TEACHING CHERRY SHAPING AND PROPAGATION METHODS IN INNOVATIVE TECHNOLOGIES

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Annotation: This thesis analyzes modern approaches to teaching cherry tree shaping and propagation methods based on innovative technologies. It is shown that using digital educational tools increases students' interest in the subject, deepens their knowledge, and forms practical skills. The thesis reveals the importance of methods such as virtual laboratories, interactive simulations, and 3D modeling.

Keywords: cherry, shaping, propagation, innovative technologies, digital education, virtual laboratory, agrotechnics.

In modern agriculture, increasing the efficiency of fruit and vegetable growing, in particular cherry growing, and growing quality seedlings is of great importance. The technologies for shaping and propagating cherry trees are the basis of this process. Therefore, teaching students these agrotechnical processes in an effective and understandable way is one of the urgent tasks facing the education system. In this case, by introducing innovative technologies into the educational process, it will be possible to thoroughly form not only theoretical knowledge, but also practical skills.

Innovative technologies are understood, first of all, as digital educational tools - virtual laboratories, interactive simulations, 3D models, mobile applications and video lessons. Visually demonstrating the stages of growth of a cherry tree, shaping branches, and the processes of propagating by seed or vegetative methods through interactive tools arouses interest in students and helps to understand the topic more deeply. In particular, through real-time simulations, students can participate in the process of independently shaping a tree based on instructions. This is more effective than traditional methods.

Also, video tutorials, step-by-step graphic instructions and virtual experimental laboratories play an important role in teaching cherry propagation methods - seed, shoot, grafting and seedling preparation technologies. Through these technologies, students develop not only listening or reading skills, but also visual, analytical, comparative and decision-making skills. This, in turn, has a positive impact on their future professional preparation.

In conclusion, teaching knowledge and skills in shaping and propagating cherries based on innovative technologies is an integral part of modern agricultural education, which serves to form students' scientific approach, independent thinking and practical competencies. This approach not only increases the quality of education, but also allows you to train competitive personnel who are ready to widely apply effective agrotechnical measures in fruit growing.

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