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# Tokyo Tech Study Reveals That Bioplastics Can Be Transformed Into Fertilizers

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On October 28, 2021, the Tokyo Institute of Technology (Tokyo Tech) announced that several of its scientists discovered in a study that [bioplastics can be chemically recycled into nitrogen-rich fertilizers in an environmentally friendly manner](#). Assistant Professor Daisuke Aoki and Professor Hideyuki Otsuka led the study hoping to address plastic pollution, petrochemical resource depletion, and world hunger. In their novel method, plastics produced from biomass (bioplastics) are chemically recycled back into fertilizers.

The study was [published](#) in *Green Chemistry*, a Royal Society of Chemistry journal focused on innovation research on sustainable and eco-friendly technologies.

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