula x hybrida	1	
Lavandula latifolia	2	166.0
Lavandula angustifolia	2	
Ledum palustre	1	
Lens culinaris	3	5386.0
Lentinus edodes	1	
Leonurus cardiaca	1	
Lepechinia calycina	1	170.0
Lepidium sativum	2	3982.0
Lepidium meyenii	1	
Levisticum officinale	5	146.0
Licania platypus	1	
Ligustrum lucidum	2	2040.0
Ligustrum japonicum	2	2040.0
Limonia acidissima	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Lindera benzoin	1	
Linum usitatissimum	4	20337.9
Liquidambar styraciflua	2	28280.0
Liquidambar orientalis	1	
Litsea glaucescens	1	
Lobelia inflata	2	3306.0
Lonicera japonica	2	5980.0
Lophatherum gracile	1	4980.0
Luffa aegyptiaca	2	5760.0
Lupinus mutabilis	1	114.0
Lupinus albus	2	4448.0
Lycium chinense	4	7494.0
Lycium barbarum	1	
Lycopersicon esculentum	6	70044.0
Lycopodium clavatum	1	4680.0
Lycopus virginicus	1	28.0
Lycopus uniflorus	1	36.0
Lygodium japonicum	1	4540.0
Macadamia spp	2	2424.0
Macleaya cordata	1	
Maclura pomifera	1	
Magnolia officinalis	3	1380.0
Magnolia obovata	2	
Magnolia kobus	3	5240.0
Magnolia fargesii	1	4240.0
Magnolia denudata	3	4240.0
Mahonia siamensis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Mahonia repens	1	
Mahonia philipinensis	1	
Mahonia nervosa	1	
Mahonia japonica	1	
Mahonia gracilipes	1	
Mahonia fortunei	1	
Mahonia fargesii	1	
Mahonia aquifolium	1	
Malpighia glabra	2	4284.0
Malus domestica	8	1044.0
Malva sylvestris	1	120.0
Malva parviflora	1	18.0
Mammea americana	2	
Mandragora officinarum	1	100.0
Mangifera indica	3	2076.0
Manihot esculenta	2	4438.0
Manilkara zapota	1	
Maranta arundinacea	1	32.0
Matricaria recutita	2	
Mauritia flexuosa	1	
Medicago sativa	4	7408.0
Melaleuca viridiflora	1	
Melaleuca linariifolia	1	
Melaleuca bracteata	2	
Melaleuca alternifolia	2	
Melia azedarach	2	
Melicoccus bijugatas	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Melissa officinalis	4	
Menispermum canadense	1	
Mentha x piperita	6	13468.0
Mentha spicata	5	2789.0
Mentha pulegium	4	12840.0
Mentha longifolia	3	1100.0
Mentha arvensis var. piperascens	3	10630.0
Mentha aquatica	2	
Menyanthes trifoliata	1	
Mercurialis annua	1	
Metrosideros sclerocarpa	1	
Micromeria thymifolia	1	
Micromeria teneriffae	1	
Micromeria myrtifolia	2	
Micromeria juliana	1	
Micromeria fruticosa	2	
Micromeria dalmatica	1	
Micromeria croatica	1	
Micromeria congesta	2	
Mimulus glabratus	1	184.0
Minthostachys mollis	1	
Moldavica thymiflora	1	
Moldavica parviflora	1	
Momordica charantia	4	7906.0
Monarda media	1	280.0
Monarda lindheimeri	1	32.0
Monarda fistulosa	1	3720.0

Plants with Activity Synergy	Chemical Count	Total PPM
Monarda didyma	1	1110.0
Monarda clinopodia	1	20.0
Monarda citriodora	1	28.0
Morinda sp	1	2400.0
Morinda citrifolia	3	642.0
Moringa oleifera	4	
Morus alba	5	125008.0
Mucuna pruriens	2	68.0
Muntingia calabura	1	
Murraya sp	3	2276.0
Murraya koenigii	5	
Musa x paradisiaca	8	3019.0
Myrciaria dubia	1	
Myrciaria cauliflora	1	
