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HEALTH AND ENVIRONMENTAL BENEFITS OF UTILIZATION OF POST-FERMENTATION PULP FROM AGRICULTURAL BIOGAS PLANTS AS A NATURAL FERTILIZER

Summary

Anthropogenic changes of climate, related to the rapid increase in consumption of fossil fuels, call for the search of new forms of energy and heat production, and reduction of the destructive impact of wastes on the environment. Growing amount of wastes from both agricultural and livestock production poses a major problem for further development of farming. One of solution of the problem might be an increase in the number of biogas power plants producing biogas from agricultural wastes and valuable fertilizer product – post-fermentation pulp. The article presents issues related to the use of the post-fermentation pulp as an organic fertilizer and discusses environmental benefits from use of this kind of fertilizer especially in organic farms.