

Making Lactic Acid Bacteria Biofertiliser

Lactic acid bacteria are good at breaking down organic materials to release nutrients. Multiplying them makes them important and can be used as a biofertilizer. To make lactic acid biofertilizer, you need a small 2-liter container that's not made of metal, a 5-liter container, a cover, and a sieve.

Making bio-fertilizer

The ingredients needed include 250g of rice, 1 liter of non-chlorinated water, 100g of bran, and 4 liters of milk.

Begin by putting 250g of rice in a container and adding 1 liter of water, cover with a cloth and fasten the cloth with an elastic cloth. The cloth prevents the entry of insects but allows the entry of air.

Leave the mixture to stand for 2 to 3 days. Pour the water off the rice and add about 100g of bran to the water and cover with a cloth.

Leave the mixture again to stand for 2 to 3 days, and after the 3 days, use a sieve to separate the bran from the water.

Add 4 liters of milk and once again cover with a cloth and leave for 2 to 3 days.

After this, the biofertilizer will be ready for use but can be stored in a refrigerator or sugar added to store.

Biofertilizer uses

Lactic acid bio-fertilizer can be used to improve the quality of compost, fertilize vegetables by spraying it under the leaves and feeding livestock.

Always dilute the mixture in a ratio of 1 part lactic acid bacteria to 1000 parts of water before use.