

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

**List of Plants for Phagocytotic**

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Abutilon theophrasti</i>	1	
<i>Acacia nilotica</i>	3	
<i>Acacia farnesiana</i>	2	1292.0
<i>Acacia decurrens</i>	3	
<i>Achillea millefolium</i>	3	
<i>Achyranthes bidentata</i>	1	
<i>Achyranthes aspera</i>	1	
<i>Actaea racemosa</i>	1	
<i>Actaea dahurica</i>	1	
<i>Actaea cimicifuga</i>	1	
<i>Actinidia chinensis</i>	1	12.0
<i>Aegle marmelos</i>	1	
<i>Aesculus hippocastanum</i>	1	
<i>Agastache rugosa</i>	1	
<i>Ageratum conyzoides</i>	1	
<i>Aglaonema commutatum</i>	1	
<i>Agrimonia eupatoria</i>	2	
<i>Ajuga iva</i>	1	
<i>Akebia quinata</i>	1	
<i>Albizia lebbbeck</i>	1	
<i>Aleurites moluccana</i>	1	
<i>Alliaria petiolata</i>	1	
<i>Allium schoenoprasum</i>	2	950.0
<i>Allium sativum</i> var. <i>sativum</i>	5	105818.34
<i>Allium cepa</i>	6	35556.0
<i>Allium ampeloprasum</i>	3	765.6
<i>Alocasia macrorrhiza</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Aloe vera	2	6.0
Aloe spp.	1	
Alpinia galanga	1	216.0
Althaea officinalis	5	
Amaranthus spinosus	1	
Amaranthus sp.	1	1016.0
Ammi visnaga	1	
Amorphophallus konjac	1	
Amorphophallus campanulatus	1	13.6
Anacardium occidentale	1	147.2
Ananas comosus	2	1526.0
Anemarrhena asphodeloides	1	
Anethum graveolens	1	
Angelica sinensis	2	13.299999999999999
Annona squamosa	1	0.4
Annona reticulata	1	0.4
Annona muricata	1	1.2
Annona glabra	1	
Annona diversifolia	1	
Annona cherimola	1	0.4
Apium graveolens	4	288.0
Apocynum cannabinum	1	
Arachis hypogaea	3	818.68
Arctium lappa	1	49.5
Arctostaphylos uva-ursi	5	344.0
Areca catechu	1	
Aristolochia debilis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Armoracia rusticana</i>	2	
<i>Arracacia xanthorrhiza</i>	1	7.6
<i>Artemisia vulgaris</i>	2	336.0
<i>Artemisia dracunculus</i>	4	244.0
<i>Artemisia capillaris</i>	1	
<i>Artemisia annua</i>	2	
<i>Artemisia absinthium</i>	2	1000.0
<i>Artocarpus heterophyllus</i>	1	16.0
<i>Artocarpus altilis</i>	1	
<i>Asarum canadense</i>	1	
<i>Asimina triloba</i>	1	5.0
<i>Aspalathus linearis</i>	3	
<i>Asparagus officinalis</i>	1	240.0
<i>Astragalus membranaceus</i>	3	
<i>Astragalus gummifer</i>	1	
<i>Avena sativa</i>	2	147.0
<i>Averrhoa carambola</i>	1	
<i>Averrhoa bilimbi</i>	1	
<i>Bactris gasipaes</i>	1	
<i>Ballota nigra</i>	1	
<i>Basella alba</i>	2	1390.0
<i>Benincasa hispida</i>	1	5.0
<i>Berberis vulgaris</i>	1	
<i>Bertholletia excelsa</i>	1	
<i>Beta vulgaris</i>	2	876.0
<i>Bixa orellana</i>	1	119.0
<i>Blighia sapida</i>	1	36.0

