

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

**List of Plants for Percutaneostimulant**

<b>Plants with Activity Synergy</b>	<b>Chemical Count</b>	<b>Total PPM</b>
Abelmoschus esculentus	2	203780.0
Abelmoschus moschatus	1	
Abrus precatorius	1	
Abutilon theophrasti	1	
Acacia farnesiana	1	
Acacia nilotica	1	
Achillea millefolium	1	
Acrocomia totai	1	
Actaea racemosa	1	
Aesculus hippocastanum	1	
Ageratum conyzoides	1	
Akebia quinata	1	
Aleurites fordii	1	180000.0
Aleurites moluccana	1	731160.0
Alisma plantago-aquatica	1	
Alliaria petiolata	1	30800.0
Allium cepa	2	8920.0
Allium sativum var. sativum	1	
Allium schoenoprasum	2	21000.0
Aloe vera	1	
Althaea officinalis	1	
Ammi majus	1	
Ammi visnaga	1	
Amphicarpaea bracteata	1	
Anacardium occidentale	2	1156009.0
Anamirta cocculus	1	
Ananas comosus	2	13778.0

Plants with Activity Synergy	Chemical Count	Total PPM
Anethum graveolens	1	202738.0
Angelica archangelica	1	
Angelica sinensis	1	
Annona cherimola	1	245000.0
Annona reticulata	1	
Apium graveolens	2	344890.0
Aquilegia vulgaris	1	32280.0
Arachis hypogaea	2	1007915.0
Aralia spinosa	1	
Arctium lappa	1	
Areca catechu	1	83520.0
Argemone mexicana	1	171600.0
Artemisia dracunculus	1	
Artocarpus altilis	1	
Asclepias syriaca	1	95400.0
Asimina triloba	1	49560.0
Asparagus officinalis	2	3354.0
Astrocaryum vulgare	1	
Azadirachta indica	1	476100.0
Bactris gasipaes	1	
Balanites aegyptiacus	1	270000.0
Benincasa hispida	2	37940.0
Bertholletia excelsa	2	816200.0
Beta vulgaris	2	8696.0
Bixa orellana	1	
Borago officinalis	2	
Brassica chinensis	1	5984.0

Plants with Activity Synergy	Chemical Count	Total PPM
Brassica napus var. napobrassica	2	9830.0
Brassica nigra	1	5890.0
Brassica oleracea	2	3120.0
Brassica oleracea var. botrytis l.	2	11356.0
Brassica oleracea var. capitata l.	1	3476.0
Brassica oleracea var. gemmifera	1	2714.0
Brassica oleracea var. italica	1	
Brassica oleracea var. sabellica l.	2	13000.0
Brassica oleracea var. viridis l.	1	
Brassica rapa	2	2960.0
Bryonia alba	1	
Bupleurum chinense	1	
Buxus sempervirens	1	
Cajanus cajan	2	1032.0
Calendula officinalis	1	146000.0
Calotropis sp.	1	380000.0
Camellia japonica	1	
Camellia sinensis	1	
Canarium indicum	1	581264.0
Cannabis sativa	1	107400.0
Capparis spinosa	1	335524.0
Capsicum annuum	1	7164.0
Capsicum frutescens	1	1796.0
Carapa guianensis	1	
Carica papaya	2	414826.0
Carthamus tinctorius	1	413160.0
Carum carvi	2	191296.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Carya illinoensis</i>	1	
<i>Cassia tora</i>	1	58608.0
<i>Catalpa bignonioides</i>	1	
<i>Caulophyllum thalictroides</i>	1	
<i>Ceiba pentandra</i>	1	
<i>Centaurea calcitrapa</i>	1	
<i>Centaurium erythraea</i>	1	
<i>Centella asiatica</i>	1	
<i>Ceratonia siliqua</i>	1	
<i>Chamaelirium luteum</i>	1	
<i>Cicer arietinum</i>	2	61130.0
<i>Cichorium endivia</i>	2	2576.0
<i>Cichorium intybus</i>	2	1216.0
<i>Cimicifuga racemosa</i>	1	
<i>Cinnamomum verum</i>	1	
<i>Citrullus colocynthis</i>	1	
<i>Citrullus lanatus</i>	1	378000.0
<i>Citrus aurantiifolia</i>	1	2720.0
<i>Citrus paradisi</i>	1	2640.0
<i>Citrus reticulata</i>	1	4836.0
<i>Citrus sinensis</i>	1	3020.0
<i>Cnicus benedictus</i>	1	372960.0
<i>Cocos nucifera</i>	2	117916.0
<i>Coffea arabica</i>	1	25600.0
<i>Colocasia esculenta</i>	2	18738.0
<i>Corchorus olitorius</i>	2	31990.0
<i>Coriandrum sativum</i>	1	335638.0

