

ALL ABOUT BIOPLASTICS

According to National Geographic, Bio plastics are simply any plant-based plastic. While this may seem like a perfect alternative to single use plastics at first glance, Bio plastics aren't a perfect science yet. Many factors must be taken into consideration when growing plants to make Bioplastics. Some of the most pressing concerns are diverting precious land used to grow food for humans into land to grow food to make plastic and the use of polluting fertilizers have a detrimental environment on the surrounding environment. However, when bio plastics decompose they don't release the Carbon Dioxide back into the atmosphere like normal plastics do.

Bio plastics will only degrade in a reasonable timeline if they are under the intense heat of an industrial composting facility. Otherwise, they must be thrown into a landfill or sometimes can be put in a recycling facility where they will decompose at the same rate as any other industrial plastic.

The bottom line is that if you wish to invest in using Bioplastics do your research to verify that there is an industrial composting facility near you and that the biomaterial used was sourced from a sustainable farm.

(<https://www.nationalgeographic.com/environment/2018/11/are-bioplastics-made-from-plants-better-for-environment-ocean-plastic/>)

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