

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

**List of Plants for Antibronchitic**

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Abies sachalinensis</i>	1	7560.0
<i>Abrus precatorius</i>	1	
<i>Acacia tortilis</i>	1	
<i>Acacia nilotica</i>	1	
<i>Acacia farnesiana</i>	2	
<i>Acacia decurrens</i>	1	
<i>Acacia catechu</i>	1	
<i>Achillea moschata</i>	1	3708.0
<i>Achillea millefolium</i>	5	3190.0
<i>Acinos suaveolens</i>	4	
<i>Acinos alpinus</i>	1	
<i>Aconitum napellus</i>	1	
<i>Acorus calamus</i>	3	200.0
<i>Actaea racemosa</i>	1	
<i>Actinidia chinensis</i>	1	
<i>Aesculus hippocastanum</i>	2	
<i>Aframomum melegueta</i>	1	
<i>Ageratum conyzoides</i>	1	
<i>Ailanthus altissima</i>	1	
<i>Aleurites fordii</i>	1	
<i>Aloysia citrodora</i>	2	840.0
<i>Alpinia officinarum</i>	1	
<i>Alpinia galanga</i>	2	
<i>Amomum xanthioides</i>	1	
<i>Amomum compactum</i>	2	
<i>Anacardium occidentale</i>	2	
<i>Ananas comosus</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Angelica sinensis	1	
Angelica archangelica	1	
Annona squamosa	1	
Anogeissus latifolia	1	
Apium graveolens	1	
Apocynum androsaemifolium	1	
Arbutus unedo	1	
Arctostaphylos uva-ursi	1	
Ardisia japonica	1	
Areca catechu	1	
Aristolochia serpentaria	1	
Arnica montana	2	
Artemisia vulgaris	2	
Artemisia salsoloides	2	
Artemisia herba-alba	3	638.0
Artemisia dracuncululus	3	2000.0
Artemisia cina	1	48000.0
Artemisia annua	4	13200.0
Aspalathus linearis	1	
Asparagus officinalis	1	512.0
Ballota nigra	1	
Bertholletia excelsa	1	
Brassica oleracea var. capitata l.	1	
Caesalpinia pulcherrima	1	
Calamintha nepeta	4	
Callicarpa americana	2	
Camellia sinensis	4	8.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Camptotheca acuminata</i>	1	
<i>Cannabis sativa</i>	1	
<i>Capparis spinosa</i>	1	
<i>Capsicum frutescens</i>	3	48.0
<i>Capsicum annuum</i>	2	1048.0
<i>Carum carvi</i>	1	
<i>Castanea sativa</i>	1	
<i>Catha edulis</i>	1	
<i>Cedrus libani</i>	1	
<i>Ceratonia siliqua</i>	2	
<i>Chamaemelum nobile</i>	2	
<i>Chamaesyce hypericifolia</i>	1	
<i>Chelidonium majus</i>	1	
<i>Chrysanthemum x morifolium</i>	3	
<i>Chrysanthemum parthenium</i>	3	
<i>Chrysanthemum balsamita</i>	2	
<i>Cimicifuga racemosa</i>	1	
<i>Cinnamomum verum</i>	2	1616.0
<i>Cinnamomum camphora</i>	2	6868.0
<i>Cinnamomum aromaticum</i>	1	
<i>Cistus ladaniferus</i>	1	3360.0
<i>Citrus sinensis</i>	1	
<i>Citrus reticulata</i>	2	172.1
<i>Citrus aurantium</i>	1	2.0
<i>Citrus aurantiifolia</i>	2	260.0
<i>Cleonia lusitanica</i>	2	
<i>Cocos nucifera</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Coffea arabica</i>	1	
<i>Coleus forskohlii</i>	1	9260.0
<i>Coleus barbatus</i>	1	9260.0
<i>Conyza canadensis</i>	1	
<i>Coriandrum sativum</i>	2	108.0
