

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Manihot esculenta***

<b>Activity</b>	<b>Chemical Count</b>
Cancer-Preventive	13
Hypocholesterolemic	10
Antioxidant	10
Antiarthritic	9
Antiulcer	8
Pesticide	8
Antiosteoporotic	8
Essential	8
Antiencephalopathic	7
Antidiabetic	7
Vasodilator	7
Antihypertensive	7
Hypotensive	7
Diuretic	6
Cardioprotective	6
Antiinflammatory	6
Antidepressant	6
Anticataract	6
Antiparkinsonian	6
FLavor	6
Antifatigue	5
Immunomodulator	5
AntiLyme	5
Antieczemic	5
Antiepileptic	5
Antiacne	5
Antimigraine	5

Activity	Chemical Count
Anxiolytic	5
Laxative	5
Antidementia	5
Antirheumatic	5
Insectifuge	4
5-Alpha-Reductase-Inhibitor	4
Antistress	4
Antiasthmatic	4
Anticoronary	4
Antialopepic	4
Antisyndrome-X	4
Antialcoholic	4
Antispasmodic	4
Antiseptic	4
Antiobesity	4
AntiPMS	4
Propecic	4
Immunostimulant	4
Hypoglycemic	4
Antihangover	4
Allergenic	4
Antiinsomniac	4
Antialzheimeran	4
Antiprostaitic	4
Antimenopausal	4
Analgesic	4
Antilithic	3

Activity	Chemical Count
Antianxiety	3
Antianemic	3
Anticlimacteric	3
Antiherpetic	3
Anticancer	3
Angiotensin-Receptor-Blocker	3
Antimaculitic	3
Antiarrhythmic	3
Perfumery	3
AntiRaynaud's	3
Antihistaminic	3
AntiMS	3
Antiperiodontitic	3
Antigastritic	3
Irritant	3
Antiosteoarthritic	3
Antiinfertility	3
Antidecubitic	3
Antiandrogenic	3
Antiallergic	3
Antiatherosclerotic	3
Antileukotriene-D4	3
Anticervicaldysplastic	3
Hepatoprotective	3
Monoamine-Precursor	3
Antipellagic	3
Antianorectic	2

Activity	Chemical Count
Antidandruff	2
COX-2-Inhibitor	2
Antileptic	2
Antihyperkinetic	2
Anticolitic	2
Antineuralgic	2
Anticheilitic	2
Antiaging	2
Hypercholesterolemic	2
Antimutagenic	2
Calcium-Antagonist	2
Antidote (Aluminum)	2
Antiphenylketonuric	2
Insulinogenic	2
Dermatitigenic	2
Antiendometriotic	2
Anticephalagic	2
Nematicide	2
Antipoliomyelitic	2
Serotoninerpic	2
Beta-Blocker	2
Antiglaucomic	2
Antiviral	2
Antiimpotence	2
Antineuropathic	2
Anticold	2
Carcinogenic	2

Activity	Chemical Count
AntiCFS	2
Antidote (Lead)	2
Spermigenic	2
Antiaggregant	2
Antihepatitic	2
Mucogenic	2
Antisickling	2
Antimenorrhagic	2
Lithogenic	2
Emetic	2
Antifibrinolytic	2
Vulnerary	2
Antitumor (Lung)	2
Anticonvulsant	2
Oxidant	2
Antitumor	2
Antistroke	2
Antidote (Cadmium)	2
Sedative	2
Lubricant	2
Antiphotophobic	2
Anemiagenic	2
Antifibrotic	2
Antianginal	2
Collagenic	2
AntiCrohn's	2
Percutaneostimulant	2

Activity	Chemical Count
Antiradicular	2
Uricosuric	2
Choleretic	2
Antidyskinetic	2
Tranquilizer	2
Candidicide	2
Antiplateau	2
Antibacterial	2
Prooxidant	2
Antiarteriosclerotic	2
Antioxidant?	2
COX-1-Inhibitor	2
Acidulant	1
Vasomotor-Stimulant	1
Antiorchitic	1
Antiinfective	1
Comedogenic	1
Antiretardation	1
Urine-Acidifier	1
Antitumor (Gastric)	1
Antianaphylactic	1
Antineurotic	1
CNS-Depressant	1
Osteogenic	1
Antipsoriatic	1
Antidyspeptic	1
Trichomonicide	1

Activity	Chemical Count
Antitriglyceride	1
Antialkalotic	1
AntiHIV	1
Neuroprotective	1
Antiprolactin	1
Antidote (Paracetamol)	1
Suppository	1
Antihepatotic	1
Anticarpal-Tunnel	1
Mucolytic	1
Antipneumonic	1
Schizophrenogenic	1
Antisilicotic	1
Antiacrodermatitic	1
Glutathionigenic	1
Antimetastatic	1
Antigrey	1
Astringent	1
AntiBPH	1
Litholytic	1
Renotoxic	1
Antiscotomic	1
Androgenic?	1
Fatal	1
Antimastitic	1
Antigastrotic	1
Antixerophthalmic	1

