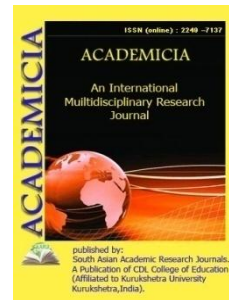




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MODERN EFFECTIVE METHODS OF GROWING LEMONS

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ABSTRACT

The Republic is rapidly developing the cultivation of lemon seedlings and the establishment of greenhouse farms that grow lemons. It is envisaged to further increase the export potential of this sector and to increase the level of employment and income of the population. This article focuses on the production of new and modern methods of lemon cultivation, the development of lemon cultivation kompleks on the basis of innovative technologies. The main advantage of the preparation of lemon seedlings, which we use, is that in the process of obtaining the stem of the cuttings, the Leaf provides the same cuttings with plastic substances, namely, energy and hormonal ones.

KEYWORDS: *Lemon Seedlings, Modern Method, Technology, Agriculture, Greenhouse Cultivation, Ekseks Development, Export.*

INTRODUCTION

The Ministry of Agriculture of the Republic of Uzbekistan, the state agency for forestry, the Uzbekozikovkatholding company, the Agrobank Commercial Bank and the lemon growers ' union of lemon growers and exporters was established in order to further develop the cultivation of lemon seedlings in the territory of the Republic and increase the volume of exports. With the rational use of natural areas and the use of intensive cultivation technologies, the cultivation of lemons by the establishment of special greenhouse farms in areas conducive to the growth of the lemon plant will gradually increase the volume of production of products for export as well as for the establishment of special greenhouses.

So, how is lemon grown on the territory of Uzbekistan?

As you all know, Lemon is a citrus fruit. That is, it is grown in greenhouses in Uzbekistan. Special attention is required to its care. The reason why the air of our country is relatively warm and moderate is that citrus fruits do not grow naturally in most of Uzbekistan. We take care of them in greenhouses. "In the greenhouse it is recommended to be 20-22°C in the summer-autumn and winter-spring season at 20-25°C, and in the evening-3 seasons at 16-18°C. The optimal relative humidity for the greenhouse is 65-75% until the onset of flowering 70-75 %. Then it is desirable that it was reduced to 65%." Almost all citrus fruits are grown on the territory of Uzbekistan. In particular, today Lemonade is considered to be the most developed network especially in this regard.

Experience of Uzbekistan in the direction of lemonade and how to multiply the lemon itself?

Currently, there are more than 150 varieties of lemon around the world. Great practical experience has been gained in the direction of lemonade in our republic for many years. In the greenhouse conditions in Uzbekistan, citrus fruits (lemons, tangerines, partially sinesin) are mainly grown from branches. In 7-12 years, when sowing from the seeds of the lemon plant is increased, when multiplying in a vegetative way with the help of sprouts, it enters the harvest after 2-3 years. In the conditions of greenhouses, the lemon is considered to have repeated flowering characteristics throughout the year – varieties "Pavlov", "Novogruzin", "Lisbon", "Kursk", and also low – grade - "Meyer", "Pandroza" varieties are grown. In addition, in the greenhouses of our republic the varieties "Uzbekistan", "Tashkent", "Eureka", "Ural", "Jubilee" are successfully grown.

In the cultivation of lemon varieties in greenhouses in the Republic, it is very important to take agrotechnical measures aimed at cultivation of lemon seedlings and their planting, care, soil composition, control of irrigation regime, fertilization, as well as fight against various diseases and their prevention and other types.

The most effective method of growing lemon seedlings is the reproduction of fruit plants from Green cuttings. The process of formation of additional roots in the green inflorescences of fruit, citrus and other plants passes mainly on the account of plastic substances that were collected earlier in the cuttings themselves, the amount of these substances to a certain extent depends on the length of the cuttings. Citrus crops can be propagated in all sorts of vegetative ways, as follows: planting tubers of woody or green cuttings, grafting buds or cuttings, weeding, etc.).

"The germination of woody or green cuttings gives the highest result in lemon among citrus plants. To do this, from the branches formed in his last year, cuttings with 3-4 eyes are prepared with a length of 8-10 CM." Taking into account the above, it was found that the age of the branches is important in the vegetative reproduction of well-developed citrus seedlings. The importance of the leaves in the cuttings is great in the fact that green cuttings take root and develop. The leaves perform basically two types of actions: photosynthesis (providing oxygen to the plant parts by synthesizing nutrients) and fermentation (constantly moistening the leaves by evaporation of water). With this method, we use the cultivation of lemons, that is, when preparing cuttings, there must necessarily be leaves in them.

