

**FEATURES OF REPRODUCTION GREEN CUTTINGS *KERRIA JAPONICA* AND *PHYSOCARPUS OPULIFOLIUS* F. 'DIABOLO'**

**V.M. Maurer, Yu.I. Kosenko, I.I. Kopchuk**

In connection with modern orientation to use for landscaping ornamental woody plants significantly increased the importance and role of vegetative reproduction. A significant share in the total volume of reproduction in domestic decorative nursery is now occupied by breeding separated from the parent species parts, in particular the rooting of green cuttings. Rooting them largely depends on the characteristics of the reproduction of plants. To improve the rooting of cuttings manufacturers often use growth substances to stimulate root growth substances of different origin. However, their use is not always scientifically accurate because it does not take into account the nature of the plant response to certain stimulants, which primarily depends on their biological characteristics. In this regard, particularly relevant study is examining the possibility of increasing the efficiency of vegetative propagation of ornamental plants separate from parental species parts by differentiated, evidence-based use of growth substances for cultivation of green cuttings before they are planted for rooting.

Studies indicate the presence of withspecific plant responses to action tested in the experiment substances for growth and efficiency of vegetative propagation of ornamental plants separated from the parent species parts by differentiation, the scientific justification for the use of stimulants for the treatment of cuttings before planting on rootin.