Plants with Activity Synergy	Chemical Count	Total PPM
Boehmeria nivea	1	806.0
Borago officinalis	1	720.0
Brassica rapa	1	
Brassica pekinensis	1	12.0
Brassica oleracea var. viridis l.	2	656.0
Brassica oleracea var. sabellica l.	2	690.0
Brassica oleracea var. italica	3	
Brassica oleracea var. gemmifera	2	102.0
Brassica oleracea var. capitata l.	5	64.0
Brassica oleracea var. botrytis l.	3	960.0
Brassica oleracea	1	5.34
Brassica nigra	4	950.0
Brassica napus var. napobrassica	1	
Brassica juncea	1	
Brassica chinensis	1	770.0
Bromelia pinguin	1	3.4
Brosimum alicastrum	1	
Bupleurum chinense	1	
Byrsonima crassifolia	1	
Cajanus cajan	1	17.2
Calathea macrosepala	1	
Calendula officinalis	2	
Camellia sinensis	2	26068.0
Canavalia ensiformis	1	4.8000000000000001
Canna indica	1	0.6
Cannabis sativa	1	0.12
Capparis spinosa	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Capsella bursa-pastoris	3	44.0
Capsicum frutescens	2	76.0
Capsicum annuum	1	557.0
Carica pentagona	1	
Carica papaya	1	1028.0
Carthamus tinctorius	1	
Carum carvi	1	4.0
Carya illinoensis	1	1.66
Casimiroa edulis	1	
Catalpa ovata	1	
Catalpa bignonioides	1	
Catha edulis	1	36.0
Catharanthus roseus	2	
Caulophyllum thalictroides	1	48.0
Celosia cristata	1	
Centaurea cyanus	2	
Centaurium erythraea	3	
Centella asiatica	1	984.0
Ceratonia siliqua	2	
Chamaemelum nobile	2	4.4
Chenopodium quinoa	1	
Chenopodium ambrosioides	2	330.0
Chenopodium album	3	632.0
Chimaphila umbellata	1	
Chondrus crispus	1	110.0
Chrysanthemum parthenium	1	28.0
Chrysanthemum coronarium	1	3336.0

Plants with Activity Synergy	Chemical Count	Total PPM
Chrysobalanus icaco	1	
Chrysophyllum cainito	1	
Cicer arietinum	1	1.0
Cichorium intybus	5	456.0
Cichorium endivia	1	482.0
Cimicifuga racemosa	1	26.4
Cimicifuga dahurica	1	
Cinchona pubescens	1	
Cinnamomum verum	2	4.0
Cinnamomum sieboldii	1	
Cinnamomum aromaticum	3	4.0
Citrullus lanatus	1	96.0
Citrullus colocynthis	2	
Citrus sinensis	2	105.0
Citrus reticulata	2	88.0
Citrus paradisi	2	79.0
Citrus limon	2	84.0
Citrus aurantium	2	54.0
Citrus aurantiifolia	1	4.0
Cnicus benedictus	4	146.3
Cnidioscolus chayamansa	1	850.0
Coccinia grandis	1	
Cocos nucifera	1	
Coffea arabica	1	50.0
Coix lacryma-jobi	2	
Cola acuminata	1	2.0
Colocasia esculenta	1	597.6

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Commiphora wightii</i>	1	
<i>Convallaria majalis</i>	1	
<i>Coptis</i> spp	1	
<i>Coptis japonica</i>	1	
<i>Coptis chinensis</i>	1	
<i>Corchorus olitorius</i>	1	990.0
<i>Coriandrum sativum</i>	3	2334.0
<i>Cornus officinalis</i>	1	
<i>Corylus avellana</i>	1	0.8
<i>Corylus americana</i>	1	
<i>Crataegus rhipidophylla</i>	2	
<i>Crataegus monogyna</i>	2	
<i>Crataegus laevigata</i>	3	10.4
<i>Crescentia alata</i>	1	0.4
<i>Crocus sativus</i>	2	
<i>Croton lechleri</i>	1	
<i>Cucumis sativus</i>	2	16.0
<i>Cucumis melo</i>	2	402.0
<i>Cucurbita</i> spp	1	3.8
<i>Cucurbita pepo</i>	2	713.0
<i>Cuminum cyminum</i>	1	16.0
<i>Curcuma longa</i>	4	13294.0
<i>Cyamopsis tetragonoloba</i>	2	
<i>Cycas revoluta</i>	1	
<i>Cyclanthera pedata</i>	1	164.0
<i>Cydonia oblonga</i>	2	32.0
<i>Cynara cardunculus</i>	2	40.0

