

Sorption Process for Migration Reduction of Pesticides from Graveyards – Katarzyna Ignatowicz

Summary

The paper deals with the study upon the possibility to reduce migration of deposited pesticide wastes by using natural and waste sorption agents that would make a screen against plant protection means penetration into the hydrosphere. Sewage sludge from dairy treatment plant “Mlekovita” in Wysokie Mazowieckie as well as the same sludge with sawdust composted under natural conditions in Rudka Forestry Inspectorate was applied as natural sorption agents. Freundlich’s and Langmuir’s isotherms revealed that raw (no composting) sewage sludge showed better sorption features towards chloroorganic pesticides.