

SHORT COMMUNICATION

Influence of ecology factors on the walnut forests of Kyrgyzstan

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ABSTRACT

The article presents data on the importance of walnut-fruit forests in Kyrgyzstan, the protective and ecological role of natural walnut forests. It describes in detail the influence of abiotic factors and the ecology of walnut. In general, the climatic conditions of the walnut-fruit forest belt are favorable for the growth and development of walnut. However, a number of factors such as spring frosts, summer droughts, abnormally high temperatures in summer due to climate change negatively affect the condition and fruiting of walnut. Information is given on the ecological confinement of walnut and the types of walnut forests. Information is given on the influence of biotic and anthropogenic factors on natural walnut forests. Information is given on the influence of major pests and diseases on walnut forests. Due to pests and diseases of the forest, productivity decreases and the condition of walnut forests worsens. Effective biological measures to combat forest pests and diseases are needed. The solution to the issues of preserving natural walnut forests and their biodiversity is of great scientific and practical importance.

Keywords: Abiotic and biotic factors, natural walnut forests, walnut.