Myrica cerifera	3	1036.0
Myristica fragrans	6	27040.0
Myroxylon balsamum	1	
Myrtus communis	4	36.0
Nandina domestica	1	
Narcissus tazetta	1	
Nardostachys jatamansi	2	
Nardostachys chinensis	2	10180.0
Nasturtium officinale	3	8626.0
Nelumbo nucifera	3	8146.0
Nepeta racemosa	1	
Nepeta cataria	3	4220.0
Nerium oleander	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Nicotiana tabacum	5	20000.0
Nicotiana glauca	1	42000.0
Nigella sativa	1	
Notopterygium incisum	1	5960.0
Nyssa sylvatica	1	27000.0
Ocimum tenuiflorum	3	
Ocimum suave	2	
Ocimum sp	1	
Ocimum sanctum	1	
Ocimum kilimandscharicum	2	
Ocimum gratissimum	3	
Ocimum canum	3	
Ocimum basilicum	8	29728.0
Oenanthe javanica	1	
Oenothera biennis	2	18524.0
Olea europaea	2	238.0
Ophiopogon japonicus	1	820.0
Opuntia ficus-indica	5	4928.2
Origanum vulgare	7	6526.0
Origanum syriacum	1	
Origanum sipyleum	2	
Origanum onites	2	82.0
Origanum minutiflorum	2	
Origanum majorana	6	11246.0
Oryza sativa	4	4530.0
Oxalis tuberosa	1	50.0
Pachira macrocarpa	1	80.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Pachyrhizus erosus</i>	2	3006.0
<i>Paeonia suffruticosa</i>	2	2360.0
<i>Paeonia officinalis</i>	1	
<i>Paeonia moutan</i>	2	2360.0
<i>Paeonia lactiflora</i>	2	37980.0
<i>Panax quinquefolius</i>	3	4520.0
<i>Panax japonicus</i>	1	4800.0
<i>Panax ginseng</i>	4	2591.0
<i>Panicum maximum</i>	2	
<i>Papaver somniferum</i>	3	31222.0
<i>Parthenium integrifolium</i>	2	
<i>Passiflora quadrangularis</i>	1	1536.0
<i>Passiflora mollissima</i>	1	
<i>Passiflora ligularis</i>	1	
<i>Passiflora incarnata</i>	4	
<i>Passiflora foetida</i>	1	
<i>Passiflora edulis</i>	1	
<i>Pastinaca sativa</i>	7	15336.0
<i>Pelargonium roseum</i>	1	
<i>Pelargonium citrosum</i>	1	
<i>Peperomia pereskiaifolia</i>	1	
<i>Peperomia pelucida</i>	1	
<i>Pereskia aculeata</i>	1	
<i>Perideridia gairdneri</i>	1	1000.0
<i>Perilla frutescens</i>	4	7858.0
<i>Persea schiedeana</i>	1	
<i>Persea americana</i>	4	3780.0



Plants with Activity Synergy	Chemical Count	Total PPM
<i>Petasites japonicus</i>	3	5162.0
<i>Petroselinum crispum</i>	9	77061.06
<i>Peucedanum ostruthium</i>	1	
<i>Peumus boldus</i>	3	250.0
<i>Phaseolus vulgaris</i>	5	49892.0
<i>Phaseolus lunatus</i>	2	14211.0
<i>Phaseolus coccineus</i>	2	3658.0
<i>Phaseolus acutifolius</i>	2	
<i>Phaseolus aborigineus</i>	1	
<i>Phellodendron amurense</i>	3	21300.0
<i>Phoenix dactylifera</i>	6	8608.0
<i>Phyllanthus niruri</i>	1	
<i>Phyllanthus emblica</i>	3	1192.0
<i>Phyllanthus amarus</i>	1	
<i>Phyllanthus acidus</i>	1	116.0
<i>Physalis peruviana</i>	3	3782.0
<i>Physalis ixocarpa</i>	2	4806.0
<i>Phytelephas aequatorialis</i>	1	
<i>Phytolacca americana</i>	1	286.0
<i>Picea mariana</i>	1	322.0
<i>Pilocarpus jaborandi</i>	1	50.0
<i>Pimenta racemosa</i>	4	119960.0
<i>Pimenta dioica</i>	6	95731.6
<i>Pimpinella anisum</i>	7	3756.0
<i>Pinellia ternata</i>	1	1420.0
<i>Pinus sylvestris</i>	2	
