

Making enriched biofertilizer

Biofertilizer management

First, place bottle in warm shady place out of direct sunlight and collect 30 kg of fresh cowdung to bottle and add water. Stir with a wooden stick, dissolve 5kg of brown sugar in hot water and let it cool and also dissolve 2 packets of yeast of 170g into completely warm water.

Similarly, add sugar into water to activate yeast and a thick layer of bubbles form in less than 1/2 an hour. Add sugar solution and yeast to the bottle while continuously stirring the mixture and fill the bottle 1/2 way with water, chop up 10kg of fresh alfalfa leaves, add it to the bottle and keep stirring and add 5kg of ash.

Add 5kg of pig or chicken manure to the mixture and never use droppings from commercial chicken as they contain chemicals that can kill good microbes. Add 2l of yoghurt or 10l of raw milk to the solution, 2kg of eggshells and fill up the bottle with water up to 15cm from top.

Furthermore, Make a small hole in lid and put a gas nipple in it and cover the bottle with lid and direct nipple to the water. Biofertilizer is ready in 2-3 months depending on weather and ingredients used and when ready, it is greenish brown with white cream on surface.

Use fertilizer immediately as it degrades with storage and filter the biofertilizer and spread the residues in the field. Apply fertilizer on crops after filtering by putting 2l of biofertilizer in 20l of water and spray on most crops.

Finally, do not apply fertilizer on crops flowering and spray before 10:00am.