Plants with Activity Synergy	Chemical Count	Total PPM
Cyperus rotundus	1	
Cyphomandra betacea	1	64.0
Cyrtosperma chamissonis	1	0.4
Daemonorops draco	1	
Datura stramonium	1	
Daucus carota	3	1346.0
Digitalis purpurea	1	
Dionaea muscipula	1	
Dioscorea villosa	1	
Dioscorea sp.	1	38.0
Dioscorea pentaphylla	1	
Dioscorea alata	2	0.4
Diospyros digyna	1	
Dipteryx odorata	2	70000.0
Dryopteris filix-mas	1	
Durio zibethinus	1	
Echinacea spp	5	105604.4
Echinacea purpurea	4	
Echinacea pallida	2	
Echinacea angustifolia	2	
Elaeagnus umbellatus	1	
Elaeagnus pungens	1	
Elaeagnus commutata	1	
Elaeagnus angustifolia	2	
Elaeis guineensis	1	
Eleocharis dulcis	1	
Eleutherococcus senticosus	4	



Plants with Activity Synergy	Chemical Count	Total PPM
<i>Ephedra sinica</i>	1	74.3
<i>Equisetum hyemale</i>	1	
<i>Equisetum arvense</i>	3	99.0
<i>Eriobotrya japonica</i>	2	136.0
<i>Eriodictyon californicum</i>	1	
<i>Erythrina fusca</i>	1	250.0
<i>Erythrina berteroana</i>	1	28.0
<i>Erythroxyllum coca</i>	1	14.0
<i>Eucalyptus grandis</i>	1	
<i>Eucalyptus globulus</i>	4	
<i>Eucalyptus citriodora</i>	1	
<i>Eucommia ulmoides</i>	1	
<i>Eugenia uniflora</i>	1	
<i>Eugenia floribunda</i>	1	
<i>Eugenia brasiliensis</i>	1	
<i>Eupatorium triplinerve</i>	1	
<i>Eupatorium perfoliatum</i>	2	
<i>Euphorbia lathyris</i>	1	
<i>Euphorbia hirta</i>	1	
<i>Euphrasia officinalis</i>	2	146.2
<i>Fagopyrum esculentum</i>	2	
<i>Fallopia japonica</i>	2	
<i>Ferula assa-foetida</i>	1	
<i>Ferula alliacea</i>	1	
<i>Ficus carica</i>	3	32.0
<i>Filipendula ulmaria</i>	1	
<i>Foeniculum vulgare</i>	3	484.0

Plants with Activity Synergy	Chemical Count	Total PPM
Forsythia suspensa	1	
Fragaria spp	2	14.0
Frangula purshiana	1	91.0
Frangula alnus	1	
Fucus vesiculosus	1	79.6
Galium odoratum	1	26000.0
Garcinia mangostana	1	
Gaultheria procumbens	1	
Gentiana lutea	2	
Geranium thunbergii	2	
Ginkgo biloba	3	8.0
Glechoma hederacea	2	720.0
Gleditsia triacanthos	1	
Gliricidia sepium	1	10.0
Glycine max	5	74.0
Glycyrrhiza glabra	2	10.0
Gymnema sylvestre	1	
Hamelia patens	2	
Harpagophytum procumbens	2	
Hedera helix	1	
Helianthus tuberosus	1	12.0
Helianthus annuus	3	6.6
Hibiscus sabdariffa	2	1140.0
Hibiscus rosa-sinensis	1	
Hierochloe odorata	2	
Hippophae rhamnoides	1	
Hordeum vulgare	5	1946.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Humulus lupulus</i>	4	4.8
<i>Huperzia</i> spp	1	
<i>Hura crepitans</i>	1	
<i>Hydrangea arborescens</i>	1	
<i>Hydrastis canadensis</i>	1	5.9
<i>Hylocereus undatus</i>	1	
<i>Hylocereus guatemalensis</i>	1	
<i>Hyoscyamus niger</i>	1	
<i>Hypericum perforatum</i>	3	
<i>Hyssopus officinalis</i>	2	
<i>Inga feuillei</i>	1	
<i>Inga edulis</i>	1	
<i>Inula helenium</i>	1	
<i>Ipomoea batatas</i>	1	1642.0
<i>Ipomoea aquatica</i>	1	1000.0
<i>Iris x germanica</i>	1	
<i>Isatis tinctoria</i>	1	
<i>Juglans regia</i>	3	2.0
<i>Juglans nigra</i>	4	5.2
<i>Juniperus communis</i>	4	24.2
<i>Justicia pectoralis</i>	2	356.0
<i>Kalanchoe pinnata</i>	1	
<i>Krameria triandra</i>	1	
<i>Lablab purpureus</i>	1	10.88
<i>Lactuca sativa</i>	2	380.0
<i>Lagenaria siceraria</i>	1	
<i>Larrea tridentata</i>	1	276.0

