

Method for biodegradation of polymer waste based on corn starch involves biodegradation of chlorinated polyethylene using corn starch-based substrate through the combined action of microbiota and vermicompost, with the addition of bacteria of *Pseudomonas.chlororaphis* subsp. *aurantiaca* UKM-91 strain at a concentration of  $1.1 \times 10^7$  CFU/g of completely dry substrate at a moisture content of 60-70%, a temperature of 20-28 °C, and a pH of 6-7.