<i>Coriaria thymifolia</i>	1	
<i>Coriaria myrtifolia</i>	1	
<i>Coridothymus capitatus</i>	2	
<i>Cornus officinalis</i>	1	
<i>Cornus mas</i>	1	
<i>Cornus florida</i>	1	
<i>Corylus americana</i>	1	
<i>Costus speciosus</i>	1	
<i>Crocus sativus</i>	2	
<i>Croton lechleri</i>	1	
<i>Croton eluteria</i>	1	
<i>Cuminum cyminum</i>	1	276.0
<i>Cunila origanoides</i>	2	21308.0
<i>Curcuma zedoaria</i>	2	5840.0
<i>Curcuma xanthorrhiza</i>	2	20000.0
<i>Curcuma longa</i>	3	105183.0
<i>Cuscuta reflexa</i>	1	
<i>Cuscuta europaea</i>	1	
<i>Cyamopsis tetragonoloba</i>	1	
<i>Cymbopogon nardus</i>	1	
<i>Cymbopogon flexuosus</i>	1	3000.0
<i>Cymbopogon citratus</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Cyperus rotundus	1	
Cypripedium pubescens	1	
Daucus carota	1	
Digitalis purpurea	1	
Diospyros virginiana	1	
Dracocephalum thymiflora	1	268.0
Echinacea spp	1	
Echinacea purpurea	1	
Echinacea pallida	1	
Echinacea angustifolia	1	
Elaeagnus umbellatus	1	
Elaeagnus angustifolia	1	
Elettaria cardamomum	2	128000.0
Eleutherococcus senticosus	1	
Elsholtzia polystachya	2	
Elsholtzia pilosa	2	
Elsholtzia densa	1	
Elsholtzia cristata	1	
Elsholtzia blanda	2	
Elytrigia repens	2	
Ephedra sinica	3	45000.0
Ephedra nevadensis	1	
Ephedra gerardiana	2	14000.0
Equisetum arvense	1	
Eucalyptus viridis	2	
Eucalyptus tetraptera	1	
Eucalyptus tereticornis	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Eucalyptus stoatei	1	
Eucalyptus sparsa	2	
Eucalyptus sp	1	
Eucalyptus sideroxylon	2	
Eucalyptus siderophloia	2	
Eucalyptus saligna	2	
Eucalyptus punctata	2	
Eucalyptus porosa	2	
Eucalyptus populnea	2	
Eucalyptus polyanthemos	2	
Eucalyptus paniculata	2	
Eucalyptus oviformis	2	
Eucalyptus odorata	2	
Eucalyptus ochrophloia	2	
Eucalyptus occidentalis	2	
Eucalyptus nova-anglica	1	
Eucalyptus moluccana	2	
Eucalyptus melliodora	2	
Eucalyptus melanophloia	2	
Eucalyptus maideni	2	
Eucalyptus maculata	2	
Eucalyptus leucoxydon	2	
Eucalyptus largisparsa	2	
Eucalyptus lansdowneana	2	
Eucalyptus intertexta	2	
Eucalyptus incrassata	1	
Eucalyptus globulus	3	63000.0

Plants with Activity Synergy	Chemical Count	Total PPM
Eucalyptus forrestiana	1	
Eucalyptus fasciculosa	2	
Eucalyptus erythrandra	1	
Eucalyptus dolichorhyncha	1	
Eucalyptus diversicolor	2	
Eucalyptus desquamata	2	
Eucalyptus dealbata	2	
Eucalyptus cuprea	2	
Eucalyptus cladocalyx	2	
Eucalyptus citriodora	2	7160.0
Eucalyptus ceratocorys	1	
Eucalyptus camaldulensis	2	
Eucalyptus bridgesiana	2	
Eucalyptus brassiana	2	
Eucalyptus botryoides	2	
Eucalyptus bosistoana	2	
Eucalyptus blakelyi	2	
Eucalyptus behriana	2	
Eucalyptus astringens	2	
Eucalyptus angulosa	1	
Eucalyptus albens	2	
Eupatorium triplinerve	1	
Eupatorium perfoliatum	1	
Euphorbia hirta	1	
