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## COMPARATIVE STUDY OF THE LOCAL TMK 22 TOMATO VARIETY IN RELATION TO FOREIGN VARIETIES

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### Annotation

When growing tomatoes as the main crop, the quality of seedlings prepared for planting is a determining factor for the quality and quantity of the future crop. In accordance with the approved program, various phenological, biometric and other observational works were carried out on the experimental plot in order to compare mid-ripening tomato varieties TMK 22 and Maxintos and determine which of them is worthy of a long-term quality crop.

**Keywords:** Tomato, economy, selection, seed production, agricultural technology, variety, hectare

### Introduction

The decree of the president of the Republic of Uzbekistan dated October 20, 2019 “measures to optimize the sown areas of food crops and increase their production” and the decree of the president of the Republic of Uzbekistan dated January 26, 2020 “on additional measures to expand the production of food products due to reducing the area of grain production and replenish the, the expansion of their assortment and the provision of axoli with food were thoroughly considered and introduced into production.

According to the operational information provided by the Ministry of Agriculture of the Republic, in 2021, 11 million tons of vegetables were produced. 275 thousand tons of gross crop are grown, which corresponds to 325 kg per consumer. This, of course, is not the finish line, because along with the growing population of our republic, the development of processing enterprises and the export potential of our country at an accelerated pace necessitates an increase in vegetable production. Therefore, the production and production of vegetables is increasing every year.

On the way to solving these topical issues, we also studied the nutrition area, planting scheme and timing of planting and signs of productivity in the cultivation of tomatoes in a comparative way to the productivity and other indicators of foreign varieties of the native TMK 22 tomato variety.

Seedlings of tomato varieties were grown in the open part of the experimental area. Tomato seeds were planted in the nursery on February 15, 2021, nihols were harvested

for 6-8 days. After the seedlings were 50-55 days old, they were planted in the ground on April 5 in a 70x30 CM scheme.

When the qualitative characteristics of seedlings of tomato varieties were studied before planting, the following were determined. (Table 1)

Quality indicators of seedlings of tested tomato varieties

Types	Sapling height,	Number of leaves on seedlings, PCs	Number of heifers in seedlings, PCs	Grip of seedlings, %
TMK22	16,1	6,4	1,2	99,0
Maxintos	14,9	6,1	1,0	98,5

From the figures presented in Table 3.1.1, it turns out that seedlings of tomato varieties differ significantly from one-the other-before planting.

That is, the height of a seedling of the mid - 22 TMK variety was 16.1 CM when planting in the field, the number of leaves was 6.4 pieces, and the resulting full-fledged gunchisi, which was close to flowering, on average-1.2 pieces on each Bush.

These quality indicators have become to some extent inferior to the TMK 22 Variety, which is comparable in the overseas variety Maxintos.

The height of the neck of the nixoles of the Maxintos variety is 14.9 cm or 1.2 cm lower than the seedling of the TMK 22 Variety, while the leaves on the seedling are 0.3 pieces less, while the number of buds is formed by 0.2 pieces less.

The tried and tested varieties of tomatoes also differed from one another in that they differently shaped the upper vegetative part of the Earth, (Table 2).

Table 2 Trying tomato variety sprouts formation of the upper vegetative part of the Earth

Types	Length of the main stem, sm	Number of First Order branches, PCs	Second order number of branches, PCs	<sup>1</sup> leaf satxi on the Bush,dm2
TMK 22	65,4	5,4	6,1	68,0
Maxintos	65,4	5,3	7,1	69,9

According to the data from observations (table 3.1.3) from the studied tomato variety TMK 22 and the main stem height of Maxintos is almost the same indicator 65.4 CM. he made ni external.

The branches of the first order externalized 5.4 units in the TMK 22 Variety, and in the Maxintos tomato variety-5.3 units on average.

In conclusion, it can be said that high productivity can be achieved if a scientific approach to the study scheme is taken to be able to correctly select the period of study of the tomato varieties being studied comparative.

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### Literature

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