

BIO DIGESTER - a bio-pest control



Bio-digester is used to convert organic wastes, insecticides and medicinal plants into a nutrient rich liquid bio-pest control.

Bio-centre at Bangalore initiated a study seeking interactive ideas from farmers which led to the discovery of 67 medicinal herbs and methods of preparing their ferments which are capable of producing a liquid having a dual effect of manure and pesticide.

Following the scientific study of alkaloids, their properties revealed at least 20 herbs along with cow dung, cow urine that can effectively

play the role of liquid manure as well as bio-pest repellents apart from control of diseases and the enrichment of plants.

The final juice comes out of the Bio-digester after 45 days of fermentation and can be sprayed or fed through drip in-irrigation.

This gives wonderful results such as disease free enriched plants, vegetables and fruits out of such organic farming. Better taste, better appearance and above all this liquid manure combat pests, works as a better micro-nutrient and immunity booster at an economical price.

Economics: The cost of constructing a Bio-digester is Rs 25,000. The capacity is 500lts.