Euphrasia officinalis	1	
Fagopyrum esculentum	1	84.0
Ferula gummosa	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Ficus carica	1	
Foeniculum vulgare	2	600.0
Fragaria spp	1	242.0
Frangula alnus	1	400.0
Fraxinus rhynchophylla	1	
Fraxinus ornus	1	
Gardenia jasminoides	1	
Gaultheria procumbens	1	
Geranium thunbergii	1	
Geranium maculatum	1	
Ginkgo biloba	2	
Glaucium flavum	1	
Glechoma hederacea	3	84.0
Glycine max	2	5.8
Glycyrrhiza glabra	1	
Grindelia squarrosa	1	
Hamamelis virginiana	1	108800.0
Hedeoma reverchonii	2	5950.0
Hedeoma pulegioides	2	120.0
Hedeoma hispida	1	428.0
Hedeoma drummondii	3	12304.0
Helianthus annuus	3	68000.0
Hibiscus sabdariffa	2	
Houttuynia cordata	2	
Hypericum perforatum	2	
Hyptis suaveolens	4	9110.0
Hyssopus officinalis	3	1234.0



Plants with Activity Synergy	Chemical Count	Total PPM
<i>Ilex paraguariensis</i>	1	1000.0
<i>Illicium verum</i>	1	7000.0
<i>Ipomoea batatas</i>	1	242.0
<i>Ipomoea aquatica</i>	1	2360.0
<i>Isanthus brachiatus</i>	1	
<i>Juglans regia</i>	1	
<i>Juglans nigra</i>	1	
<i>Juniperus sabina</i>	2	
<i>Juniperus communis</i>	3	44.0
<i>Kaempferia galanga</i>	1	
<i>Lactuca virosa</i>	1	
<i>Lagerstroemia indica</i>	2	
<i>Lantana camara</i>	1	
<i>Larrea tridentata</i>	1	
<i>Laurus nobilis</i>	2	39800.0
<i>Lavandula x intermedia</i>	2	2880.0
<i>Lavandula x hybrida</i>	2	
<i>Lavandula latifolia</i>	2	8386.0
<i>Lavandula angustifolia</i>	2	
<i>Lawsonia inermis</i>	2	
<i>Lens culinaris</i>	1	40.0
<i>Leonotis leonurus</i>	1	
<i>Lepechinia calycina</i>	1	1970.0
<i>Levisticum officinale</i>	3	
<i>Lindera benzoin</i>	2	
<i>Linum usitatissimum</i>	1	94.0
<i>Lippia graveolens</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Lippia alba	1	
Liquidambar styraciflua	1	
Litsea glaucescens	1	
Lobelia tupa	1	
Lobelia inflata	1	45000.0
Lycopersicon esculentum	1	
Lycopus virginicus	2	36.0
Magnolia denudata	1	
Malus domestica	1	
Mangifera indica	1	180000.0
Marrubium vulgare	1	
Matricaria recutita	1	
Medicago sativa	1	
Melaleuca sp	1	
Melaleuca leucadendra	1	
Melaleuca cajuputi	1	
Melaleuca alternifolia	1	
Melilotus officinalis	1	
Melissa officinalis	1	
Mentha x rotundifolia	1	160.0
Mentha x piperita	2	31140.0
Mentha spicata	4	19900.0
Mentha sp	1	
Mentha pulegium	3	7600.0
Mentha longifolia	4	25310.0
Mentha arvensis var. piperascens	2	50035.0
Mentha aquatica	2	7140.0

Plants with Activity Synergy	Chemical Count	Total PPM
Micromeria varia	1	
Micromeria thymifolia	2	
Micromeria teneriffae	2	
Micromeria myrtifolia	2	
Micromeria juliana	1	
Micromeria fruticosa	4	
Micromeria croatica	1	
Micromeria congesta	2	
Minthostachys mollis	1	
Moldavica thymiflora	1	
Monarda russeliana	2	4154.0
Monarda punctata	2	68994.0
Monarda media	2	5286.0
