

ANALYSIS OF ECOLOGICAL ROLE OF ELDER RED AND ELDER BLACK IN GREEN PLANTATIONS M. ZHYTOMYR

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Brought results of study of ecological role of elder of red (*Sambucus of racemosa* of L.), and black (*Sambucus of nigra* of L.). Quantitative participation is set, the prospects of the use of representatives of elder red are certain and black in the street planting Zhytomyr.

The red elderberry (*Sambucus racemosa* L.), elderberry (*Sambucus nigra* L.), ecological role, green spaces.

Maintenance of variety of genetic fund of arboreal breeds is the near-term task of present time, paid attention modern scientists by research devoted to the study of economic-valuable, anatomic, morphological, physiology, biochemical, and other features of shrub breeds, in particular elder red (*Sambucus of racemosa* of L.) and black (*Sambucus of nigra* of L.), in general lines known medical, melliferous, ефіроолійні properties of these kinds.

Having regard to an existent requirement in expansion of assortment of shrub kinds in planting of greenery Zhytomyr, by us the study of ecological role of elder red was conducted and black in green plantations Zhytomyr and the prospects of her use are certain.

Aim of researches : to estimate the ecological role of elder red and black in green plantations Zhytomyr. During implementation of researches before us next tasks were put: 1) to Define quantitative participation of copies of elder red and black in green planting Zhytomyr; 2) to Set influence fresh organic will fall off on soil; 3) to Give the perspective estimation of ecological role of elder red and black at the further planting of greenery Zhytomyr.

1. In planting of greenery of Zhytomyr an elder is red (*Sambucus of racemosa* of L.) and an elder is black (*Sambucus of nigra* of L.), almost not used and meets single copies on the whole on a city. The basic amount of plants is concentrated in куртинах on the sides of a road of motorways : Zhytomyr - Тетерівка 5-30 plants in

куртині, in the protective forest belts of microregion the Field 10-25 plants in куртині. 2. Basic ecological role is an improvement of quality of soil. Content of nutritives in soil on that grow an elder is red (*Sambucus of racemosa of L.*) and an elder black (*Sambucus of nigra of L.*) folds : to potassium (52 - 40,1 mgs/of 100гр. to soil), nitrogen (2,6 -3,7 mgs/of 100гр. to soil), phosphorus (10,4 - 17,9 mgs/of 100гр. to soil) 3. To use an elder red and black in the mass planting of greenery of city does not recommend, as research kinds do not have a high aesthetic allure, are fragile, have a specific smell during flowering, offer however, to land the copies of elder red and black in compositions that created on poor soils.