<i>Pinus strobus</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Pinus pinea	1	
Pinus mugo	1	
Pinus edulis	2	
Pinus echinata	1	4200.0
Pinus cembroides	1	
Piper nigrum	11	244667.041
Piper methysticum	5	
Piper cubeba	5	
Piper betel	3	35796.0
Piper auritum	5	200.0
Pistacia vera	4	3426.0
Pistacia lentiscus	3	36000.0
Pisum sativum	4	16660.0
Plantago psyllium	2	1020.0
Plantago major	2	
Plantago asiatica	1	10640.0
Platonia insignis	1	
Platycodon grandiflorum	2	3226.0
Plectranthus amboinicus	1	
Pluchea carolinensis	1	
Plumeria acutifolia	1	
Podophyllum peltatum	1	
Podophyllum hexandrum	1	
Pogostemon cablin	1	
Polianthes tuberosa	1	
Polygala tenuifolia	1	1920.0
Polygonum multiflorum	1	6460.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Polygonum hydropiper</i>	1	60000.0
<i>Polygonum aviculare</i>	1	
<i>Polymnia edulis</i>	1	164.0
<i>Populus tacamahacca</i>	1	
<i>Populus nigra</i>	2	
<i>Porophyllum ruderale</i>	1	
<i>Portulaca oleracea</i>	3	42176.0
<i>Pourouma cecropiaefolia</i>	1	
<i>Pouteria viridis</i>	1	
<i>Pouteria campechiana</i>	1	
<i>Pouteria caimito</i>	1	
<i>Prunella vulgaris</i>	4	9120.0
<i>Prunus spinosa</i>	1	
<i>Prunus serotina</i>	1	30000.0
<i>Prunus salicifolia</i>	1	
<i>Prunus persica</i>	3	18096.0
<i>Prunus dulcis</i>	4	6928.0
<i>Prunus domestica</i>	4	6992.0
<i>Prunus cerasus</i>	8	1378.8
<i>Prunus armeniaca</i>	4	40286.0
<i>Psidium guajava</i>	4	1642.0
<i>Psidium cattleianum</i>	2	1836.0
<i>Psophocarpus tetragonolobus</i>	2	6076.0
<i>Psoralea esculenta</i>	1	2800.0
<i>Psoralea corylifolia</i>	4	1000.0
<i>Pteridium aquilinum</i>	2	
<i>Ptychopetalum olacoides</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Pueraria pseudohirsuta</i>	1	7380.0
<i>Pueraria montana</i>	2	1700.0
<i>Pulsatilla chinensis</i>	1	6380.0
<i>Punica granatum</i>	5	340.0
<i>Pycnanthemum virginianum</i>	1	522.0
<i>Pycnanthemum verticillatum</i>	1	252.0
<i>Pycnanthemum torreyi</i>	1	180.0
<i>Pycnanthemum tenuifolium</i>	1	5120.0
<i>Pycnanthemum setosum</i>	2	868.0
<i>Pycnanthemum pycnanthemoides</i>	2	812.0
<i>Pycnanthemum pilosum</i>	1	420.0
<i>Pycnanthemum muticum</i>	1	400.0
<i>Pycnanthemum montanum</i>	1	32.0
<i>Pycnanthemum loomisii</i>	1	1512.0
<i>Pycnanthemum incanum</i>	1	228.0
<i>Pycnanthemum curvipes</i>	1	126.0
<i>Pycnanthemum clinopodioides</i>	2	880.0
<i>Pycnanthemum californicum</i>	1	216.0
<i>Pycnanthemum beadlei</i>	1	56.0
<i>Pyrus communis</i>	4	2294.0
<i>Quararibea cordata</i>	1	
<i>Quercus velutina</i>	1	13640.0
<i>Quercus stellata</i>	1	11760.0
<i>Quercus rubra</i>	1	18160.0
<i>Quercus phellos</i>	1	5880.0
<i>Quercus alba</i>	2	10960.0
<i>Quisqualis indica</i>	2	2080.0

Plants with Activity Synergy	Chemical Count	Total PPM
Raphanus sativus	2	16010.0
Rauvolfia vomitoria	1	
Rauvolfia tetraphylla	1	
Rauvolfia serpentina	1	4000.0
Ravensara aromatica	3	
Rehmannia glutinosa	2	64380.0
Rheum rhabarbarum	4	18702.0
Rheum palmatum	3	5120.0
Rheum officinale	1	
