

How Birds Help the Agriculture Ecosystem

Across the globe, birds are one of the few largest groups of species of which almost every habitat comprises of. Irrespective of the region, the presence of birds can always be felt wherever you go even if you don't see the animals themselves. Their activities have innumerable effects on the environment they inhabit, the consequences of which establish the birds as beneficial animals for the general functioning of a variety of ecosystems. The agricultural ecology is no different.

Birds provide the biggest assistance to any biological community which engages in agriculture – they are no new to serving as an aid to organic or alternative farming across the globe and the following pointers will highlight the role which these animals play. [Click More..](#)



Usefulness of Bees in Agriculture

Think of a day without any healthy food or your favorite vegetables in dishes. It is quite impossible to live without agricultural crops. Thus, it is impossible to avoid the importance of bees in agriculture. Honeybees and crops coexist together and are dependent on each other.

Let's about read some usefulness honey bees in agricultures. [Click More..](#)

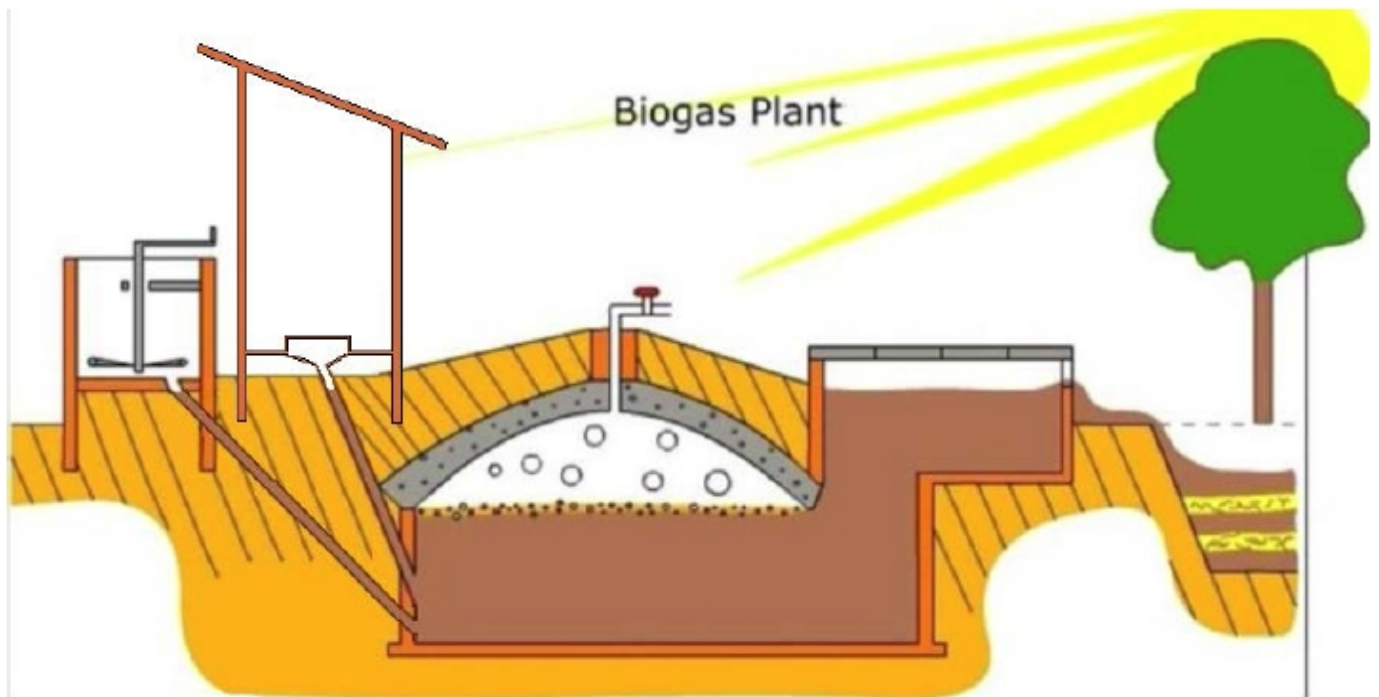


Bioslurry: A unique organic fertilizer for crop production

Biofertilizers has potential of replacing inorganic chemical fertilizers to help our soil regain its natural fertility. Some biproducts of organic manufacturing plants are sources that can be used as additional substitutes. These biproducts also contain nutrition that actually amend the soil and allow the plants to absorb the essential nutrients from the soil. Bioslurry is one such bioproduct coming from biogas plant.

Bioslurry

Bioslurry is a by-product of biogas plant. When organic substances (cowdung, poultry litter, kitchen waste etc) decompose in an airtight digester (biogas plant), biogas is generated from the biogas plant. The remaining part of organic substances that comes through the outlet of biogas plant in a semi-liquid form is called bioslurry (Fig. 1). Mainly cowdung and poultry manure are used as raw material for biogas production. Hence bioslurry is of two types: cowdung based bioslurry and poultry litter based bioslurry. Let us now see how bioslurry, a byproduct of biogas produced from cowdung and biowastes renews our soil to organic rich state. [Click More..](#)



Organic materials
(cow dung, poultry litter etc.)

Anaerobic
fermentation

Biogas + Bioslurry

Organic materials are fed into the digester where they undergo anaerobic fermentation, producing biogas and bioslurry. The biogas is used for cooking and heating, while the bioslurry is used as a fertilizer.



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