Activity	Chemical Count
Keratolytic	1
Antipapillomic	1
Antiretinotic	1
Aldose-Reductase-Inhibitor	1
Emollient	1
Antifibromyalgic	1
Antivaginitic	1
Contraceptive	1
Antideliriant	1
Pituitary-Stimulant	1
Acaricide	1
Antileukoplakic	1
Uterorelaxant	1
Antitumor (Prostate)	1
Immunosuppressant	1
Antinociceptive	1
Antihypoglycemic	1
Cold-preventive	1
Parasiticide	1
Antipyretic	1
Ubiquiot	1
Antitumor (Breast)	1
Hypolipidemic	1
Antineurasthenic	1
Antihyperactivity	1
Chemopreventive	1
Neurotransmitter	1



Activity	Chemical Count
Antiprostaglandin	1
Antidysgeuzic	1
Thymoprotective	1
Hypnotic	1
Antinephritic	1
Antidote (Hypoglycin-A)	1
AntiADD	1
Hemostatic	1
Antimitral-valve-prolapse	1
Antiheartburn	1
Metastatic	1
Antipityriasic	1
Antidiscotic	1
Roborant	1
Fistula-Preventive	1
AntiMeniere's	1
Aphrodisiac	1
Antibackache	1
Leptingenic	1
Antiparotitic	1
Prolactinogenic	1
Antirhinitic	1
Alpha-Reductase-Inhibitor	1
Ergogenic	1
Antifuruncular	1
Interferon-Synergist	1
Antiinsomnic	1

Activity	Chemical Count
Cosmetic	1
ACE-Inhibitor	1
Detoxicant (Alcohol)	1
Antilipoperoxidant	1
Antitussive	1
Antiangiogenic	1
Insecticide	1
Colorant	1
AntiCTS	1
Antiencephalitic	1
Urinary-Acidulant	1
Antitumor (Colon)	1
Antiamblyopic	1
Hypouricemic	1
Antihyperkeratotic	1
Circulotonic	1
NO-Genic	1
Antipruritic	1
Antidysmenorrheic	1
Tremorigenic	1
Antitinnitic	1
Antialkali?	1
Hypoarginanemic	1
Antinesidioblastosic	1
Neuroinhibitor	1
Antiporphyrin	1
Antistomatitic	1

Activity	Chemical Count
Hepatotoxic	1
Bronchosedative	1
Anticardiospasmic	1
Antidote (Acetaminophen)	1
Scabicide	1
Gastroprotective	1
Antigranular	1
Asthma-preventive	1
Antiberiberi	1
Antidermatitic	1
Antiscorbutic	1
Androgenic	1
Estrogenic	1
Antimastalgic	1
Antivertiginous	1
Antiozenic	1
Adjuvant	1
Antilupus	1
Antiuremic	1
Antianorexic	1
Insulinase-Inhibitor	1
Comedolytic	1
Phagocytotic	1
Antiretinopathic	1
Absorbent	1
Deodorant	1
Antileukonychic	1

Activity	Chemical Count
Antiencephalopathic?	1
Urine-Deodorant	1
Antinitrosic	1
CNS-Paralytic	1
Antipsychotic	1
Antidysphagic	1
Tumor-Promoter	1
Antineuramidase	1
Antihomocystinuric	1
Cardiotoxic	1
Antichilblain	1
Neurotoxic	1
Antiproliferant	1
Antidote (Paraquat)	1
Testosteronigenic	1
Antiakathisic	1
Hypertensive	1
Antimyocarditic	1
Antihepatotoxic	1
Calcium-Channel-Blocker	1
Myorelaxant	1
Antipodriac	1
Antispare-Tire	1
Antiacrodynic	1
Hemolytic	1
Beta-Adrenergic Receptor Blocker	1
Anticancer	1

Activity	Chemical Count
Antidiabetic?	1
Respirastimulant	1
Antiseborrheic	1
Fibrinolytic	1
Antimeasles	1
Antigingivitic	1
Poultice	1
Encephalopathic	1
Antilymphomic	1
Antivertigo	1
Antiarabiflavinotic	1
Insulinotonic	1
Antiototic	1
Copper-Antagonist	1
Acarifuge	1
Detoxicant	1
Antienterotic	1
Varroacide	1
Antitumor (Stomach)	1
Inflammatory	1
Antinyctalopic	1
Antiichthyotic	1
Antiedemic	1
Antitumor (CNS)	1
Antineuritic	1
Antihyperammonemic	1
Anticoeliac	1

Activity	Chemical Count
NF-kB-Inhibitor	1
Antitic	1
Antialdosteronic	1
Hypoammonemic	1
Antinephrolytic	1
Antiherpetic?	1
Neuroexcitant	1
Antipolyneuritic	1
Antidote (Iodine)	1
Soap	1
Antispasmophilic	1
AntiAGE	1
Antimorphinic	1
Antihemorrhagic	1
Beta-Glucuronidase-Inhibitor	1
Anticarcinomic	1
Antidote	1
Rodenticide	1
Antishingles	1
Antiacid	1
Antiglossitic	1
Apoptotic	1
Lipotropic	1
Antidepressant?	1
Antiscoliotic	1
Antimanic	1
Antigallstone	1

Activity	Chemical Count
Antiviral?	1
Interferonogenic	1
Antikeratitic	1