

## Dr. Duke's Phytochemical and Ethnobotanical Databases

### List of Plants for Antiparkinsonian

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Abelmoschus esculentus</i>	7	30520.0
<i>Abrus precatorius</i>	1	
<i>Acacia farnesiana</i>	6	72266.0
<i>Acacia nilotica</i>	2	
<i>Acacia senegal</i>	2	
<i>Acalypha indica</i>	1	
<i>Achillea millefolium</i>	3	6217.6
<i>Acorus calamus</i>	1	
<i>Actaea racemosa</i>	3	
<i>Actinidia chinensis</i>	3	12800.0
<i>Aegle marmelos</i>	2	
<i>Aesculus hippocastanum</i>	1	
<i>Agathosma betulina</i>	3	10024.0
<i>Albizia lebbek</i>	5	
<i>Aleurites moluccana</i>	1	
<i>Alisma plantago-aquatica</i>	1	
<i>Alliaria petiolata</i>	1	
<i>Allium ampeloprasum</i>	7	13474.0
<i>Allium cepa</i>	8	29138.006
<i>Allium sativum</i> var. <i>sativum</i>	8	50735.6
<i>Allium schoenoprasum</i>	7	78141.0
<i>Alocasia macrorrhiza</i>	2	1276.0
<i>Aloe</i> spp.	3	
<i>Aloe vera</i>	5	12673.3
<i>Alpinia galanga</i>	6	3830.0
<i>Althaea officinalis</i>	3	3378.3
<i>Amaranthus</i> sp.	6	80130.0

Plants with Activity Synergy	Chemical Count	Total PPM
Amaranthus spinosus	2	
Ammi visnaga	1	
Amorphophallus campanulatus	2	716.0
Amorphophallus konjac	2	
Anacardium occidentale	8	77570.4
Ananas comosus	7	13622.0
Anastatica hierochuntica	1	
Anethum graveolens	6	20904.023999999998
Angelica archangelica	3	
Angelica sinensis	9	611.9
Anisodus tanguticus	3	
Annona cherimola	2	1550.0
Annona diversifolia	2	
Annona glabra	2	
Annona muricata	4	5144.0
Annona reticulata	5	3646.0
Annona squamosa	4	4542.0
Apium graveolens	8	25982.0
Arachis hypogaea	8	81746.04000000001
Aralia cordata	2	2470.0
Arctium lappa	8	6879.4
Arctostaphylos uva-ursi	3	423.6
Areca catechu	2	13.6
Armoracia rusticana	3	49699.0
Arracacia xanthorrhiza	2	2390.0
Artemisia absinthium	1	5200.0
Artemisia annua	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Artemisia dracunculus</i>	4	1356.0
<i>Artemisia vulgaris</i>	2	11810.0
<i>Artocarpus altilis</i>	6	7030.0
<i>Artocarpus heterophyllus</i>	2	900.0
<i>Asimina triloba</i>	5	13534.0
<i>Aspalathus linearis</i>	2	
<i>Asparagus officinalis</i>	8	58866.156
<i>Astragalus membranaceus</i>	3	
<i>Atropa bella-donna</i>	3	17600.0
<i>Avena sativa</i>	9	70307.45999999999
<i>Averrhoa bilimbi</i>	2	
<i>Averrhoa carambola</i>	6	
<i>Bacopa monnieri</i>	1	
<i>Bactris gasipaes</i>	2	
<i>Balanites aegyptiacus</i>	1	780.0
<i>Banisteriopsis caapi</i>	1	
<i>Barosma betulina</i>	3	9800.0
<i>Basella alba</i>	6	81890.0
<i>Benincasa hispida</i>	4	16274.0
<i>Berberis vulgaris</i>	4	199.4
<i>Bertholletia excelsa</i>	8	52006.0
<i>Beta vulgaris</i>	8	27721.2
<i>Bixa orellana</i>	5	16278.0
<i>Blighia sapida</i>	2	8874.0
<i>Boehmeria nivea</i>	2	11472.0
<i>Borago officinalis</i>	2	10268.0
<i>Brassica chinensis</i>	7	61208.0

