



Journal Website:
<https://theusajournals.com/index.php/ajahi>

Copyright: Original content from this work may be used under the terms of the creative commons attributes 4.0 licence.

NAMATAK TYPES AND USEFUL FEATURES

Submission Date: September 20, 2023, **Accepted Date:** September 25, 2023,

Published Date: September 30, 2023

Crossref doi: <https://doi.org/10.37547/ajahi/Volume03Issue09-03>

Dilnoza A. Mamatusmonova

Phd Student Namangan Institute Of Engineering And Technology, Uzbekistan

ABSTRACT

The article talks about the types of namatak, their properties, use, chemical composition, collection and drying of namatak, as well as preparations obtained from the namatak plant.

KEYWORDS

Namatak, Begger's namatak, Wrinkled namatak, May namatak, Thorny namatak, Itburun namatak, Kokan namatak , drying.

INTRODUCTION

Nowadays intensity with developing countries in line All of Uzbekistan in the fields forward is striving Also in the field of science in our country big changes is happening Our country leader by " Drug plants cultivation and again work , them seediness to the road to put development according to scientific studies scope to expand about remedy events about". one series decisions confirmed. Accordingly of the subject relevance no doubt . Ours in our region medicine more than 700 plants type there is Of these natural in the circumstances growing and cultivated 120 ha near from the type scientific and people in medicine is used . Current period in medicine applied of medicines about 40-47% plant from raw materials is taken . Medicinal feature with separate standing Namatak - (Rosa) series

types in our region wide spread _ Earth on the face 120 ha of Namatak near type spread out from these _ 13 species in Uzbekistan natural without grows and one how many type scenic plant as is planted .

THE MAIN PART

The product is made from the following types of sorghum that can satisfy the standard requirement for ascorbic acid:

Rosa beggeriana Schrenk.

Rosa rugosa Thunb.

Rosa davurica Pall.

Rosa canina L.

Rosa fedtschenkoana Regel.

Rosa kokanica (Regel.) Regel. ex Juz. Ба б.қ.лар

Rosaceae.

Namatak species is a thorny shrub up to 2 m tall. The stem is flexible, covered with shiny brownish-red or reddish bark and thorns. The leaves are oddly pinnate, arranged in a row with a stem band. The leaf (5-7) is egg-shaped and has a serrated edge. Flowers are large, single or 2-3 on branches. The flower is red, pink, yellow or white, with a pleasant smell. He got a flower leaves lanceolate. Calyx leaf and crown of 5, paternity and mothers a lot numerous. A fruit instead of a flower harvest to be juicy fake fruit _ I can't wait from their mothers harvest has been one how many real There are fruits - nuts. Peanut sharp- pointed, sertuk is angular _ to form have _ From May from, until July blooms, fruits in August-September it is ripe.

Namatak types in forests, streams on the sides, bushes between the mountains dry rocky side in his arms and another in lands grows. Namatak some types from each other of the fruit, in the bark of the branch color, shape, size of the thorn and the number of thorns on the branch and to the location looking difference does.

May namatak a bush 1-1.5 m tall. Horns shiny, brown-red colorful bark with covered. In the branches thorns of the leaf band basis in the part in pairs being located. From this except, right or one little returned thorns of branches bottom in the part very there will be a lot. Of the leaves bottom on the side stuck feathers will be This plant is native to Moldova, Ukraine, Belarus, and the Baltic States length of the European part of Russia the forest and forest-desert in the zone, west and Eastern In Siberia, in Caucasus occurs.

Thorny namatak tall It is a small bush with brown branches colorful bark and thin, straight, coarse with hairs (thorns). Covered Leave basis 2 thin in the part thorn is a leaf hairless will be This plant Siberia nina leafy in the forests, Far In the east, in the Tien-Shan forests and Belarus, the Baltic length, the European part of Russia northern districts occurs.

Dauriya namatak. This of the plant branches brown-red colored bark with covered Thorns returned from 2 at the base of the branches and leaf under his arm settled. Of the leaves bottom side sparse hairs and yellow glands with covered Fruit spherical, 1-1.5 centimeters in diameter equal to, it is basically Eastern Siberia southern districts and Long in the east occurs.

