

## THE BIOLOGICAL PROPERTIES OF THE MANGOSTEEN TREE

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*Kimyo kafedrasi katta o'qituvchisi*

**Annotation:** *This fruit very much useful that is known and healing and therapeutic properties has Traditional east in medicine thousand years since using coming heart-blood vein system , nervous system and metabolism treatment for qualities are recognized.*

**The key words:** *Mangosteen , medicinal, hermaphrodite, tropic fruits, xanthone , hypocotyl tubercles.*

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That's a lot appreciated fruit and other from fruits difference does . That year during so it cooks for almost all year during how at the time enjoy possible. Once the disadvantage is this price very much high and simple in the supermarket find difficult

It's just that his benefit, but availability also distinguished by costs very much sweet and honey taste. This is very good benefits.

Fruit infections, irritation feature transmitter intestine syndrome, diarrhea, dysentery and even wounds treatment for used . It's strong antioxidant, anti- inflammatory antifungal, antibacterial , antimicrobial , antiviral against and is a rich source of catechins. West plant first times in 1855 dysentery research take went the Germans by found. Mangosteen St. John with a in the family Mangosteen phenol and tannin They are rich in substances free radicals clean up This encourages cancer disease prevent take , stranger compounds against reactions and even aging process slow down possible.

Strong mangosten with mango Do not mix. Mango - this health for very much a lot useful delicious fruit, but they relatively colorless Research results that shows that mangosteen a how much kind of cancer cells development obstacle do possible. Mangosteen free radicals cleaning tool as works and low density lipoproteins man to the organism transmitting damage reduces Mangostinda of the plant in the pericarp ( fruit ) wall found at least 20 are known xanthenes available . Of the plant leaves, bark and fruits kind of conditions and diseases treatment for used. Mangostendagi xanthenes, first in turn alpha-mangosteen and gamma-mangosteen animals on from the test was held. Results this compounds therapeutic exposed has that shows. Mangosteen prostate cancer development slows down and thick intestine cancer against big the enemy is Mangosteen from the factory obtained extract skin cancer with fight for high potential shows. Fruit contained in xanthenes natural chemical prophylaxis component and potential cancer disease as in the world research laboratories from the test being conducted. Xanthenes great therapist tools. They are cancer cells split management through tumors against they struggle. Theoretical in terms of mangosteen xanthenes cancer cells to form, to begin, to rise and development obstacle do possible. Xanthenes cancer cells death stimulation, inflammation and cancer metastasis prevent get through cancer growth stop

possible. Research that shows that animals subjects mangosteen in the fruits from xanthonenes therapeutic in terms of benefit they see.

Mangosteen inflammation due to come came out pain and annoyance soften natural method as applied. Inflammation is this to our health danger that bacteria and viruses of the organism is the answer. Mangostina pericarpada 20 and all 40 giant in the factory. Mangosteen other fruits than xanthonenes high percent has Alpha- mangosteen and gamma- mangosteen strong from xanthonenes one and inflammation against effect shows. Xanthonenes produce prostaglandins issue obstacle This makes it pain and inflammation between dependence. Mangosteen COX-2 enzymes inhibitors function does and the level of this enzyme reduction through inflammation process reverse redirect it is possible our immune of our system bacteria, oxidation and viral attacks against inflammation reaction quoting produces.

Research mangosteen allergies against strong protection that proved. In Japan conducted a in research current allergic medicines mangosteen with in comparison mangosten histamines and prostaglandins as an inhibitor in excretion better performance detected. Mangosteen many ordered medicines than liver and to the kidneys relatively softer. The plant in the body blood ability does not interfere, kidney, liver harm does not transmit or stomach wound quoting does not produce. In fact, it is stomach wound in treatment help give possible. Fruit contained in xanthonenes selective COX-2 inhibitors as seasonal allergies and inconvenience generating compounds availability natural as facilitates.

Mangosteen - in Malaysia menstruation see health save for famous treatment method. The shell and root pain, dizziness, mood swings change and hypertension such as PMS symptoms reduce for based on. Mangosten inflammation against feature blood of the veins health save help gives Mangosteen blood of the veins expansion help give through blood flow strengthen possible. Mangosteen erythrocytes functional issue help will give and anemia prevent takes Menstrual cramps, woman constant maintenance obstacle do degree seriously to be possible. Pain, prostaglandin and leukotrienes of the uterus old floor no when doing, the uterus from the movement come turns out. Pain this tissue cervix through while passing begins. Mangosteen produces prostaglandins remove inhibit does and this in progress menstruation to see facilitates.

Great mangosteen is also yours to your heart useful Oxidation stress and antioxidants deficiency heart attacks and blood veins such as factors effect does. Oxidation stress - this free radicals functional remove and antioxidant compounds using toxins no to do natural our ability between balance Of China Central South Of the University Pharmacology chair mangosteen xanthonenes heart attack or myocardium from a heart attack then heart protection to do help give proved research spent . Xantons given in patients mangosten compounds acceptance did not control to the group relatively heart activity noticeable degree restored. Mangosteen 100 grams of fruit following nutritional importance has:

- 15.6 grams carbohydrates
- 0.4 grams is'
- 0.5 grams protein
- 5.1 grams silk
- 0.36 micrograms iron
- 10 micrograms calcium

Allocated tissue culture with performance basic condition sterility firm follows is to do. Food-rich composition of the environment microorganism growth is also good for the substrate is Food in the environment-cultivated plant parts (transplants) of microorganisms easily infected. Therefore, for both grafts and nutrients, the medium is also sterilized to be condition Allocated tissue with take to be done all works (to culture transfer, new food environment transfer) sterile in rooms, (in laminar boxes) sterile tools using instead increased, separated cast grow sterility during the period save because it is necessary temperature decreases, or humidity the surface when comes cabin well plug through test tube into microorganisms entry possible.

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