Plants with Activity Synergy	Chemical Count	Total PPM
Brassica napus var. napobrassica	7	19856.096
Brassica nigra	6	81167.74
Brassica oleracea	5	27644.0
Brassica oleracea var. botrytis l.	8	128896.078
Brassica oleracea var. capitata l.	8	36263.5
Brassica oleracea var. gemmifera	7	36240.072
Brassica oleracea var. italica	8	
Brassica oleracea var. sabellica l.	6	41502.0
Brassica oleracea var. viridis l.	6	53324.0
Brassica pekinensis	2	112.004
Brassica rapa	8	17916.0
Bromelia pinguin	2	6974.0
Brosimum alicastrum	2	
Brugmansia amesianum	2	
Bupleurum chinense	3	
Byrsonima crassifolia	2	
Cajanus cajan	6	69834.0
Calathea allouia	3	
Calathea macrosepala	2	
Calendula officinalis	2	6200.0
Camellia sinensis	2	152.0
Canavalia ensiformis	2	3278.0
Canna indica	2	446.0
Cannabis sativa	4	48.0
Capparis spinosa	2	4600.0
Capsella bursa-pastoris	3	11068.0
Capsicum annum	10	61562.004

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Capsicum frutescens</i>	8	68488.0
<i>Carica papaya</i>	9	27464.0
<i>Carica pentagona</i>	2	
<i>Carthamus tinctorius</i>	4	930.6
<i>Carum carvi</i>	5	112.0
<i>Carya illinoensis</i>	3	60.64
<i>Carya ovata</i>	1	0.04
<i>Casimiroa edulis</i>	2	
<i>Castanea dentata</i>	4	18228.0
<i>Castanea mollissima</i>	4	18584.0
<i>Castanea sativa</i>	4	9230.0
<i>Catha edulis</i>	2	3516.0
<i>Caulophyllum thalictroides</i>	3	167.0
<i>Centella asiatica</i>	3	1261.2
<i>Cephaelis ipecacuanha</i>	1	
<i>Ceratonia siliqua</i>	4	72380.0
<i>Chamaemelum nobile</i>	3	534.0
<i>Chenopodium album</i>	6	72750.0
<i>Chenopodium ambrosioides</i>	2	2120.0
<i>Chondrus crispus</i>	3	462.0
<i>Chrysanthemum coronarium</i>	2	18674.0
<i>Chrysanthemum parthenium</i>	3	660.0
<i>Chrysobalanus icaco</i>	1	
<i>Chrysophyllum cainito</i>	4	
<i>Cicer arietinum</i>	6	51218.0
<i>Cichorium endivia</i>	7	54802.048
<i>Cichorium intybus</i>	5	24408.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Cimicifuga racemosa</i>	3	254.2
<i>Cinnamomum aromaticum</i>	1	618.0
<i>Cinnamomum verum</i>	2	634.0
<i>Citrullus colocynthis</i>	1	244.0
<i>Citrullus lanatus</i>	6	74562.0
<i>Citrus aurantiifolia</i>	4	9796.0
<i>Citrus aurantium</i>	2	13942.0
<i>Citrus limon</i>	2	11170.0
<i>Citrus mitis</i>	1	
<i>Citrus paradisi</i>	8	8876.054
<i>Citrus reticulata</i>	8	15724.0
<i>Citrus sinensis</i>	8	19738.004
<i>Cnicus benedictus</i>	3	103.60000000000001
<i>Cnidioscolus chayamansa</i>	5	90910.0
<i>Coccinia grandis</i>	3	
<i>Cocos nucifera</i>	8	232.04
<i>Coffea arabica</i>	3	140.0
<i>Coix lacryma-jobi</i>	2	96.0
<i>Cola acuminata</i>	1	2912.0
<i>Colocasia esculenta</i>	6	90200.0
<i>Commelina benghalensis</i>	1	
<i>Corchorus olitorius</i>	6	85374.0
<i>Coriandrum sativum</i>	6	12898.0
<i>Corylus avellana</i>	4	152.16
<i>Crataegus laevigata</i>	5	3792.0
<i>Crataegus rhipidophylla</i>	5	
<i>Crescentia alata</i>	1	18.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Crocus sativus</i>	3	
<i>Cryptotaenia japonica</i>	3	
<i>Cucumis melo</i>	4	8904.008
<i>Cucumis sativus</i>	6	8837.6
<i>Cucurbita foetidissima</i>	4	
<i>Cucurbita pepo</i>	8	120424.4
<i>Cucurbita spp</i>	6	36490.0
<i>Cuminum cyminum</i>	2	250.0
<i>Curcuma longa</i>	4	710.0
<i>Cyamopsis tetragonoloba</i>	1	
<i>Cyclanthera pedata</i>	2	5750.0
<i>Cydonia oblonga</i>	2	1964.0
<i>Cymbopogon citratus</i>	1	124.0
<i>Cynara cardunculus</i>	2	1820.0
<i>Cyperus rotundus</i>	1	180.0
<i>Cyphomandra betacea</i>	2	4290.0
<i>Cypripedium pubescens</i>	1	98.0
<i>Cyrtosperma chamissonis</i>	2	1568.0
<i>Cytisus scoparius</i>	2	
<i>Datura candida</i>	3	6600.0
<i>Datura innoxia</i>	4	36680.0
<i>Datura metel</i>	5	24650.0
<i>Datura stramonium</i>	4	9080.0
<i>Daucus carota</i>	8	14668.04
<i>Dioscorea alata</i>	2	234.0
<i>Dioscorea pentaphylla</i>	6	13918.0
<i>Dioscorea sp.</i>	3	388.0

