

# Biopolymers and Bioplastics

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**B**iocontrol agents are beneficial microbes used to control agricultural pests including fungi, insects, weeds, and bacteria. Their efficacy depends on effective formulations and delivery systems to facilitate production, maintain viability during storage, facilitate field application and enhance effectiveness on crops. Starch-based bioplastics possess a number of unique properties that make them advantageous for biocontrol formulations. They are available in various forms that facilitate delivery and efficacy. In each form used, the starch component of the bioplastic plays key roles. In granule formulations, the starch-based bioplastic component enables adsorption of spore suspensions with good viability retention and provides a nutrient source for the fungus.

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