

# Enrichment Vermicompost Production Technology

## Process

- Bed of cow dung and legume leaves (3:1)
- Add bio-fertilizers; Azospirillum + PSB + PMB @ 100g each/quintal of raw material.
- Mixed culture of earthworms (*Eudrilus euginea* + *Eisenia foetida*) should be added @ 1000/q
- Turning of bed after 25-30 days Vermicompost gets ready between 60-70 days.



## COST ECONOMICS

Production scale	20 tons /year
Fixed Cost	2.0 lakhs
Working Cost/unit	Rs. 3000/t
Return/ unit	Rs. 8000/t

## Nutrient content in vermicompost

Parameters	Conventional	Enriched
pH	6.7	6.8
OC %	11.2	11.88
OM %	18.5	20.46
N %	0.8	2.0
P %	0.4	1.0
K%	1.0	2.0



## Market Potential

Total area - 1000 ha, Application rate – 2t/ ha Total  
 Production- 2000t  
 Total fixed cost – Rs. 20 lakhs Total working cost – 60 lakhs,  
 Total Return- 1.6 crore Royalty @ 4.5% - Rs. 360/t  
 Total-7.2 lakhs

