

**Analytical report of press mud compost sample received from a sugar mill in
Andhra Pradesh after treating with Fermsept-PM**

Sample Details : Compost sample from sugar mill

Received in : May, 2013

Analytical results:

Parameter	Value
pH	7.04
Moisture content	32 %
Conductivity	3.70 mS/cm
Organic matter	38.08 %
Total Organic Carbon	22.09 %
Total Nitrogen	1.6 %
C:N ratio	13.8:1
Total Phosphates	31.25 mg/kg
Potassium (as K ₂ O)	625 mg/kg
Calcium as Ca ⁺²	1160 mg/kg
Magnesium as Mg ⁺²	72.9 mg/kg
Iron	12.13 mg/kg
Manganese	Traces
Zinc	Traces
Copper	Traces
Boron	Traces
Total Bacterial count	3.6 X 10 ⁸ cfu/g
Total Fungal count	8.1 X 10 ⁵ cfu/g
Total Actinomycetes count	2.5 X 10 ⁵ cfu/g
Total Azotobacter sp. count	1.2 X 10 ⁴ cfu/g
Total Phosphate solublizers	2.1 X 10 ⁴ cfu/g

Dated : 14-06-2013
