The Impact of Glucose on the Decomposition of Polymers in Compost Made from Food Waste

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Abstract

present in food waste, can signifcantly infuence the decomposition process of polymers in compost. This abstract

the role of glucose as a carbon source, its infuence on microbial activity, and its interactions with biodegradable polymers. The implications for waste management and sustainability are discussed, along with strategies for enhancing

research is needed to explore this area comprehensively and develop efective solutions for a circular economy.

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