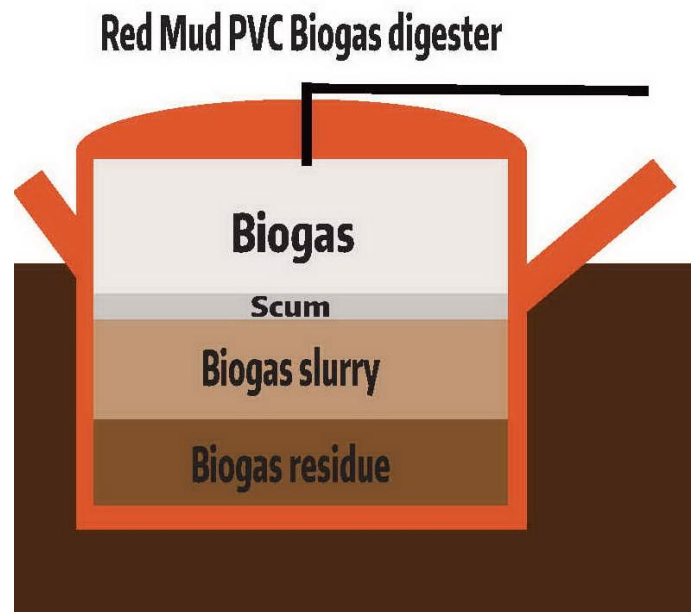


Useage of biogas technology in China

As a renewable resource, biogas has been used in China for more than century. With the development of modern science and the improvement of the use of technology, biogas plays a pivotal role in the entire agricultural ecosystem of China.

In the whole process of anaerobic digestion, in addition to a large

amount of biogas, biogas slurry and biogas residue will also be produced, and they are the main sources of nutrients required by plants and soil.



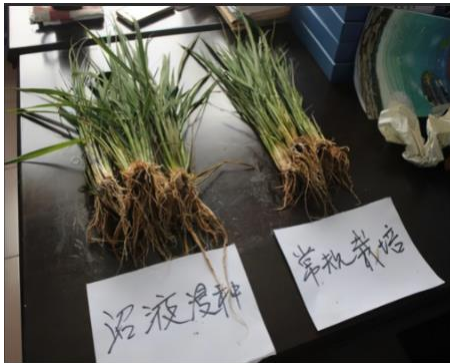
Biogas slurry:

Parasites and harmful pathogenic microorganisms in biogas slurry have been killed during digestion. Therefore, pigs and chickens can be fed with biogas slurry in breeding industry. All you need to do is to set aside the floating foam on the biogas slurry, and take the clear liquid from the middle of the slurry and filter



it through gauze, then add it to the feed and stir it into fluid

material. Biogas slurry can also be used in various ways in planting industry. For example, soaking plant seeds in biogas slurry can improve



the germination rate of seeds. Spraying the leaves with biogas slurry can provide nutrients and prevent some pests and diseases. In



addition, biogas slurry is often used in vegetable and orchard.

Biogas residue:

Directly removed from the bottom of biogas digester, its solid content is about 10%, can be used as fertilizer. And

put it directly into the fruit tree pit. The other crops should be directly applied in the soil. Biogas residue contains more



humus, which has a good improvement

effect on soil quality and also plays a role in increasing

production. Combined application of biogas residue with nitrogen fertilizer



can reduce N loss, improve the utilization rate of chemical fertilizer, and also can cultivate earthworms and mushrooms.