Begger namatak. Horns blue colored, thorns large, sickle-shaped bent, base part wide, yellow colorful is a leaf based on pairs being located Ball-shaped-multi-flowered shield or furrow Calyx leaf entire, acute, from inflorescence after up looking direction The fruit is small, spherical, 0.5-1.4 cm long, red colored, ripe then the calyx spills out. As a result of fruit high in the part harvest from the hole that was inside nuts and feathers apparently stands. This namatak mainly Medium Asia of the mountains side on the slopes, mountainous in districts ditch and rivers on the banks of the road on the collars grows. It is grown as a landscape bush.

Fedchenko's namatak. Large, 2-3, sometimes up to 6 m a bush that is Thorns large, horizontal located, solid, base part widened and large in the branches denser located. Complicated leaf pieces - leaves thick, bluish, hairless. Flowers large, white or pink colored Fruit large (up to 5 cm in length), fleshy, dark red, ovate, elongated ovate or bottle-shaped. Basically Medium In Asia (Tian-Shan, Pamir Oloy in the mountains) mountain on the slopes grows. Tashkent, Fergana, Samarkand, shkadarya and Surkhandarya regions in mountainous areas a lot spread.



Wrinkled namatak. Horns you're serious being located horizontally. omplicated leaf pieces-leaves thick, twisted, bottom side hairy Flowers red or full red colorful individually or 3-4 stalks and branches to the tip located. Fruit large, spherical, shiny red colorful, high in the part up looking calyx leaves directed will be Long East, Kamchatka and In Sakhalin the sand of the sea husband on the shores grows. Ex Parks in the European part of the Union and in parks many is planted.

Kokan namatak. Old man branches purple-brown, young - reddish-brown bark with covered Sertikan, thorns hard, narrow triangular, base part expanded, one little bent. Flowers are 1-2, yellow colored Calyx leaves have a single tip little eathery cut, hairy, top part glandular, ripe in the fruit up directed towards Fruit spherical, up to 1.5 centimeters in diameter, brown brown or almost black colored Medium of Asia mountainous regions (western Tien-Shan, Pamir -Aloy mountains). Medium to the part has been mountain on the slopes grows. Tashkent, Namangan, Fergana, Samarkand, Kashkadarya and Surkhandarya in the regions mountainous in lands spread.

Appearance of the product. Ready product different shapes (spherical, egg-shaped or oblong-ovoid) and large and small (length 0.7-3 cm, diameter 0.6-1.7 cm), dark yellow-red or full red color fake from the fruit consists of Fake fruit three on the side there are holes (from the calyx from being cleaned after harvest will be). of the product upper side shiny, wrinkled, inside while dark Nuts (real fruit) are hard, yellow colored, angular is white feathers with covered Product odorless, top the wall sour-sweet, one little twister has a taste. Product for: moisture content 15%, total ash 3%, non-woven another parts mixtures (stem, leaf, sepal and fruit bands) 2%, blackened, burnt, insects with damaged fruit mixture 1%, hole through a sieve with a

diameter of 3 mm crushed to pass including some fruits nuts 3%, organic impurities 0.5% and mineral impurities no more than 0.5% it is necessary Trimmed product for: moisture 15%, total ash 3%, from feathers and nuts not cleaned fruit part 5%, nuts, feathers, flower band and whole fruits mixture 0.5%, blackened, burnt and insects infected with parts 1%, organic impurities 0.5% and mineral impurities more than 0.5% not to be need. According to XI DF kholosas, carotolin and juice prepared organic acids in the product amount is less than 2.6% not to be, humidity from 15%, total ash from 4%, of the material another parts (pieces of branches, calyx and fruit band) from 2%, blackened, burnt, insects with damaged and sick fruits from 3%, the diameter of the hole is 3 mm sieve passable fruit pieces, including nuts from 3%, unripe (green of color yellow to color) fruits not more than 5%, organic compounds not more than 0.5% and mineral compounds not more than 0.5% need In conclusion drug basically hip nose namatak from the fruit, carotolin drug and juice of namatak everyone types from the fruit is prepared.

Chemical composition. Product contains (dry without) 4-6%, sometimes up to 18% vitamin C, 0.3 mg % vitamin V2, K1 (40 biological elements in 1 g of roduct unity), vitamin R, 12-18 mg % carotene, around 18% sugars, 4-5% sweetener substances, around 2% lemon and malic acids, 3.7% pectin and another substances will be According to XI DF, vitamin C is whole in case 1% in the product , cleaned and trimmed 2% in the product, powder as it is and less than 1.6% should not be. Namatak seed oil, root and on the leaf while enhancer there will be substances.

