

## **BIOGAS PRODUCTION BY DIGESTING OF AGRICULTURAL ORGANIC WASTE**

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This research enterprise proposes summary of a long series of a lot of biogas experiments, dealing with the co-fermentation of liquid pig slurry as a basic substance and different agricultural organic wastes, main and by-products. The utilization of these materials as an energy source spells large income for the agricultural enterprises, saving the replacement of plant nutrition utilization of bio-manure, increases the performance of the plant production, making harmless the dung which means a big environmental load. Because of the profitability of bioenergy utilization depends on the local conditions it is necessary to do experiments to try the available composition of organic wastes in the ratio of the production in advance. The experiment simulated real biogas plant conditions, in mesophilic temperature, continuous biodegradation process. It can be considered, as a semi industrial size digestion process.