

Original article

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Prospects of Using Hedges in Urban Greening

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Abstract. *The role of hedges in an urbanized environment is diverse and multifaceted. They have been used in different countries since ancient times. In our time, it is impossible to imagine a modern city without molded and not molded, high and low, complex and simple hedges. They accompany pedestrians on city streets, squares and parks, protect from dust and gas, and help improve the microclimate in their zone of influence.*

Based on the examination of these elements, we have identified three types depending on their priority function. The first type performs the main function – decorative. Such hedges can have a complex multi-tiered structure, enliven the urban landscape with a bright colorscheme, creating a harmonious environment for recreation, or emphasizing or shading the architecture of buildings. The second type performs functions, primarily protective. In urban conditions, this is mainly protection against dust and gaseous vehicle emissions. Here it is important to choose an assortment of plants resistant to aggressive environments and the design of ordinary plantings. The option of using ordinary plantings of shrubs as elements of protective strips is also considered. Options for protective strips using certain structures and shrubs that are resistant to industrial emissions are given. All considered options for hedges can be recommended for the Ural region.

Key words: *hedges, protective functions of plantings, shrubs, landscaping of industrial zones*

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