

INTERDISCIPLINARY STUDY OF THE INFLUENCE OF RADIOACTIVE ELEMENTS AND SUBSTANCES ON PLANTS

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ABSTRACT

In the seventh grade of the secondary school, according to the course of physics, about the atom and the structure of its nucleus, based on some experiments, only initial information is given, and in the ninth grade this information is expanded. In particular, information is given on the properties of isotopes and natural, artificial radioactivity in connection with the structure of the atomic nucleus. The influence of α , β , γ rays and some isotopes encountered in this topic can be described in connection with biology. In this article, we will familiarize ourselves with the influence of radioactive rays on the cultivation and development of plants, the development of plants using iconic atoms and isotopes, as well as with processes occurring in a given period in plant cells.