Plants with Activity Synergy	Chemical Count	Total PPM
Cornus mas	1	
Corylus avellana	1	1145300.0
Crescentia alata	1	
Crocus sativus	1	
Croton tiglium	1	370000.0
Cryptostegia grandifolia	1	83050.0
Cucumis melo	1	792000.0
Cucumis sativus	2	844530.0
Cucurbita foetidissima	1	
Cucurbita maxima	1	256130.0
Cucurbita pepo	2	702791.0
Cucurbita spp	2	9490.0
Cuminum cyminum	1	
Cyamopsis tetragonoloba	1	
Cydonia oblonga	1	
Cynara cardunculus	2	1320.0
Cyperus rotundus	1	
Datura metel	1	146000.0
Datura stramonium	1	372000.0
Daucus carota	2	462890.0
Dioscorea pentaphylla	2	860.0
Dipsacus fullonum	1	
Dipteryx odorata	1	29800.0
Dodonaea viscosa	1	90630.0
Echinacea angustifolia	1	
Elaeis guineensis	1	
Elaeis oleifera	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Elettaria cardamomum</i>	2	125200.0
<i>Eriobotrya japonica</i>	1	
<i>Eruca sativa</i>	1	
<i>Erythrina crista-galli</i>	1	170000.0
<i>Eucalyptus globulus</i>	1	
<i>Eucommia ulmoides</i>	1	
<i>Euphorbia hirta</i>	1	
<i>Euphorbia lathyris</i>	1	731000.0
<i>Fagopyrum esculentum</i>	1	26400.0
<i>Ferula assa-foetida</i>	1	
<i>Ficus carica</i>	2	131436.0
<i>Foeniculum vulgare</i>	1	217424.0
<i>Fragaria spp</i>	2	44386.0
<i>Fucus vesiculosus</i>	1	
<i>Ganoderma lucidum</i>	1	
<i>Ginkgo biloba</i>	2	22836.0
<i>Glycine max</i>	2	240532.0
<i>Gossypium sp</i>	1	122540.0
<i>Harpagophytum procumbens</i>	1	
<i>Hedera helix</i>	1	140400.0
<i>Helianthus annuus</i>	2	556000.0
<i>Hibiscus sabdariffa</i>	1	
<i>Hippophae rhamnoides</i>	1	
<i>Holarrhena pubescens</i>	1	126000.0
<i>Hordeum vulgare</i>	1	29150.0
<i>Houttuynia cordata</i>	1	
<i>Hydnocarpus kurzii</i>	1	146000.0