Plants with Activity Synergy	Chemical Count	Total PPM
Laurus nobilis	1	
Lavandula x intermedia	1	
Lavandula latifolia	2	9844.0
Lavandula angustifolia	1	3000.0
Lens culinaris	2	34.0
Leonurus cardiaca	1	
Lepidium sativum	1	1052.0
Lepidium meyenii	1	
Levisticum officinale	2	
Licania platypus	1	
Ligustrum lucidum	1	
Ligustrum japonicum	2	
Linum usitatissimum	2	0.642
Liquidambar styraciflua	1	
Liquidambar orientalis	1	
Lobelia inflata	1	107.5
Luffa aegyptiaca	2	1934.0
Lupinus mutabilis	1	5.0
Lycium chinense	1	856.0
Lycium barbarum	1	
Lycopersicon esculentum	2	226.0
Lycopodium selago	2	
Lycopodium clavatum	1	
Lycopus europeus	2	2400.0
Macadamia spp	1	
Malpighia glabra	1	138.0
Malus domestica	4	342.0

Plants with Activity Synergy	Chemical Count	Total PPM
Malva sylvestris	1	780.0
Mammea americana	1	
Mangifera indica	1	280.0
Manihot esculenta	1	300.0
Manilkara zapota	1	
Maranta arundinacea	2	
Matricaria recutita	1	
Medicago sativa	2	788.0
Melaleuca leucadendra	1	
Melia azedarach	1	
Melicoccus bijugatas	1	
Melilotus officinalis	4	4000.0
Melissa officinalis	2	
Mentha x rotundifolia	2	
Mentha x piperita	2	475.4
Mentha spicata	2	185.0
Menyanthes trifoliata	3	
Mimosa pudica	1	1860.0
Mimulus glabratus	1	652.0
Mitragyna speciosa	1	
Momordica charantia	1	696.0
Morinda citrifolia	1	1739.0
Moringa oleifera	1	
Morus alba	1	16.0
Muntingia calabura	1	
Murraya sp	1	42.0
Murraya koenigii	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Musa x paradisiaca	1	56.300000000000004
Myrciaria dubia	1	
Myrciaria cauliflora	1	
Myrica cerifera	1	
Myristica fragrans	1	
Myroxylon balsamum	3	8000.0
Nasturtium officinale	1	1120.0
Nelumbo nucifera	1	0.36
Nepeta cataria	1	
Nerium oleander	1	
Nicotiana tabacum	2	
Ocimum tenuiflorum	2	
Ocimum suave	1	
Ocimum sanctum	1	
Ocimum basilicum	2	3266.0
Oenothera biennis	2	
Olea europaea	3	16.6
Ononis spinosa	2	
Opopanax chironium	1	
Opuntia ficus-indica	1	0.78
Origanum vulgare	3	354.0
Origanum majorana	2	9504.0
Oryza sativa	2	
Oxalis tuberosa	1	0.4
Pachira macrocarpa	1	26.0
Pachyrhizus erosus	1	
Panax quinquefolius	3	

