BIOGAS PRODUCTION THROUGH ANAEROBIC DIGESTION OF PRESSMUD AND COWDUNG

Y. Kavya*, A. Vijaya Gopal, R. Subhash Reddy and M. Sreedhar

Department of Agricultural Microbiology & Bio energy, College of Agriculture, Acharya N. G. Ranga Agricultural University, Rajendranagar,Hyderabad-500030. E-mail: kavyayerasi160@gmail.com

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Abstract: Biogas is a readily available energy resource that significantly reduces greenhouse-gas emission compared to the emission of landfill gas to the atmosphere (Nabuuna and Okure, 2005). Being a source of renewable natural gas, it has been adopted as one of the best alternatives for fossil fuels after 1970's world energy crisis (Imam *et al.* 2013).

Keywords: Biogas, Production, Atmosphere, Energy

REFERENCES

Agrawal, K.M., Barve B.R and Khan, S.S. (2011). Biogas from pressmud. *Journal of Mechanical and Civil Engineering*. 37-41.

Imam, M.F.I.A., Khan, M. Z. H., Sarkar, M. A. R and Ali, S. M. (2013). Development of biogas processing from cow dung, poultry waste and water hyacinth. *International Journal of Natural and Applied Science*. 2 (1): 13-17. Nabuuna, B. and Okure, M.A.E. (2005). Field-Based Assessment of Biogas Technology: The case of Uganda.

Pound, B., Done, F and Preston, T.B. (1981). Biogas production from mixtures of cattle slurry and pressed sugar cane stalk with and without urea. *Tropical Animal Production.* 6 (1): 11-21.

Sagagi, B. S., Garba, B and Usman, N. S. (2009). Studies on biogas production from fruits and vegetable waste. *Bayero Journal of Pure and Applied Sciences*. 2 (1): 115 – 118.

*Corresponding Author