Plants with Activity Synergy	Chemical Count	Total PPM
Hydnocarpus wightiana	1	82220.0
Hyoscyamus niger	1	273856.0
Ipomoea batatas	2	1620.0
Isatis tinctoria	1	207360.0
Jatropha curcas	1	399360.0
Juglans cinerea	2	429898.0
Juglans nigra	2	
Juglans regia	2	420600.0
Juniperus communis	1	
Justicia adhatoda	1	257500.0
Lablab purpureus	1	15664.0
Lactuca sativa	2	7000.0
Lactuca scariola	1	260340.0
Lagenaria siceraria	1	194120.0
Laurus nobilis	1	
Lawsonia inermis	1	84720.0
Lens culinaris	2	21070.0
Lentinus edodes	1	
Leonotis nepetaefolia	1	490960.0
Lepidium meyenii	1	
Lepidium sativum	2	373910.0
Ligustrum japonicum	1	
Ligustrum lucidum	1	
Linum usitatissimum	1	240000.0
Luffa aegyptiaca	2	299600.0
Lupinus albus	2	167430.0
Lycopersicon esculentum	1	10248.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Lycopodium clavatum</i>	1	600000.0
<i>Macadamia spp</i>	2	2191780.0
<i>Maclura pomifera</i>	1	
<i>Magnolia kobus</i>	1	
<i>Malus domestica</i>	2	3612.0
<i>Mangifera indica</i>	2	16944.0
<i>Manihot esculenta</i>	2	13200.0
<i>Matricaria recutita</i>	1	
<i>Medicago sativa</i>	1	
<i>Mentha spicata</i>	2	
<i>Mentha x piperita</i>	2	
<i>Mimosa pudica</i>	1	105400.0
<i>Momordica charantia</i>	1	154752.0
<i>Monarda punctata</i>	1	
<i>Morinda citrifolia</i>	1	
<i>Moringa oleifera</i>	1	
<i>Morus alba</i>	1	
<i>Mucuna pruriens</i>	1	22800.0
<i>Murraya sp</i>	1	
<i>Musa x paradisiaca</i>	2	5284.0
<i>Myristica fragrans</i>	1	352000.0
<i>Myrrhis odorata</i>	1	
<i>Myrtus communis</i>	1	
<i>Nelumbo nucifera</i>	2	13312.0
<i>Nepeta cataria</i>	1	
<i>Nerium oleander</i>	1	
<i>Nicotiana tabacum</i>	1	245000.0



Plants with Activity Synergy	Chemical Count	Total PPM
<i>Nigella sativa</i>	1	369824.0
<i>Ocimum basilicum</i>	1	
<i>Ocimum sanctum</i>	1	
<i>Ocimum tenuiflorum</i>	1	
<i>Oenothera biennis</i>	1	100000.0
<i>Olea europaea</i>	1	652800.0
<i>Opuntia ficus-indica</i>	1	32030.0
<i>Origanum majorana</i>	1	16000.0
<i>Origanum vulgare</i>	1	10986.0
<i>Oryza sativa</i>	1	16200.0
<i>Pachira aquatica</i>	1	498800.0
<i>Pachyrhizus erosus</i>	1	
<i>Panax ginseng</i>	1	
<i>Panax quinquefolius</i>	1	
<i>Papaver bracteatum</i>	1	88320.0
<i>Papaver somniferum</i>	1	143744.0
<i>Passiflora edulis</i>	1	
<i>Passiflora incarnata</i>	1	
<i>Pastinaca sativa</i>	2	326940.0
<i>Perilla frutescens</i>	1	
<i>Persea americana</i>	2	2129200.0
<i>Petasites hybridus</i>	1	
<i>Petroselinum crispum</i>	1	106000.0
<i>Phaseolus lunatus</i>	2	6720.0
<i>Phaseolus vulgaris</i>	2	24154.0
<i>Phoenix dactylifera</i>	1	102000.0
<i>Phyllanthus emblica</i>	1	90880.0

