

## PHENOLOGY AND APPLICATION OF *MACLURA AURANTIACA* NUTT. SPECIES IN ABSHERON CONDITIONS

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**Abstract.** Phenological observations at different phases of vegetation on the species *Maclura aurantiaca* Nutt. introduced in Absheron and cultivated in cultural conditions (beginning of new shoots, budding phase (beginning, end), flowering phase (beginning, mass, end), fruit and maturation), the directions of use of the species were studied. The species *Maclura aurantiaca* Nutt., belonging to the genus *Maclura*, which has a multifaceted economic significance, decorative features and resistance to environmental factors, is widely used in the protection of greenery (laying fences and protective forest strips) in the dry subtropical climate of Absheron.

**Introduction.** In today's world, environmental protection is a pressing issue. Therefore, along with the development of the economy, raising the socio-cultural level of the population, the protection and rehabilitation of nature is always in the focus of the state. In solving such issues, it is important to improve the environment of residential areas and industrial enterprises, to build new recreation areas. In carrying out landscaping works, evergreen and deciduous trees and shrubs are widely used in accordance with local soil and climatic conditions, attracting attention with their decorative and exotic beauty. One of such plants is *Maclura aurantica* Nutt., which has a special place in the flora of Azerbaijan.

**Conclusion.** *Maclura aurantiaca* Nutt. is a very strong, long-lived plant. The composition of the fruits of this species is very rich, which allows it to be used in medicine for medicinal purposes. When branched, the tree can be shaped well. It is a valuable dye plant. As a result of scientific research, it became clear that the orange mackle type develops normally when provided with agro-technical care in the conditions of Absheron. Therefore, it is expedient to widely use the species *Maclura aurantiaca* Nutt., belonging to the genus *Maclura*, which has important economic diversity, decorative features and resistance to environmental factors, in the protection of greenery (laying fences and protective forest strips) in the dry subtropical climate of Absheron.

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