Plants with Activity Synergy	Chemical Count	Total PPM
Dioscorea villosa	3	
Diospyros digyna	2	
Diospyros virginiana	1	3710.0
Duboisia myoporoides	4	
Duchesnea indica	1	
Durio zibethinus	2	
Echinacea purpurea	3	
Echinacea spp	3	6072.5
Elaeagnus angustifolia	3	
Elaeagnus commutata	2	
Elaeagnus umbellatus	4	
Elaeis guineensis	3	
Eleocharis dulcis	2	
Elettaria cardamomum	2	24.0
Eleutherococcus senticosus	5	
Elytrigia repens	1	204.0
Ephedra sinica	3	1635.2
Equisetum arvense	3	9090.3
Eriobotrya japonica	2	1730.0
Eriodictyon californicum	3	
Eryngium creticus	1	
Eryngium floridanum	2	4056.0
Erythrina berteroana	2	4830.0
Erythrina fusca	2	1690.0
Erythroxyllum coca	2	152.0
Eucalyptus globulus	1	
Eugenia brasiliensis	2	



Plants with Activity Synergy	Chemical Count	Total PPM
Eugenia floribunda	2	
Eugenia uniflora	2	
Eupatorium perfoliatum	3	
Euphorbia hirta	1	886.0
Euphorbia lathyris	1	34000.0
Euphrasia officinalis	3	813.2
Fagopyrum esculentum	8	19892.4
Feijoa sellowiana	1	
Ficus carica	7	14376.0
Filipendula ulmaria	1	
Foeniculum vulgare	8	41904.0
Fragaria spp	6	24656.004
Frangula alnus	1	400.0
Frangula purshiana	3	70.1
Fucus vesiculosus	3	628.7
Garcinia mangostana	2	
Genipa americana	2	2070.0
Gentiana lutea	3	507.8
Ginkgo biloba	7	19125.0
Glechoma hederacea	1	
Gliricidia sepium	2	6506.0
Glycine max	10	89156.65000000001
Glycyrrhiza glabra	3	1393.1
Gossypium sp	3	33.8
Gymnema sylvestre	3	
Harpagophytum procumbens	4	16.5
Hedera helix	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Helianthus annuus	7	252212.0
Helianthus tuberosus	6	14844.0
Hibiscus rosa-sinensis	2	
Hibiscus sabdariffa	5	9365.3
Hippophae rhamnoides	2	
Hordeum vulgare	8	32922.0
Humulus lupulus	7	4452.7
Hydrangea arborescens	3	17.6
Hydrastis canadensis	3	1497.0
Hylocereus guatemalensis	2	
Hylocereus undatus	2	
Hyoscyamus niger	3	
Hypericum perforatum	1	3390.0
Ilex paraguariensis	1	
Inga edulis	2	
Inula helenium	3	
Ipomoea aquatica	6	83870.0
Ipomoea batatas	7	28188.0
Iris x germanica	1	19860.0
Juglans cinerea	5	70266.2
Juglans nigra	8	14.04
Juglans regia	7	56166.0
Juniperus communis	3	1226.6
Juniperus virginiana	1	0.08
Justicia pectoralis	2	4064.0
Lablab purpureus	6	73294.94
Lactuca sativa	9	43746.116