The main advantage of the preparation of lemon seedlings, which we use, is that in the process of obtaining the stem of the cuttings, the Leaf provides the same cuttings with plastic substances, namely, energy and hormonal ones. The root-taking property of cuttings without leaves slows

down or does not form a root at all. Green cuttings of some types of fruit plants, which are completely removed from the leaves, may not form a root at all.

Cultivation of lemons in a modern way: using modern type, artificial fog-forming devices, on account of high humidity and constant fine dispersion of water droplets, the drying of the leaves in the cuttings slows down, or the leaves are completely preserved from drying. When growing lemon seedlings in the climatic conditions of Uzbekistan from Green cuttings in the conditions of artificial fog, in principle, we should pay special attention to the correct preparation of cuttings, as well as its subsequent care. Correctly selected deadlines allow the cuttings to take a large amount of roots, quickly and intensively form the root system, grow and develop buds. An important factor is also the preparation of citrus cuttings for certain periods of time. Some scientists believe that the optimal period of reproduction of citrus cuttings in the climatic conditions of Uzbekistan is summer and autumn, that is, in the first period of August.

In the climatic conditions of Uzbekistan, new species and varieties of citrus plants should be intensively reproduced from Green cuttings on the basis of new technology. We prepare lemon seedling cuttings mainly in may, June, July and August. To rapidly reproduce the seedlings of citrus plants, we use a new technology that has been specially developed.

On the basis of the new technology of dressing artificial fog, it is possible to multiply all varieties of lemons throughout the year, regardless of the age of the shoots from the cuttings, the cutting time of the cuttings, the different leaf satchels. For the training of specialists involved in the care of lemons on the correct conduct of agrotechnical activities, it is necessary to organize special preparatory courses. Participates in the training and retraining of specialists for the sphere, effective organization and coordination of their professional development work in Higher, Secondary specialized, professional educational institutions, as well as abroad.

The importance of soil in the cultivation of lemons. Lemon trees can grow on different soils, but they prefer mostly slightly acidic and well-drained soil. You can plant lemon trees at any time of the year in warm climatic conditions, if you regularly water them. In cold regions it is necessary to plant in the spring to protect it from Frost. Citrus develops in large dishes.

After planting a lemon, in what order is the water given? Water immediately after planting, and then the soil should be kept slightly moist.. Lemon grows best on moist, but non-moist soils. During the summer, you will need to irrigate your tree every 7-10 days. When feeding citrus fruits, we mainly use various local, organic and mineral fertilizers. Lemon trees usually bear fruit for two to three years, and harvesting depends on the variety of plants. The fruits of Eureka are harvested two to three times a year, the fruits of Lisbon once a year. Lemons are ready to be harvested when they have full color and taste. Lemon is harvested in a slightly glossy form, when the peel acquires a yellowish or only green color. The more long the fruit stands on the tree, the sweeter it will be, so it is recommended to collect and taste the berries in order to determine how the harvest develops.

How to grow a lemon tree in the open air, the lemon is more sensitive to frost than all other citrus trees. Due to this cold sensitivity, lemon trees should be planted on the southern side of the House. Lemon trees need protection from the cold. Therefore, in the climatic conditions of Uzbekistan, limonjets are mainly cultivated in transhees.

In conclusion, it is better to cut the lemon tree at the end of spring, at the beginning of summer, in order to multiply. Modern methods of growing lemons contribute to the good and high-quality harvest of lemon trees. Growing a lemon and multiplying it through green leafy cuttings. The reason is that the green leaf provides the cuticle with food and energy. Also, photosynthesis in it, that is, the process of food decay, gives the wedding. As the most preferred term when multiplying a lemon, we choose between May and August. Through technology and new innovative techniques, the need for labor is reduced, the yield increases, and it is better to multiply it in the cultivation of lemons. In modern greenhouses, lemons have a number of possibilities in their care, reproduction and nutrition. Most importantly, now new technologies are bringing a number of innovations to the greenhouse activity, in particular agriculture. In particular, time and quality are preserved by preparing sunlit lemon seedlings. Lemonade is the most profitable industry, and this citrus fruit is in demand in the domestic and foreign market with its many useful properties. By developing the lemonade industry, reducing the import of these fruits of Uzbekistan, on the contrary, bringing the export potential to the world market, is now considered.

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