THE USE OF ARTHROPODS AS TEST OBJECTS FOR THE DEVELOPMENT OF NEW BIOTECHNOLOGIES

Monograph



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The monograph studies the matters of the use of arthropods and mites as objects for the development of new biological technologies. The application of biosensor technologies in assessing the influence of miner caterpillars (Lepidoptera: Gracillariidae) on the process of photosynthesis in woody plants was demonstrated. The results of using insects as test objects (Diptera, Chironomidae) for studying the impact of feed additives on the environment were presented. The results of the development of an environmentally safe and cost-effective alternative to agricultural products fumigation with pesticides were shown.

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