Plants with Activity Synergy	Chemical Count	Total PPM
Lactuca scariola	2	
Lactuca virosa	2	
Lagenaria siceraria	5	15214.0
Larrea tridentata	5	16140.9
Latua pubiflora	2	15300.0
Lens culinaris	8	108501.8
Lentinus edodes	4	
Leonurus cardiaca	1	84.0
Lepidium meyenii	6	
Lepidium sativum	3	17002.0
Licania platypus	2	
Limonia acidissima	1	
Linum usitatissimum	7	133.9
Liquidambar styraciflua	1	0.8
Lobelia inflata	3	4575.5
Luffa aegyptiaca	2	24152.0
Lupinus albus	5	74618.0
Lupinus mutabilis	1	114.0
Lycium chinense	3	1692.0
Lycopersicon esculentum	10	23906.068
Lycopus europeus	1	
Macadamia spp	5	14224.0
Maclura pomifera	1	
Malpighia glabra	2	344556.0
Malus domestica	9	2508.0
Malva neglecta	1	2350.0
Malva parviflora	2	9508.0

Plants with Activity Synergy	Chemical Count	Total PPM
Malva sylvestris	2	5830.0
Mammea americana	2	
Mandragora officinarum	3	7140.0
Mangifera indica	6	21806.0
Manihot esculenta	6	34018.0
Manilkara zapota	2	
Maranta arundinacea	2	462.0
Marrubium vulgare	1	
Matricaria recutita	2	
Mauritia flexuosa	2	
Medicago sativa	10	11542.082
Melia azedarach	1	
Melicoccus bijugatas	4	
Mentha pulegium	1	50.0
Mentha spicata	6	89.0
Mentha x piperita	8	240.1
Menyanthes trifoliata	1	4094.0
Mimosa pudica	1	5140.0
Mimulus glabratus	2	4584.0
Momordica charantia	5	98024.0
Morinda citrifolia	2	5282.0
Moringa oleifera	8	
Morus alba	2	8188.0
Mucuna pruriens	5	137832.0
Muntingia calabura	2	
Murraya koenigii	2	
Murraya sp	8	7454.0

Plants with Activity Synergy	Chemical Count	Total PPM
Musa x paradisiaca	12	12038.08
Myrciaria cauliflora	2	
Myrciaria dubia	3	
Myrica cerifera	3	1405.4
Nandina domestica	1	
Nasturtium officinale	6	118406.0
Nelumbo nucifera	6	2938220.0
Nepeta cataria	3	135.3
Nicotiana tabacum	1	
Nigella sativa	5	114834.0
Ocimum basilicum	5	19850.0
Ocimum sanctum	1	
Ocimum tenuiflorum	1	
Oenothera biennis	5	65636.0
Olea europaea	1	238.0
Ophiopogon japonicus	1	
Opuntia ficus-indica	7	64848.2
Origanum majorana	2	1198.0
Origanum vulgare	3	134.0
Oryza sativa	6	150.0
Oxalis tuberosa	2	4618.0
Pachira macrocarpa	2	590.0
Pachyrhizus erosus	5	16286.0
Panax ginseng	6	187.5
Panax quinquefolius	5	878.0
Panicum maximum	1	
Papaver bracteatum	3	42600.0

