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STRUCTURE OF MICROBIAL CENOSES IN ARABLE SOILS AND NATURAL ECOSYSTEMS

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Structural changes in the microbial cenosis of ordinary chernozem under different-intensity use were studied. It was found that the involvement of soil in agricultural production and the increase of anthropogenic load resulted in the enhancement of microbiological processes with increasing abundance of microorganisms participating in the decomposition of soil organic matter and their proportion in the microbial cenosis.

Keywords: fertility, anthropogenic factors, soil treatment, fertilizers, microbial cenosis, natural ecosystem, agrogenic soils.