Monarda lindheimeri	1	956.0
Monarda fistulosa	2	51712.0
Monarda didyma	3	5878.0
Monarda clinopodia	1	2766.0
Monarda citriodora	2	17902.0
Moringa oleifera	1	
Mucuna pruriens	1	
Musa x paradisiaca	1	22.0
Myrica cerifera	1	
Myristica fragrans	1	9120.0
Myrtus communis	3	4130.0
Nepeta racemosa	2	
Nepeta cataria	1	
Nicotiana tabacum	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Nigella sativa	3	
Ocimum tenuiflorum	2	
Ocimum kilimandscharicum	1	
Ocimum gratissimum	3	
Ocimum canum	1	
Ocimum basilicum	4	3805.0
Oenothera biennis	1	
Olea europaea	1	
Ononis spinosa	2	
Opuntia ficus-indica	1	5.0
Origanum vulgare	4	10696.0
Origanum syriacum	2	
Origanum sipyleum	3	
Origanum onites	3	848.0
Origanum minutiflorum	2	
Origanum majorana	1	
Paeonia lactiflora	2	
Panicum maximum	1	
Papaver somniferum	1	
Paullinia cupana	1	3070.0
Pelargonium graveolens	1	3704.0
Petroselinum crispum	1	
Peumus boldus	2	80000.0
Phyllanthus emblica	1	100000.0
Phyllanthus amarus	1	
Picrorhiza kurrooa	1	
Pimenta racemosa	1	1360.0

Plants with Activity Synergy	Chemical Count	Total PPM
Pimenta dioica	1	102.0
Pinus walliciana	1	
Pinus sylvestris	2	
Pinus elliottii	1	
Piper nigrum	2	
Piper cubeba	1	2800.0
Piper auritum	2	
Pisum sativum	1	44.0
Plectranthus coleoides	1	
Plectranthus barbatus	1	
Podophyllum peltatum	1	
Polygonum multiflorum	1	
Polygonum hydropiperoides	1	
Polygonum hydropiper	1	
Populus nigra	1	
Portulaca oleracea	1	4618.0
Prunella vulgaris	1	
Prunus serotina	1	
Prunus persica	1	
Prunus cerasus	1	
Psidium guajava	1	
Pterocarpus santalinus	1	
Pterocarpus marsupium	1	
Punica granatum	2	80000.0
Pycnanthemum virginianum	3	6902.0
Pycnanthemum verticillatum	1	84.0
Pycnanthemum torreyi	1	20.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Pycnanthemum tenuifolium</i>	3	3880.0
<i>Pycnanthemum setosum</i>	3	14694.0
<i>Pycnanthemum pycnanthemoides</i>	2	464.0
<i>Pycnanthemum pilosum</i>	2	2940.0
<i>Pycnanthemum nudum</i>	1	46696.0
<i>Pycnanthemum muticum</i>	3	3700.0
<i>Pycnanthemum montanum</i>	3	1552.0
<i>Pycnanthemum loomisii</i>	1	52080.0
<i>Pycnanthemum incanum</i>	3	1862.0
<i>Pycnanthemum clinopodioides</i>	2	528.0
<i>Pycnanthemum californicum</i>	1	1152.0
<i>Pycnanthemum beadleii</i>	3	420.0
<i>Pycnanthemum albescens</i>	1	540.0
<i>Quassia amara</i>	1	
<i>Quercus rubra</i>	1	
<i>Quercus robur</i>	1	
<i>Quercus infectoria</i>	1	80000.0
<i>Quercus alba</i>	1	
<i>Ravensara aromatica</i>	1	
<i>Rheum rhabarbarum</i>	1	106.0
<i>Rheum palmatum</i>	2	
<i>Rheum officinale</i>	1	
<i>Rhododendron dauricum</i>	2	
<i>Rhus coriaria</i>	1	
<i>Rhynchosia minima</i>	1	
<i>Ribes uva-crispa</i>	1	112.0
<i>Ribes nigrum</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Ricinus communis	1	
Rosa multiflora	2	