Plants with Activity Synergy	Chemical Count	Total PPM
Panax notoginseng	1	174000.0
Panax japonicus	1	
Panax ginseng	4	
Papaver somniferum	2	
Parthenium integrifolium	1	
Passiflora quadrangularis	1	2.0
Passiflora mollissima	1	
Passiflora ligularis	1	
Passiflora incarnata	1	
Passiflora foetida	1	
Passiflora edulis	1	
Pastinaca sativa	1	2.0
Peperomia pereskiaifolia	1	
Peperomia pelucida	1	
Pereskia aculeata	1	
Perideridia gairdneri	1	10.0
Perilla frutescens	2	758.0
Persea schiedeana	1	
Persea americana	1	54.0
Petasites japonicus	1	1.0
Petasites hybridus	1	
Petiveria alliacea	1	
Petroselinum crispum	2	421.0
Peumus boldus	1	5125.0
Phaseolus vulgaris	2	642.6
Phaseolus lunatus	1	21.200000000000003
Phaseolus coccineus	1	0.5

Plants with Activity Synergy	Chemical Count	Total PPM
Phoenix dactylifera	2	7.2
Phoradendron juniperinum	1	
Phragmites australis	1	
Phyllanthus emblica	1	8.0
Phyllanthus acidus	1	16.0
Physalis peruviana	1	168.0
Physalis ixocarpa	1	12.0
Phytolacca americana	2	1242.0
Picrorhiza kurrooa	1	
Pimenta dioica	1	240.0
Pinus sylvestris	4	
Pinus mugo	1	
Pinus cembroides	1	
Piper nigrum	2	0.256
Piper betel	1	350.0
Piper auritum	1	386.0
Pistacia vera	1	2.92
Pistacia lentiscus	1	
Pisum sativum	2	53.0
Plantago psyllium	1	96.0
Plantago major	3	
Platycodon grandiflorum	1	
Plectranthus amboinicus	2	
Polygala senega	1	
Polygonum multiflorum	1	4.8
Polygonum hydropiperoides	1	
Polymnia edulis	1	20.0



