

95-0342

The invention relates to the bioenergetics, namely, to the processes for biogas production, which may be used for heating, electric energy generation, as the fuel for internal-combustion engines as well as for aerobic fermentation in the apparatus for protein biosynthesis and obtaining the fertilizers of improved quality.

The summary of the invention consists in the fact that the biogas production process is conducted into the bioreactor by means of anaerobic fermentation of the redundant active silt with addition of the cattle dung in the ratio of 1:5.

The technical result consists in the fact that the dung containing increase the biological activity thereof and as a result the microorganism metabolism one, that leads to the three times increasing the biogas volume in comparison with the known processes.