Rosa gallica	1	
Rosa centifolia	1	
Rosa canina	1	
Rosmarinus x mendizabali	2	
Rosmarinus x lavandulaceus	2	
Rosmarinus tomentosus	2	
Rosmarinus officinalis	3	24724.0
Rosmarinus eriocalyx	2	
Rubus idaeus	2	
Salvia triloba	1	37200.0
Salvia sclarea	1	
Salvia officinalis	5	26576.0
Salvia dorisiana	1	
Salvia canariensis	2	
Sanguisorba minor	1	
Santalum album	1	
Sassafras albidum	1	
Satureja thymbra	2	
Satureja subspicata	3	
Satureja parvifolia	2	
Satureja odora	2	
Satureja obovata	1	
Satureja montana	4	15502.0
Satureja hortensis	3	
Satureja grandiflora	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Satureja douglasii	3	2288.0
Satureja cuneifolia	3	
Satureja cilicica	2	
Schinus molle	1	
Sida rhombifolia	1	
Sideritis scardica	2	
Sideritis pauli	1	
Sideritis mugronensis	1	
Sideritis germanicolpitana	1	
Sideritis athoa	2	
Solanum tuberosum	2	35200.0
Solanum nigrum	1	80.0
Solanum melongena	1	
Sophora pachycarpa	1	
Sorbus aucubaria	2	
Stachys germanica	1	96.0
Stevia rebaudiana	2	
Syzygium cumini	1	
Syzygium aromaticum	1	
Tagetes minuta	1	250.0
Tagetes lucida	2	
Tagetes erecta	1	86.0
Tanacetum vulgare	2	2600.0
Tanacetum parthenium	3	
Taxus sp	1	
Taxus baccata	3	
Telosma cordata	1	



Plants with Activity Synergy	Chemical Count	Total PPM
<i>Terminalia pallida</i>	1	
<i>Terminalia chebula</i>	1	
<i>Terminalia catappa</i>	1	
<i>Terminalia bellirica</i>	1	
<i>Terminalia arjuna</i>	1	
<i>Teucrium scorodonia</i>	3	
<i>Teucrium salviastrum</i>	3	
<i>Teucrium pseudoscorodonia</i>	3	
<i>Teucrium polium</i>	3	
<i>Teucrium oxylepis</i>	3	
<i>Teucrium micropodioides</i>	3	
<i>Teucrium kotschyanum</i>	3	
<i>Teucrium gnaphalodes</i>	2	
<i>Teucrium divaricatum</i>	3	
<i>Teucrium cyprum</i>	3	
<i>Teucrium asiaticum</i>	3	
<i>Teucrium arduini</i>	1	
<i>Theobroma cacao</i>	1	
<i>Theobroma bicolor</i>	1	
<i>Theobroma angustifolium</i>	1	
<i>Thuja occidentalis</i>	1	
<i>Thymus zygis</i>	3	
<i>Thymus x citriodorus</i>	3	
<i>Thymus vulgaris</i>	3	51124.0
<i>Thymus serpyllum</i>	3	1336.0
<i>Thymus saturejoides</i>	2	
<i>Thymus riatarum</i>	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Thymus orospedanus	2	4306.0
Thymus mastichina	3	16080.0
Thymus longicaulis	2	
Thymus funkii	3	
Thymus cilicicus	1	
Thymus capitatus	3	2680.0
Thymus broussonettii	2	
Tilia sp.	1	
Trachyspermum ammi	1	52400.0
Triticum aestivum	1	3794.0
Turnera diffusa	2	2200.0
Tussilago farfara	1	
Umbellularia californica	2	21360.0
Uncaria catechu	1	
Urginea maritima	1	
Urtica dioica	1	
Vaccinium vitis-idaea	1	
Vaccinium myrtillus	1	
Vaccinium corymbosum	3	
Valeriana officinalis	3	
Vetiveria zizanioides	1	
Viola tricolor	1	604.0
Vitex agnus-castus	1	
Vitis vinifera	1	
Zea mays	4	
Zingiber officinale	3	5490.0