Plants with Activity Synergy	Chemical Count	Total PPM
Papaver somniferum	8	49108.0
Parthenium integrifolium	3	
Passiflora edulis	2	
Passiflora foetida	2	
Passiflora incarnata	7	140.0
Passiflora ligularis	2	
Passiflora mollissima	2	
Passiflora quadrangularis	2	8286.0
Pastinaca sativa	2	1728.0
Peganum harmala	2	
Peperomia pelucida	2	
Peperomia pereskiaifolia	2	
Pereskia aculeata	2	
Perideridia gairdneri	5	11144.0
Perilla frutescens	2	7170.0
Persea americana	9	15936.0
Persea schiedeana	2	
Petasites japonicus	2	11522.0
Petroselinum crispum	5	18632.042
Phaseolus acutifolius	5	
Phaseolus coccineus	2	684.0
Phaseolus lunatus	6	59005.0
Phaseolus vulgaris	8	211934.036
Phoenix dactylifera	6	12380.0
Phragmites australis	1	
Phyllanthus acidus	2	2674.0
Phyllanthus emblica	7	58072.0

Plants with Activity Synergy	Chemical Count	Total PPM
Physalis alkekengi	2	8000.0
Physalis ixocarpa	2	1426.0
Physalis peruviana	2	5892.0
Phytolacca americana	2	32654.0
Pimenta dioica	3	4137.68
Pimpinella anisum	2	18.0
Pinus cembroides	2	
Pinus echinata	1	0.4
Pinus edulis	6	
Pinus pinea	5	
Pinus sylvestris	1	6000.0
Piper auritum	2	6940.0
Piper betel	2	4356.0
Piper nigrum	3	49.041
Pistacia vera	7	53440.2
Pisum sativum	10	105102.804
Plantago major	4	
Plantago ovata	1	
Plantago psyllium	3	15.4
Platonia insignis	2	
Platycodon grandiflorum	2	206.0
Plectranthus amboinicus	2	
Polygonum multiflorum	2	148.0
Polymnia edulis	2	2964.0
Populus nigra	1	
Portulaca oleracea	9	63004.0
Pothomorphe sp.	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Pourouma cecropiaefolia	2	
Pouteria caimito	3	
Pouteria campechiana	4	
Pouteria viridis	2	
Prosopis juliflora	1	
Prunus armeniaca	6	16596.0
Prunus cerasus	5	1828.8
Prunus domestica	7	5508.026
Prunus dulcis	7	46230.06
Prunus persica	8	12148.006
Prunus salicifolia	2	
Psidium cattleianum	6	6026.0
Psidium guajava	6	36243.0
Psophocarpus tetragonolobus	6	186854.0
Psoralea corylifolia	1	
Psoralea esculenta	5	8360.0
Pueraria montana	1	
Pueraria pseudohirsuta	1	
Punica granatum	3	1372.0
Pyrus communis	6	1562.002
Quararibea cordata	2	
Quercus alba	3	270.58000000000004
Quercus phellos	1	0.6
Quercus rubra	1	0.04
Quercus stellata	1	0.08
Raphanus sativus	7	61322.0
Rehmannia glutinosa	3	20000.0



Plants with Activity Synergy	Chemical Count	Total PPM
Rhamnus cathartica	1	
Rheum rhabarbarum	4	11580.0
Rhizophora mangle	1	
Rhodymenia palmata	3	240.0
Rhus glabra	1	0.5
Ribes nigrum	4	20334.0
Ribes rubrum	4	5238.0
Ribes uva-crispa	4	4956.0
Ricinus communis	2	44.0
Rivea corymbosa	1	
Rollinia mucosa	2	
Rosa canina	4	32946.105
Rosa gallica	1	16940.0
Rosa multiflora	1	4000.0
Rosa rubiginosa	1	25000.0
Rosa spp	1	25000.0
Rosmarinus officinalis	7	1368.0
Rubus chamaemorus	1	
Rubus fruticosus	1	
Rubus idaeus	5	8843.5
Rumex acetosa	2	24900.0
Rumex acetosella	1	24000.0
Rumex crispus	3	8351.5
Ruscus aculeatus	3	464.8
Ruta graveolens	1	9580.0
Salix alba	3	346.1
Salvia officinalis	4	824.0