Rhizophora mangle	2	17600.0
Rhodymenia palmata	2	11860.0
Rhus glabra	1	9380.0
Rhus copallina	1	27740.0
Ribes uva-crispa	4	2038.0
Ribes rubrum	3	2000.0
Ribes nigrum	6	3714.0
Ricinus communis	4	4044.0
Rollinia mucosa	1	
Rosa multiflora	1	
Rosa laevigata	1	5660.0
Rosa gallica	1	8.0
Rosa canina	3	4024.0
Rosmarinus x mendizabalii	1	
Rosmarinus x lavandulaceus	1	
Rosmarinus tomentosus	1	
Rosmarinus officinalis	8	16388.0
Rosmarinus eriocalyx	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Rubia cordifolia	1	3740.0
Rubus idaeus	6	7256.0
Rubus chingii	1	5480.0
Rubus chamaemorus	1	3750.0
Rumex crispus	3	6616.0
Rumex acetosella	1	10600.0
Rumex acetosa	3	34900.0
Ruscus aculeatus	3	5642.4
Ruta graveolens	3	40000.0
Salix alba	3	11398.0
Salvia triloba	1	1800.0
Salvia sclarea	1	84.0
Salvia officinalis	4	6456.0
Salvia miltiorrhiza	1	6460.0
Salvia gilliesii	1	
Salvia dorisiana	1	
Salvia canariensis	1	
Sambucus nigra	4	18414.0
Sambucus canadensis	2	73050.0
Sanguinaria canadensis	1	
Santalum album	1	
Santalum acuminatum	1	
Santolina chamaecyparissus	1	
Sassafras albidum	6	120120.0
Satureja thymbra	1	
Satureja subspicata	1	
Satureja parvifolia	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Satureja odora	1	
Satureja obovata	1	
Satureja montana	3	
Satureja hortensis	3	90.0
Satureja grandiflora	1	
Satureja douglasii	1	208.0
Satureja cuneifolia	1	
Satureja cilicica	1	
Schinus molle	1	
Schisandra chinensis	2	5520.0
Schizonepeta tenuifolia	1	6780.0
Sclerocarya caffra	1	62.0
Scopolia carniolica	2	
Scrophularia buergeriana	1	4120.0
Scutellaria lateriflora	3	2330.0
Scutellaria galericulata	1	
Scutellaria baicalensis	3	14440.0
Secale cereale	2	
Sechium edule	3	11930.0
Selenicereus grandiflorus	1	
Senna occidentalis	1	5760.0
Senna obtusifolia	1	6440.0
Senna alexandrina	2	
Serenoa repens	3	
Sesamum indicum	3	8326.0
Sicana odorifera	1	
Sida rhombifolia	1	210.0

Plants with Activity Synergy	Chemical Count	Total PPM
Sideritis pauli	1	
Sideritis mugronensis	1	
Sideritis germanicolpitana	1	
Sideritis athoa	1	
Siegesbeckia orientalis	1	5320.0
Silybum marianum	3	8060.0
Simmondsia chinensis	1	2820.0
Sinapis alba	2	6732.0
Sinomenium acutum	1	720.0
Skimmia japonica	1	
Skimmia arborescens	4	
Smilax spp	2	3340.0
Smilax officinalis	2	
Smilax china	1	
Solanum tuberosum	6	8653.6
Solanum torvum	1	356.0
Solanum sessiliflorum	1	
Solanum quitoensis	1	
Solanum melongena	3	3322.0
Solidago virgaurea	1	
Solidago gigantea	1	
Sonchus oleraceus	1	236.0
Sophora subprostrata	1	3760.0
Sophora pachycarpa	1	
Sophora japonica	1	868000.0
Sophora angustifolia	1	7440.0
Sorbus aucubaria	3	2380.0



Plants with Activity Synergy	Chemical Count	Total PPM
Spartium junceum	1	
Spinacia oleracea	4	23357.6
Spirulina spp.	2	
Spirulina pratensis	2	5420.0
Spondias tuberosa	1	180.0
Spondias purpurea	1	84.0
Spondias pinnata	1	62.0
Spondias mombin	1	234.0
Spondias dulcis	2	3090.0
Stachys officinalis	2	
