

Botanical Description *Carum carvi* L. and Introduction in the Institute of DendrologyKamala SADIQOVA

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Aim of the study: One of the global problems of our time is the conservation of biodiversity. Now, great attention is paid to the use of valuable and promising plant in the national economy. The paper analyzes the introduction of Caraway in the Institute of Dendrology. Studied phenophases, economic, nutritional and medicinal value and identified the main of uses *Carum carvi* is a genus of perennial or annual plants which belong to semeistvo Umbelliferae (Apiaceae), a plant does not grow more than 1 meter in height. The genus includes about 30 species *Carum carvi* L. is grown in Egypt, Sudan, Ethiopia, some countries of the Mediterranean, Syria and Turkey, Iraq, Iran, India and Pakistan. Depending on the species of *Nigella Sativa* L is considered an annual plant. The plant likes fertilized soil and sunny sites. *Nigella Sativa* L is able to move any frost, so in winter it doesn't even need to cover.

Materials and methods: *Nigella Sativa* L is propagated by seed. Best of all, the plant develops if the seed sown to produce in the spring, as the top layer of soil still contains a lot of moisture, and cumin likes moist soil. Given the fact that of *Nigella Sativa* L seeds slowly germinate, they need to be soaked in water for 2 days, remembering to change the water from time to time. When the seeds germinate, they need to dry. Prior to sowing seed the soil dig over. Seeds buried for 2, 3 or 4 cm into the soil, it depends on the structure of the soil. Seedlings appear after 3-4 weeks. *Nigella Sativa* L blooms in the early to mid-summer. The flowers of *Nigella Sativa* L small size, white color, consisting of 5 petals. At the time of ripening of the fruit stem becomes first brown, and then completely dries. From the seeds of *Nigella Sativa* L toget the oil. The resulting oil has a tonic, improves cerebral activity properties. The oil of *Nigella Sativa* L calms the nervous system and for colds . Oil of *Nigella Sativa* L is used both internally and externally. In the summer, often in July, the harvest can be carried out immediately after flowering, as soon as the seed coat will be dark and, despite the fact that the plant is still green, the leaves begin to wither from the bottom - a sure sign that the power plants already began to spread seed pods. Plants are cut by sickle at a distance of 5 centimeters from the ground. It is very important to cut the plant in the evening or before dawn, so it was not dew.

Result: The purpose of the study was morphological and biological features and identify opportunities for the cultivation and importance in medicine. Institutions conduct research to identify useful properties of this plant. *Nigella sativa* L is almost irreplaceable natural product for gaining health, strengthen immunity and restore human forces after a long and debilitating illness. In folk medicine it is used to treat a huge number of different diseases.

Keywords: *Nigella sativa* L, propagated, seed, features