

SOAP TREE ( *KELREITERIA PANICULATA* ) IN THE CONDITIONS OF  
NAMANGAN MULTIPLICATION

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**Annotation:** *Soap tree - this Asia and America in the tropics growing sapinda of the family leafy small trees or bushes. Soap of the tree fruits, soap nuts , diameter about 1 , 5 see which was fruits as they are suddenly up to 3 seeds own into takes Soapy berries when ripe, their surface soft and velvet case will be. When cooked, it hardens, nut shell like, therefore for name – “soap nuts”. Dry soap nuts have a dark brown or black color depending on the type of drying.*

**The key word:** *Soap tree, walnut, seed,*

Soap tree Hot climate in the zone located countries grows , but north India his located of the place basic area is Sapindus 5-10 pairs leafy tree is our mountain flower a little reminds. Trees up to 25 meters in height are possible and beautiful green-white becomes blooms. That's it, then in the shell to the nut similar beautiful fruits appear will be. Then, they are soap and shampoo instead of because it is used they contain 40 percent of saponin available. It is this substance that actively removes dirt from any fabric and surface.

There are several types of soap tree in the world.

- Sapindus delavayi-soap tree type, China and In India grown
- Sapindus drumdadi type South West America, Mexico
- Sapindus emarnoratus scattered territory South Asia countries
- Sapindus marjoratus territory America Joint States
- Sapindus mukorossi gaerern China or India soap tree. True North India, North Pakistan, China, Himalayas .
- Sapindus ohuensis Xilebbe that is Hawaii soap tree. Southern Asia in the territory wide grown.
- Sapindus Karpak this is also the South In Asia planted.
- Sapindus Saponiya navi South East USA, Caribbean the sea atrophy, Hawaii
- Sapindus Tomentsus China in the region multiplied.
- Sapindus Trifoliatus type South India, Keylon, South Pakistan regions scattered.
- Sapindus Vitiensis China regions grown



- Sapindus Kelreiteria paniculata type Asia, Caucasus regions and in particular our It is also grown in our region

Current our climate in our conditions basically soap of the tree Kelreyteria paniculata type is being planted. This tree in native language soap tree is called in Latin name Kelreiteria paniculata. Soap of the tree natural scattered places in China and from Japan to India. He is also in the U.S. North Good in Africa is too grown. His seeds are considerably easy. From sowing before soap tree seeds a day during gets wet and 2-3 cm depth planting recommended is done. This tree is about 5-7 years in fruit begins. Tree Of Russia middle and south cultivation in the regions for adapted. Daily in life his soap balls real find is As you know, synthetic wash tools things and dishes in washing known a danger because it gives birth they contain harmful substances available. It's a tree soap nut wash perfect degree replaces and wash tool. From this tree, absolutely natural soap gets possible. Therefore, for chemical substances effect reduce and in the skin allergic diseases prevent get in order to this from a tree obtained soaps natural product is One word with in fact, a real, modern ecological wash tool is obtained. From this except engine through good washed and soft will be. Such soap with washed fabrics none when own quality does not lose and cute for. Soap of the tree fruit shells with wrapped become yellow-brown with a diameter of 2-2.5 cm in size. They have organic compounds - saponins (glycosides). This is natural blow transmitter tools. Saponins in the environment completely decompose and from soaps different as the alkali reaction does not create. Soap nuts wash in the car or manual wash during clothes perfect. Then example so to receive as for the dish wash, gold and of silver made clean jewelry items wash, house cleaning and car wash for used. Fly and flies returns, soap emulsion and home plants for fertilizer as used. Fruits obtained wash tools every one - sided useful, the color of the fabric own in position save remains, used for comfortable, lots functional, economical, reusable use possible. Saponins from walnuts maximum degree separated stand for nuts shell crushed. In the current soap tree, in our country in particular, the Namangan climate conditions adapts and reproduces work instead of being increased. Kelreiteria paniculata for climate conditions hot to need. Because this tree warm-hearted is Soap seeds from planting earlier starification October - November months in advance-prepared square-shaped platforms shave. Then soil contains humus, organic fertilizers to be Seeds from planting then drug soil and released small stones with is closed. February - March come sea unit output begins. Young tree seedlings position depending on big place fields download carried out. From the copy then water put water if the norm good if 8-



10 times a year instead increase need Water less that was territory to be 3-4 times. This is a tree for temperature norm 25-38 0 C formed does. Soap tree 1-1,5 in 1 year under normal conditions meters growing.

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