

Invention relates to biotechnology and microbiology, specifically to biological preparations consisting of effective microorganisms for the environmentally safe decomposition (degradation) of organic matter, and can be used for the rapid, effective processing of organic waste, including the treatment of domestic and industrial wastewater, composting of organic waste, decomposition (degradation) of animal manure and poultry litter, and the removal of organic contamination from soil. The biopreparation of the invention can also be used for the purification of water bodies, odor neutralization, and the cleaning of sewage facilities in household conditions and various industrial fields, including the food industry and agriculture. A microbial biopreparation for the degradation of organic waste in the form of a mixture of bacterial strains *Cellulomonas* sp. 3-1 IMB B-7303, *Rhodotorula* sp. CB-1 IMB Y-5041, and *Bacillus* sp. BC-1 in an effective ratio.