

Analysis of Biogas Manure Production from Flower and Kitchen Wastes

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Abstract

Biogas manure is a by-product obtained from the biogas plant after digestion of biomass for the generation of methane rich gas. Biogas manure supplies essential nutrients, enhances water holding capacity and soil aeration, accelerates root growth and inhibits weed seed germination. Although the effects of biogas fertilizer returning to farmland are good, still cannot be used widely in India. In this study, availability and efficiency of biogas manure released from flower and kitchen waste after fermentation was analyzed. The results show that the manure released after processing of biogas is nutrient rich and can be used as a high quality organic fertilizer.