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DECISION MAKING ALGORITHM OF THE REHABILITATION OF AGRICULTURAL LANDS CONTAMINATED WITH HEAVY NATURAL RADIONUCLIDES

Problem of rehabilitation of agricultural land contaminated with heavy natural radionuclides (^{210}Pb, ^{210}Po, ^{226}Ra, ^{232}Th, ^{238}U) was considered. Algorithm of decision making support on advisability of rehabilitation of mentioned land was suggested. Proposed algorithm was tested on the base of agricultural farmlands located in the affected zone of Pridneprovsky Chemicals Plant and its tailing dumps.

Keywords: heavy natural radionuclides, uranium, thorium, radium, lead, polonium, tailing dump, rehabilitation of agricultural land.