

BioSoul-DC Rapid

INTRODUCTION OF PRODUCT

KK Agrotech is one of the trusted brand in the production of various organic fertilizers, biofertilizers, various organic inputs and enzymes. KK Agrotech's decomposing culture (Trade name: BioSoul-DC Rapid) is a very effective consortium of bacterial and fungal species which have been isolated by KK Agrotech's research team from various biodiversity. These microbes have been selected based on their effectiveness to decompose cellulosic matter to organic compost which is very useful as fertilizer / manure in agriculture. In addition to its benefit in traditional farming it can also be used as organic manure for organic farming.

This product is presently used by various sugar factories for aerobic composting of Press mud and distillery spent wash. Our composting system has also been very useful in efficient management of spent wash for sugar factories with distilleries. It is also a very effective product for composting of agricultural waste / residues (all types of dried plants, stems, leaves, stalks, etc) to produce very good quality farm yard manure. Several farmers across India have been using our biocomposting system and have greatly benefited from the savings resulting through its use.

Our composting culture system contains carefully isolated bacterial and fungal strains of the following species.

Trichoderma reesei

Aspergillus oryzae

Aspergillus niger

Bacillus subtilis

Pseudomonas

The above strains have been selected through rigorous selection criteria. Together the above strains produce various cellulytic enzymes such as cellulase, hemicellulase, Pectinase and other enzymes such as amylase, beta-glucanase etc. which are key to the composting of sugar factory press mud and other cellulytic wastes. Also, all the above strains are either thermophilic or mesophilic in nature. Hence, they are able to withstand the high temperatures (70-80°C) during the composting process.

