# OPTIMIZATION OF IMPLEMENTATION OF ANTIRADIATION MEASURES IN AGRICULTURE AT THE RADIONUCLIDE CONTAMINATED TERRITORIES

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For 69 settlements of Rovno, Zhitomir and Volyn' regions, where the effective dose of irradiation to population in 2006 exceeded the permissible level of 1 mSv/year according to the last official dosimetric survey, the information was acquired and necessary experimental works were carried out in order to update the ReSCA database for optimization of the countermeasures application and for development of the remediation scenarios for the critical settlements of Ukraine. It is shown that application of the traditional countermeasures at the relatively small expenses for their realization enables to reduce the doses to the critical groups of population below the permissible level.

*Keywords*: ReSCA, critical settlements, antirad measures, radionuclide contamination.