

**EFFECT OF THE METHOD OF SEEDLINGS GROWING
PERFORMANCE OF ICEBERG LETTUCE VARIETIES MODESTO IN
PROTECTED GROUND.**

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The results of the trials of growing lettuce varieties capitata Modesto seedling method in greenhouses. The influence of the method of cultivation and the area power plants seedlings during their growth, development and biometric indicators. The level of productivity, performance and marketability of the resulting products.

Cabbage lettuce, sorts Modesto, protected ground, seedling, cassette, performance.

According to studies, it should be noted that the appearance of full shoots and the formation of the first sheet occurred almost simultaneously in all variants of the experiment. Phase rosette awarded early in versions with method of cultivation and the use of cassettes with cell diameter of 6 cm - after 17 days from the appearance of full shoots. When using cartridges with a diameter of 4 cm cell rosette leaves formed after 20 days in cartridges and cell diameter 2.5 cm - 24 days.

Assessment of the quality of seedlings of lettuce varieties Modesto on biomecal indicators show that plants on time them in the greenhouse soil was almost at the same level in all variants of the experiment. The diameter of the rosette of leaves was the lowest for the use of cassettes with mesh size of 2.5 cm - 14.8 cm, 3.9 cm less than the reference version, in other embodiments, the figure was at the level of control.

As you know, an important indicator of photosynthetic productivity of plants and the quality of seedlings is the average area of the sheet and its surface. Thus, the largest of these figures were for growing seedlings in trays with diameter cell and 6 cm, respectively, accounted for 23.2 cm² and 102 cm²/stretch. The lower leaf surface area compared with the control characters, plants grown in trays with mesh diameter of 2,5 cm.

Thus, the study of the influence of the method of growing seedlings in the area of plant leaf lettuce have shown that the use of tapes, this figure increases with the area of nutrition and of seedlings grown under the scheme 4x4 cm.

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