Plants with Activity Synergy	Chemical Count	Total PPM
Portulaca oleracea	2	9300.0
Pourouma cecropiaefolia	1	
Pouteria viridis	1	
Pouteria campechiana	1	
Pouteria caimito	1	
Prosopis glandulosa	1	
Prunella vulgaris	1	
Prunus spinosa	1	
Prunus salicifolia	1	
Prunus persica	2	60.0
Prunus dulcis	2	0.1
Prunus domestica	2	86.0
Prunus cerasus	4	12.0
Prunus armeniaca	1	378.0
Prunus africana	1	
Psidium guajava	2	92.0
Psidium cattleianum	1	18.0
Psophocarpus tetragonolobus	1	20.0
Psoralea esculenta	1	2.0
Psoralea corylifolia	1	
Pteridium aquilinum	5	2.0
Pterocarpus marsupium	1	
Ptychopetalum olacoides	1	
Punica granatum	3	
Pyrus communis	1	3.4
Quararibea cordata	1	
Quercus alba	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Quisqualis indica	1	
Raphanus sativus	3	514.4
Rheum rhabarbarum	4	50.0
Rheum palmatum	1	
Rheum officinale	2	
Rhododendron ponticum	1	
Rhodymenia palmata	1	
Rhynchosia minima	1	
Ribes uva-crispa	3	28.0
Ribes rubrum	1	8.0
Ribes nigrum	4	27616.0
Ricinus communis	1	
Rosa woodsii	1	
Rosa rubiginosa	1	
Rosa gallica	1	34.0
Rosa canina	4	104.0
Rosmarinus officinalis	2	21042.0
Rubus spectabilis	1	
Rubus parviflorus	1	
Rubus idaeus	4	235.3
Rubus fruticosus	1	
Rumex crispus	2	730.0
Rumex acetosa	1	2200.0
Ruscus aculeatus	1	13.15
Salix alba	3	
Salvia triloba	1	10400.0
Salvia sp.	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Salvia sclarea	1	
Salvia officinalis	3	2449.0
Sambucus nigra	3	600.0
Sambucus canadensis	2	36.0
Sanguisorba officinalis	1	
Satureja montana	1	
Satureja hortensis	2	1268.0
Schinus molle	1	
Schisandra chinensis	2	122.0
Scutellaria lateriflora	1	38.0
Sechium edule	1	328.0
Senna alexandrina	1	
Serenoa repens	2	
Sesamum indicum	3	
Sicana odorifera	1	
Sida rhombifolia	1	610.0
Silybum marianum	1	62.0
Sinapis alba	1	
Smilax spp	1	
Smilax officinalis	1	
Solanum tuberosum	3	254.01
Solanum torvum	1	54.0
Solanum sessiliflorum	1	
Solanum quitoensis	1	
Solanum nigrum	1	220.0
Solanum melongena	2	12.0
Solidago gigantea	2	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Sonchus oleraceus</i>	1	1090.0
<i>Sophora japonica</i>	1	
<i>Sorbus aucubaria</i>	2	196.0
<i>Spinacia oleracea</i>	3	1412.0
<i>Spirulina</i> spp.	1	
<i>Spirulina pratensis</i>	1	956.0
<i>Spondias purpurea</i>	1	18.0
<i>Spondias pinnata</i>	1	56.0
<i>Spondias mombin</i>	1	230.0
<i>Spondias dulcis</i>	1	32.0
<i>Stachys officinalis</i>	1	
<i>Stellaria media</i>	2	368.0
<i>Stevia rebaudiana</i>	1	150.0
<i>Symphytum officinale</i>	1	1320.0
<i>Syzygium malaccense</i>	1	
<i>Syzygium jambos</i>	1	
<i>Syzygium cumini</i>	1	
<i>Syzygium claviflorum</i>	1	
<i>Syzygium aromaticum</i>	2	40006.0
<i>Tabebuia heptaphylla</i>	1	8.5
<i>Tagetes erecta</i>	1	
<i>Tamarindus indica</i>	1	242.0
<i>Tanacetum parthenium</i>	1	
<i>Taraxacum officinale</i>	3	168.0
<i>Taxus baccata</i>	3	
<i>Tecoma stans</i>	3	160.0
<i>Terminalia pallida</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Terminalia catappa</i>	3	3.6
<i>Terminalia arjuna</i>	1	
<i>Ternstroemia gymnanthera</i>	1	
<i>Tetragonia tetragonioides</i>	1	880.0
<i>Theobroma cacao</i>	4	
<i>Theobroma bicolor</i>	1	
<i>Thuja occidentalis</i>	1	
<i>Thymus vulgaris</i>	3	12650.0
<i>Thymus serpyllum</i>	1	9600.0
<i>Tragopogon porrifolius</i>	1	0.536
<i>Trichosanthes anguina</i>	1	36.0
<i>Trifolium pratense</i>	2	24.0
<i>Trigonella foenum-graecum</i>	2	557.2
<i>Trilisa odoratissima</i>	1	
<i>Triticum aestivum</i>	3	76.44
<i>Tropaeolum tuberosum</i>	1	4.2
<i>Tropaeolum majus</i>	1	1330.0
<i>Turnera diffusa</i>	1	142.0
<i>Ulex europaeus</i>	1	
<i>Ullucus tuberosus</i>	1	1.4
<i>Ulmus rubra</i>	1	49.0
<i>Uncaria tomentosa</i>	5	
<i>Uncaria guianensis</i>	4	
<i>Urtica dioica</i>	4	296.0
<i>Vaccinium vitis-idaea</i>	2	7000.0
<i>Vaccinium myrtillus</i>	5	94.0
<i>Vaccinium macrocarpon</i>	3	5.2

Plants with Activity Synergy	Chemical Count	Total PPM
Vaccinium corymbosum	4	7.8
Valeriana officinalis	1	
Vanilla planifolia	3	
Verbascum thapsus	4	86.0
Verbena officinalis	1	
Viburnum prunifolium	1	
Viburnum opulus	1	
Vicia faba	2	23.2
Vigna unguiculata	1	158.4
Vigna subterranea	1	0.22
Vigna radiata	1	5.199999999999999
Vigna mungo	1	1.0
Vigna angularis	1	1.8
Vigna aconitifolia	1	0.4
Vinca minor	1	
Viola odorata	1	
Viscum album	2	
Vitis vinifera	6	90.2
Wasabia japonica	1	
Withania somnifera	2	
Xanthosoma sagittifolium	1	655.2
Yucca baccata	1	
Zea mays	5	59.0
Zingiber officinale	2	8.0
Zizyphus spina-christi	1	
Zizyphus jujuba	3	7400.0