Usage. Namatak of the plant the fruit in the composition one how many different vitamins that's why there is a mixture drugs for avitaminosis diseases in treatment and prevention in getting is used. From this except, namatak fruit in the confectionery industry

products vitaminization used for Namatak of types from the fruit carotolin drug and namatak oil is prepared. Carotolin of fruit soft-meaty part oil extract (in basically carotenoids and tocopherols, unsaturated fat acids and another substances are kept), tropical wounds, eczema (gush), erythroderma some types and injured mucous membranes treatment for is applied or to the dock to the damaged place is placed. Namatak oil special method with from the fruit is prepared . Oil tropical wounds , dermatoses (of the skin different inflammation and diathesis disease), stinky Dimog (ozena), ulcerative colitis, bed and other wounds, cracks treatment for to them is applied or to the dock it is soaked and put.

Medicinal preparations. Ascorbic acid-vitamin C (powder, dragee, tablet and in an ampoule solution in case is released), from the fruit tincture, extract, carotolin, namatak oil and juice (wet fruit) and tablets (powder). Fruit vitamin and multivitamin Teas are collections to the composition enters. Wet from the fruit again various vitamin concentrates and vitamin rich food products is prepared. And ascorbic acid haloscorbin preparations to the composition enters.

Namatak less The type that stores vitamin C in the amount is hibrun namatak 3 m tall It is a big bush, and the calyx is different from others patty cut, blooming from being then sepals down looking direction, and fruit ripening in front of them down leaving with difference does That's why for too the hips are ripe the fruit high in the part holes it won't be. Hip nose Medium In Asia, in the European part of Russia and In the Caucasus in mountainous regions (in the mountains water on the edges), forest on the edges, in gardens, walnuts and in spruce forests grows.

Chemical composition. Hip nose The fruit is low in vitamin C preservative types enters Fruit contains 0.2-2.2% vitamins C, K, V2 and R, 4-12 mg % carotene, 8.09-

18.50% sugar, 1.2-3.64% pure organic matter (lemon and apple) acids, 0.03-0.04% essential oil, 2.7% additive, dye and other substances, in seeds and 8.46-9.63% fat will be.

Usage. From the product Prepared preparation - holosas in the treatment of iver diseases (cholecystitis and hepatitis), is used. Fake fruit inside fruits (Semina Cynosbati.) urine driver drug is used as.

Medicinal preparations. In factories from the product extract is prepared. Namatak fruits collection and drying Namatak fruits complete cooked without maturity red to color very cold to begin with to fall until will be collected. Harvest complete when ripe (September in the months of) collection recommendation not done . Because cooked matured namatak fruits drying difficult and plant growing in places Cold fall as a result in it ascorbyn of acid sharp decreased departure is also observed .

Namatak fruits special desiccant in devices at 80-90 degrees one how many hour during or autumn of the month Hot days in the cool drying recommendation will be done. Fruits drying time time with mixed up standing is required. As a result of drying in the sun, the quality of raw materials may deteriorate.

CONCLUSION

by doing so to speak in our country there is namatak types again work events right take if you go of them pharmaceuticals in the industry wide in scope use can.

REFERENCES

1. Uzbekistan Republic President's "Dorivor plants cultivation and again performance , their seediness to the road to put development according to scientific studies scope to expand about measures on" No. PQ -4901 the decision

2. Meliboev M.F., Mamatov Sh.M., Ergashev O.K. Development of a combined bath method of sublimation and dielectric drying // Universum: technical science. - Moscow-2022. - #5 (98). - S.5-8.
3. Meliboev M.F., Mamatov Sh.M., Ergashev O.K. Energy consumption and economic indicators in sublimation and microwave sublimation dry plum // Universum: technical science. - Moscow-2022. - #5 (98). - S. 9-12.
4. M. Meliboyev. Development of the combined method of sublimation and dielectric drying processes// Scientific and technical journal of science and technology development. (BuxMTI)- 2021.-№5.- 182-187b.
5. Hamidov A., Nabiyeu M., Odilov T., Plant identifier of Uzbekistan. Tashkent 1987.
6. Q. Hojimatov, M. Olloyorov, Medicinal plants of Uzbekistan and their protection.
7. Q. Heydarov , Q. Hozhimatov . Uzbekistan plants . Tashkent 1992.
8. BY Tokhtayev , TX Mahkamov , A. A. Tolaganov , Al Mamatkarimov , Dorivor and nutritious plants plantations organize reach and raw materials preparation according to instruction Tashkent- 2015.

OSCAR
PUBLISHING SERVICES