

Intensifying the Method of Disinfection of Chicken Manure Storage Cards Sludge with Polyaminol Preparation

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Abstract: The analysis of methods of disinfection of biogenic sediments was carried out. The research was conducted and measures were developed to intensify the disinfection of waste generated at poultry farms. The dosage of the preparation was determined experimentally based on the physicochemical and bacteriological initial indicators of the sediment. The characteristics of the treated chicken manure were determined. To ensure uniform distribution of the disinfectant liquid over the sediment surface, the method chosen is irrigation of storage areas. The task set is solved by calculating the parameters of a perforated pipeline using a method based on the principle of determining the minimum length for the task of connecting a group of points on a plane by the shortest path.