Plants with Activity Synergy	Chemical Count	Total PPM
Physalis peruviana	1	53420.0
Physostigma venenosum	1	
Pimpinella anisum	1	
Pinellia ternata	1	
Pinus edulis	2	
Pinus gerardiana	1	
Pinus pinea	2	
Pinus walliciana	1	
Piper nigrum	1	30618.0
Pistacia vera	2	1459182.0
Pisum sativum	2	14932.0
Plantago asiatica	1	
Plantago major	1	148000.0
Plantago ovata	1	38940.0
Plantago psyllium	1	7056.0
Portulaca oleracea	1	104190.0
Prosopis glandulosa	1	
Prunus armeniaca	2	827380.0
Prunus cerasus	1	406864.0
Prunus domestica	2	722118.0
Prunus dulcis	2	826237.0
Prunus laurocerasus	1	44040.0
Prunus persica	2	11020.0
Psidium cattleianum	2	11070.0
Psidium guajava	2	71198.0
Psophocarpus tetragonolobus	2	325586.0
Punica granatum	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Pyrus communis	2	20382.0
Quisqualis indica	1	260280.0
Raphanus sativus	2	12790.0
Rheum officinale	1	
Rhus toxicodendron	1	
Ribes nigrum	1	6204.0
Ribes rubrum	1	3488.0
Ribes uva-crispa	1	8408.0
Ricinus communis	1	
Robinia pseudoacacia	1	66500.0
Rosa canina	1	
Rosa rubiginosa	1	
Rosmarinus officinalis	2	
Rubus idaeus	2	
Ruta graveolens	1	
Salvia officinalis	1	71000.0
Salvia sclarea	1	138012.0
Salvia sp.	1	
Sambucus canadensis	1	25600.0
Sambucus nigra	1	
Santalum acuminatum	1	
Santalum album	1	
Sassafras albidum	1	
Satureja hortensis	1	100800.0
Schoenocaulon officinale	1	
Sclerocarya caffra	1	840000.0
Secale cereale	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Senna obtusifolia	1	27770.0
Senna occidentalis	1	15964.0
Serenoa repens	1	
Sesamum indicum	1	569088.0
Silybum marianum	1	
Simarouba glauca	1	776800.0
Sinapis alba	1	130712.0
Skimmia arborescens	1	
Smilax china	1	
Solanum melongena	2	4286.0
Solanum nigrum	1	213710.0
Solanum tuberosum	2	286.0
Sophora japonica	1	53960.0
Spartium junceum	1	
Spinacia oleracea	1	950.0
Stellaria media	1	
Sterculia urens	1	346268.0
Strophanthus gratus	1	180000.0
Strychnos nux-vomica	1	62000.0
Swertia chirata	1	
Tagetes minuta	1	
Tamarindus indica	2	50812.0
Taraxacum officinale	1	
Terminalia bellirica	1	
Terminalia catappa	1	490000.0
Terminalia chebula	1	426000.0
Terminalia pallida	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Tetragonia tetragonioides	2	2670.0
Teucrium polium	1	
Theobroma angustifolium	1	
Theobroma bicolor	1	
Theobroma cacao	1	444100.0
Thespesia populnea	1	
Thevetia neriifolia	1	
Thevetia peruviana	1	
Thuja occidentalis	1	
Thymus vulgaris	1	10152.0
Tilia sp.	1	
Tribulus terrestris	1	
Trichosanthes anguina	1	215070.0
Trichosanthes kirilowii	1	
Trifolium pratense	1	
Trigonella foenum-graecum	1	
Triticum aestivum	1	
Urtica dioica	1	46230.0
Valeriana jatamansi	1	
Valeriana officinalis	1	
Vanilla planifolia	1	
Verbascum thapsus	1	
Vernonia cinerea	1	
Viburnum opulus	1	
Viburnum prunifolium	1	
Vicia faba	2	3580.0
Vigna aconitifolia	2	5712.0

Plants with Activity Synergy	Chemical Count	Total PPM
Vigna mungo	1	10400.0
Vigna radiata	2	16324.0
Vigna unguiculata	2	21212.0
Virola surinamensis	1	
Vitellaria paradoxa	1	
Vitis vinifera	2	152732.0
Zea mays	1	28870.0
Zingiber officinale	2	38800.0