Plants with Activity Synergy	Chemical Count	Total PPM
Sambucus canadensis	6	15126.0
Sambucus nigra	3	5814.0
Satureja hortensis	1	90.0
Schisandra chinensis	3	2052.1
Sclerocarya caffra	2	16442.0
Scopolia carniolica	3	600.0
Scutellaria baicalensis	2	
Scutellaria lateriflora	3	2129.1
Secale cereale	5	
Sechium edule	6	41000.0
Senna alexandrina	3	
Senna obtusifolia	5	30800.0
Serenoa repens	3	
Sesamum indicum	7	72304.0
Sicana odorifera	2	
Sida rhombifolia	2	9300.0
Silybum marianum	3	178.1
Sinapis alba	6	60450.0
Smilax officinalis	3	
Smilax spp	3	34.1
Solanum dulcamara	1	
Solanum melongena	9	37746.004
Solanum nigrum	2	8214.0
Solanum quitoensis	2	
Solanum sessiliflorum	1	
Solanum torvum	2	906.0
Solanum tuberosum	10	63869.619999999995

Plants with Activity Synergy	Chemical Count	Total PPM
Sonchus oleraceus	2	1486.0
Sophora japonica	1	940.0
Sophora pachycarpa	1	
Sorbus aucubaria	3	5300.022
Spinacia oleracea	8	94351.714
Spirulina pratensis	2	320.0
Spirulina spp.	3	
Spondias dulcis	2	5710.0
Spondias mombin	2	3464.0
Spondias pinnata	2	4392.0
Spondias purpurea	2	4134.0
Stachys officinalis	6	
Stachytarpheta jamaicensis	1	
Stellaria media	4	5667.7
Stevia rebaudiana	3	270.0
Symphoricarpos orbiculatus	1	0.16
Symphytum officinale	3	409.4
Syringa vulgaris	1	
Syzygium aromaticum	1	1620.0
Syzygium cumini	2	
Syzygium jambos	2	
Syzygium malaccense	2	
Tabebuia heptaphylla	3	375.59999999999997
Tamarindus indica	5	4150.0
Tanacetum parthenium	3	
Taraxacum officinale	4	9777.6
Tecoma stans	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Terminalia catappa</i>	2	14.0
<i>Terminalia chebula</i>	1	1840.0
<i>Tetragonia tetragonioides</i>	2	10170.0
<i>Theobroma bicolor</i>	2	
<i>Theobroma cacao</i>	6	22732.0
<i>Theobroma speciosum</i>	2	
<i>Thuja occidentalis</i>	1	
<i>Thymus vulgaris</i>	7	18530.0
<i>Tilia sp.</i>	4	
<i>Tragopogon porrifolius</i>	2	1026.0
<i>Tribulus terrestris</i>	2	
<i>Trichosanthes anguina</i>	2	112.0
<i>Trifolium pratense</i>	8	6990.584
<i>Trigonella foenum-graecum</i>	8	58529.6
<i>Triticum aestivum</i>	9	82470.0
<i>Tropaeolum majus</i>	2	15250.0
<i>Tropaeolum tuberosum</i>	2	9700.0
<i>Tulipa gesneriana</i>	1	
<i>Turnera diffusa</i>	3	2177.4
<i>Ullucus tuberosus</i>	2	3578.0
<i>Ulmus rubra</i>	3	416.5
<i>Urtica dioica</i>	8	1976.2
<i>Vaccinium corymbosum</i>	7	8016.0
<i>Vaccinium macrocarpon</i>	4	2453.3
<i>Vaccinium myrtillus</i>	3	3430.0
<i>Vaccinium vitis-idaea</i>	2	3730.026
<i>Valeriana officinalis</i>	6	152.4

Plants with Activity Synergy	Chemical Count	Total PPM
Valerianella locusta	4	49440.0
Verbascum thapsus	3	1747.5
Viburnum opulus	2	46.0
Vicia faba	8	404400.0
Vigna aconitifolia	5	31042.0
Vigna angularis	6	47300.0
Vigna mungo	3	948.0
Vigna radiata	7	113198.0
Vigna subterranea	1	40.0
Vigna unguiculata	7	131178.28
Viola tricolor	1	604.0
Viscum album	2	15000.0
Vitellaria paradoxa	2	
Vitis vinifera	8	14934.824
Xanthosoma sagittifolium	1	40.0
Yucca baccata	3	271.9
Zea mays	9	31150.4
Zingiber officinale	7	10918.0
Zizyphus jujuba	2	7870.0
Zizyphus spina-christi	2	742.0