

THE BIOLOGICAL AND CHEMICAL PROPERTIES OF THE MANGOSTEEN TREE

Numonov Otabek Urmonjon ugli

*Student, Namangan Institute of Engineering and Technology,
Namangan region, Namangan city, st. Kasansay, Uzbekistan,*

E-mail: otabeknumanov1019@gmail.com

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.

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.

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 tanin 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.

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 xanthenes high percent has Alpha-mangosteen and gamma- mangosteen strong from xanthenes one and inflammation against effect shows. Xanthenes 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.

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 xanthones 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.

References:

- 1) Abdukhamidovich, N. A., & Urmonovich, N. O. (2021). The Results of Theoretical Studies of the Chisel Cultivator Rack Frontal Surface Shape. *Annals of the Romanian Society for Cell Biology*, 5930-5938.
- 2) Melanova, N. R., Davlatova, M. U., & Numanov, O. (2021). The Effect of Extracellular Glutathione on the Regulation of Thymocyte Volume in Rats under Conditions of Hypoosmotic Stress. *Annals of the Romanian Society for Cell Biology*, 7032-7038.
- 3) Rashidovna, M. N., & Urmonovich, N. O. Comparative Characteristics of the Leaving of Glutathione From Cells of Different Types. *International Journal on Orange Technologies*, 2(10), 79-82.

- 4) Abdukhamidovich, N. A., Urmanovna, M. D., & Urmonovich, N. O. (2021). Strip Till Age of Soil for Deuteric Sowing (Second Crop). *International Journal on Orange Technologies*, 3(4), 71-74.
- 5) M.N.Rashidovna, N.O.Urmonovich "O'simliklarni mikroklonli ko'paytirish" NamMTI ilmiy-texnika jurnali Scientific and technical journal of NamIET ISSN 2181-8622 TOM 5 - Mahsus son (1), 2020
- 6) How to Grow Mangosteen Tree | Mangosteen Planting Guide <https://balconygardenweb.com/how-to-grow-mangosteen-tree-planting-guide>
- 7) The King and Queen of Fruits: the Durian and Mangosteen - Flora and Fauna - 103 Meridian East, Singapore".