Optimal regime of regulation of *11$^{5(1)}$ y Nocardiophsis dassonvillei* destructive activity

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The influence of combined effect of ultraviolet radiation (UV), ionic and non-ionic detergents, radiation and detergent has been studied on the destructive activity of *11$^{5(1)}$ y Nocardiophsis dessonvillei* cells. Dynamics of different concentrations of selected detergent has been shown. Lethal dose (LD_{50}) of UV radiation, Inhibitory concentration of detergent (IC_{50}) and optimal time of incubation with the cells has been established. After the combined action of LD_{50}/IC_{50} on *11$^{5(1)}$ y Nocardiophsis dessonvillei* cells, optimal regime for reduction of the destructive activity of the strain has been identified, on the basis of alteration of some functional characteristics.