

**CHANGES IN THE POPULATION STRUCTURE OF STEM RUST AGENT
(*Puccinia graminis*) UNDER LOW DOSE CHRONIC RADIATION**

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The data concerning the changes in population structure of *Puccinia graminis*, a causal agent of stem rust under low dose chronic radiation are present. The structure has been changed in 10-km ChNPP zone by appearance of a new population with high frequency of more virulent clones as compared to other regions of Ukraine.