

THE VARIATIONS OF THE ACCUMULATION COEFFICIENTS OF THE RADIONUCLIDES DUE TO BIODESTRUCTION OF THE FUEL PARTICLES

T. N. Lashko, A. P. Lashko

Results of the vegetation and field experiments on studying the influence of soil biota on ^{137}Cs and ^{90}Sr accumulation by some agricultural plants from the soils of north (fuel) trace are presented. Data on three cultures (sugar-beet, clover, cabbage) and two strains of two soil micromycetes have been obtained. These results are the evidence of the fact that soil microbiota can be the factor which allows to change the intensity of radionuclide migration in the system "soil - plant" (by increasing or decreasing it).