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FLORICULTURE. THE IMPORTANCE OF SOME REPRESENTATIVES OF THE CARNATION FAMILY (CARYOPHYLLACEAE)

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Annotation:

This article presents information about the emergence of the field of flowering, the composition, importance of Representatives of the Carnation family (Caryophyllaceae).

Keywords: floriculture, Dianthus L. types of categories, saponin, alkaloid, phenol.

Human beings have used the flora that has been growing around them since ancient times for different purposes: as medicinal, edible and ornamental plants. Among them, medicinal and ornamental plants in particular have been of great interest in the human community, and the process continues. As proof, it can be said that Amir Temur grew all kinds of ornamental plants around his palaces, mir Alisher Navoi mentioned plants in his “Lison ut-tayr”.

Judging by the data of scientists of the last century, they write that the oldest ornamental plants are “lotos” and “roses”. Ancient monuments testify to the fact that these plants were used 5.5-6 thousand years ago.



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Floriculture is now one of the most developed areas. Floriculture and planting entered our republic from the Far East and began to spread gradually, first in Samarkand, and then in Bukhara and Kokand. Since the 20s of the last century, a botanical garden with an area of twelve hectares has been established under the Central Asian state university (now Milley University of Uzbekistan), where more than 60 varieties of flowers have been grown.

In order to develop floriculture and planting in the regions of the Republic, care of domestic and foreign flower varieties, popularize the secrets of Floriculture art among the population, further strengthen the export potential of agricultural products, the decision of the president of the Republic of Uzbekistan was adopted on August 4, 2021. According to the resolution, Andijan, Izboskan and Oltinkol of Andijan province, Namangan and Statabad of Namangan province and Zomin and Gallaorol districts of Jizzakh province are specialized in floriculture. In higher educational institutions of agricultural direction, personnel are trained in the specialty of Floriculture magistracy, it is intended to establish a large wholesale market of flowers and seedlings in Namangan, Samarkand regions and Tashkent City. As a result of this decision, relevant practical work is carried out on the further development of Floriculture and planting throughout the regions, the introduction and cultivation of domestic and foreign flower varieties.

The genus name *Dianthus* L is derived from Greek, meaning "Di" – God," antos " – flower meaning" God's flower". There are annual, biennial, and perennial species in the order *Dianthus* L, with numbers varying from 230 to 300 in different sources. 10 wild species of cloves grow in our Republic.

Species of the order *Dianthus* L are not only ornamental, but also have properties such as medicinal, honeydew, forage for livestock. It also stores alkaloids in the ground part of the cloves, essential oils in their flowers, phenol compounds in almost all parts of the body. They are characterized by the storage of flavanoids and various Antonians in their composition. The presence of poisonous acting saponins is considered one of the main signs of representatives of the family. Species of family representatives used as forage do not occur. But among the types used as medicines- Grijnik saminchopi is used in the medical field as a bleeding suppressor as well as a pain reliever.



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Species of the Carnation family are of great importance. Of these, especially in the field of Floriculture, most varieties of Chinese cloves, Turkish cloves, Uzbek cloves, Shabo cloves, Grenadine cloves and other types are grown.

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