Stachys germanica	1	14.0
Stellaria media	3	10674.0
Stevia rebaudiana	8	6980.0
Symphoricarpos orbiculatus	1	17600.0
Symphytum officinale	3	3534.0
Syringa vulgaris	2	
Syzygium malaccense	1	
Syzygium jambos	2	
Syzygium cumini	2	
Syzygium aromaticum	4	468120.0
Tabebuia heptaphylla	2	1631.4
Tabernanthe iboga	1	
Tagetes lucida	3	
Tamarindus indica	3	4420.0
Tanacetum parthenium	3	
Taraxacum officinale	3	8206.1
Taraxacum mongolicum	1	8100.0

Plants with Activity Synergy	Chemical Count	Total PPM
Tephrosia purpurea	2	20600.0
Terminalia chebula	2	44000.0
Terminalia catappa	1	14.0
Tetragonia tetragonioides	2	13170.0
Tetrapanax papyrifera	1	4240.0
Teucrium scorodonia	2	
Teucrium scordium	1	
Teucrium salviastrum	1	
Teucrium pseudoscorodonia	1	
Teucrium polium	1	
Teucrium oxylepis	1	
Teucrium micropodioides	1	
Teucrium kotschyanum	1	
Teucrium gnaphalodes	1	
Teucrium divaricatum	1	
Teucrium cyprium	1	
Teucrium asiaticum	1	
Theobroma speciosum	1	
Theobroma cacao	4	68.0
Theobroma bicolor	1	
Thevetia peruviana	1	
Thymus zygis	1	
Thymus vulgaris	5	16164.0
Thymus serpyllum	1	458.0
Thymus saturejoides	1	
Thymus riatarum	1	
Thymus orospedanus	1	1716.0

Plants with Activity Synergy	Chemical Count	Total PPM
Thymus mastichina	1	180.0
Thymus longicaulis	1	
Thymus funkii	3	
Thymus cilicicus	1	
Thymus capitatus	2	360.0
Thymus broussonettii	1	
Tilia sp.	2	
Trachyspermum ammi	1	240.0
Tragopogon porrifolius	2	2044.0
Tribulus terrestris	1	
Trichosanthes anguina	2	19742.0
Trifolium pratense	6	24230.0
Trigonella foenum-graecum	4	4026.0
Triticum aestivum	5	32056.0
Tropaeolum tuberosum	1	100.0
Tropaeolum majus	1	150.0
Tsuga canadensis	1	240.0
Turnera diffusa	2	4284.0
Tussilago farfara	2	9360.0
Ullucus tuberosus	1	78.0
Ulmus rubra	2	1560.0
Umbellularia californica	4	1360.0
Uncaria tomentosa	1	
Uncaria guianensis	1	
Urtica dioica	6	17892.0
Vaccinium vitis-idaea	1	1200.0
Vaccinium myrtillus	5	4730.0

Plants with Activity Synergy	Chemical Count	Total PPM
Vaccinium macrocarpon	4	2940.3
Vaccinium corymbosum	6	944.04
Valeriana officinalis	6	6464.0
Valerianella radicata	1	
Valerianella locusta	1	
Vanilla planifolia	1	
Verbascum thapsus	2	6650.0
Vernonia cinerea	1	
Vetiveria zizanioides	1	
Viburnum opulus	1	6220.0
Vicia faba	2	8630.0
Vigna unguiculata	2	25024.0
Vigna subterranea	1	40.0
Vigna radiata	4	9750.0
Vigna mungo	3	4204.0
Vigna angularis	2	3006.0
Vigna aconitifolia	2	9986.0
Vinca minor	1	
Viola tricolor	2	460604.0
Viola odorata	2	40714.0
Viscum album	2	6220.0
Vitex agnus-castus	2	
Vitis vinifera	7	13432.8
Withania somnifera	1	
Xanthorhiza simplicissima	2	
Xanthosoma sagittifolium	2	10580.0
Xylopiya aethiopica	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Yucca baccata	2	1020.0
Zanthoxylum clava-herculis	1	
Zanthoxylum americanum	4	
Zanthoxylum alatum	2	
Zea mays	7	7518.0
Zingiber officinale	7	7550.0
Zizyphus spina-christi	1	82.0
Zizyphus jujuba	3	31346.0