

## **Development of Pistachio Plantations in the Southern Regions of the Republic**

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**Abstract:** At present, various types of pistachio tree seedlings in the state forestry and farms of the country are grown. The family of pistachio trees includes tropical and subtropical shrubs and trees, with some species spread in temperate areas. In general, it is advisable to establish pistachio plantations in Uzbekistan in regions with not less than 300 mm of annual rainfall. Such areas include mountain regions like Boboq and Samarkand. To achieve higher pistachio yields, selecting promising varieties based on evaluation is essential.

**Keywords:** Handon Pista, pistachios, grandparents, planting, pistulases, planting, plantation, planting, planting, agro-technical measures, effective use.

### **INTRODUCTION**

Great changes in the regions of the republic with the efforts of our president, the decrees and implementation of decrees began to take special attention to pistachio.

Colidasians are not naturally Surkhandaryo region Boboq Forestry, culturacy, Samarkand region Sov. Forest There is available on the territory of the economy, where the productivity of pistakes here is very low.

In order to obtain higher yields above the pistases, their promising varieties cultural The reproduction leads to positive results. Promising varieties are a selection

must be selected on the basis of valuation. The selected handon pistachiography allows to build its industrial plantations in many librimiks. This opportunity can solve several problems:

- satisfying the demand for nutritious food products;
- Prevention of erosion in the field and foothills;
- Expansion of the aripach area;
- Establishment of high yields of agricultural crops;

Save water on irrigated lands and others.

### **METHOD AND METHODOLOGY**

Today, KHANDON in about 50,000 hectares of Uzbekistan. It is found that pistachio plantations can be built. These areas are the sea It is 500 to 1300 meters above the level, where annual rainfall amount

of 200 - 400 mm, the average temperature is 13.1 - 16.0 ° C and vegetation The duration is 210-220 days. All of these indicators are handon It is very handy to the pistachio to grow and produce.

Pistachi (Pistacia) The most common area of natural pistases in Uzbekistan is also in the southern slices of the Bobeloc, and Tyan-Shania, in tortures in Fergana, Chatte, Turkestan, Zarafshan and the Hissor ridges.

The normative growth and development of handon pistachio needs a set of temperature air. Including the growth of the instructions for the development of vegetative bodies is not less than 3500 0 C. In order for the development of the generative bodies, it should not be less than 2000-2200 ° C. In general, it is advisable to establish pistachi mowers in Uzbekistan to build industrial plantations and not less than 300 mm of grounds in the sea level.



*The fruit of the pistachio tree*



*Natural pistas*



**Preparation and sowing of handon pistachi**

## **RESEARCH RESULT AND DISCUSSION**

In such areas include mountain areas of Boboq and Samarkand region. In addition, handon pistachio can also grow annual rainfalls in front of Fergana, Namangan, Kashkadarya, Jizzakh regions with 300-400 (500) mm. The slopes with no flat lands and slope as possible to organize plantations should be allocated.

The type of HandonPista (Pistacia Vera L) of the category in Central Asia is the small tree, which is 5-7 times reached 10 m. Professors SM MALLAYEV, GMLA, GLAYOV, GLI, is great in the study of large fruit shops of HondonPistist. The 9 varieties of Hondon Pistist by G.M.Chernova are created and promolished.

Plypistasents are mainly erected by seed sowing. Handon pistachio

Selected from healthy, non-damaged trees to build plantations

The seeds collected are used. The seeds are full, after cooking.

It is detained in sunlight for 4-5 days and is separated from the outer crust.

Strataphytical before planting seeds. This process is 30-40 days ivom

reaches it. Pistachio fruits are mixed in a ratio of 1: 3 with the wet lock. Unreserved

The seeds are cleansed and planted in the place. 3 days in a warm room of water in order to speed up stratification Stored, water is replaced 3-4 times a day. Seven seeds

As low as moisture is placed in cops and stored in room 7-8 days without escaping moisture and sprinkled with seeds at 9 days. Professor S. Sabayev (1987) Method of accelerating the startups recommended. His timeliness, pistachio seeds within 12 hours of warm (20 ° C) stored. Then mixed with sand in a ratio of 1: 3 and not exceeding 50 cm The layer is stored in 18-20 ° C. 11-12 seeds open and cut After the start of it, it is taken away from the Ustirshn. The descendants of the handon pistachi

can be planted in autumn, without stratification. If insects are degraded in the risk of damage to damage, seeds should be planted in the spring. Seeds are given to the soil granular for planting and in it should combine well with seeds in the soil. The stratified seeds of handon pistacia are placed at the depth of the following. The water is 4-5 cm in 4-5 cm on the water, at 6-7 cm in sand. Low - the best location of seeds in the typical descendants and seeds is 5-6 cm. The growth of the printer is moved from the beginning of the seed.

The period until the seeds will be planted is 20-30 days. At this time, the root reaches 27-50 cm deep, in July - in August, when the top layers begin to dry, it reaches a depth of 100 cm or more. At the end of the growth year of the growth year, the main root system of the handon pistachio will be 150 cm and the surface of the ground will be at a height of 7-15 cm. The fruit is very tasty, consumed, and used in the food industry, which has strong antioxidity properties. As a result of scientific research in recent years, the following recommendations for planting seedlings are given recommendations: placing trees in 6x7, 7x8, 8x8 m, i.e. 1 to 1 Achieving up to 150-200 trees on the field.



***BoboTog took the mountain in the state territory of forestry and is being prepared for planting the handonypist from the seeds and germination.***

The slope Nishab 11-15 0 0 trees are planted in 6x6 and 6x8 schemes and placing up to 1 hectare to 1 hectare. When the slope is 16-200, trees are sown in the 4x6 and 6x6 schemes, 300-400 in a hectare. At the same time, the number of men and female sexes as possible in plantations as good as possible, and pollination of the 1/7 ratio have been observed, and productivity increases. Especially when driving agro-technical measures is to drive agro-technical measures at a depth of 15-27 cm in the fall, pistachios, as well as nutrition work in the spring, as well as fed with local and mineral fertilizers Production with moisture and nutrients improves.

As a result, the overall annual growth and an increase in the leaf mass and the increase in pistasy productivity. This is why it is done ten years later, the yield of 1 hectare of pistachine increases by 3-4 marathical. In addition, the quality of pistachio fruit improves. Different diseases and pests are reduced.



***Planting seeds and sprouts of handon pistachio plantations***

## **CONCLUSION**

An advisable to build handon pistachio plantations in areas in areas not less than 200-350 mm, by planting handon pistachio plantations, sowing healthy seeds in a way. However, in some cases, the annual seedling is set up, the planting scheme is 5x4, 5x5, M mount 8x4, 8-paternal trees need to come in straightness. Because the pistas are harvested in 5-7 years after the construction is built. Of course, the use of recommended forms and varieties for this area is of high efficiency in building pistachio plantations. Otherwise, the work done can be shed. When building pistachio plantations, the features of growth and development should also be paid to the development of varieties. Because if the early spring columns are in the face of pistachios, this year is less form or may not be formed at all. 5x4 to the growth of pistars and seeds; 5x5; or the 6x6 m diagnosis should be planted sow. It gives the best results if there are 500, 400, 277 gathers on a hectare. Plyaculous care Agrotexniki should be placed on soil moisture and efficient use.

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