

**Demonstration of appropriate utilization of bio-manure produced by
Associated Alcohols & Breweries Ltd consequent to value addition by TERI**

[Sponsored: Associated Alcohols & Breweries, Barwaha]

Executive summary

The concept of integrated nutrient management incorporates the improvement and maintenance of soil fertility for sustaining increased productivity by optimizing all possible organic, inorganic and biotic sources of plant nutrients for crop growth and quality in an integrated manner appropriate to each cropping system and farming situation in its ecological, social and economical possibilities.

In order to identify a suitable combination of chemical fertilizer, vermicompost, and biological software (VAM & PSB) and their combination have been compared with each related treatments. It was found that application of microbial enriched vermicompost is most suitable for crop yield enhancement per unit area. The above initiation was undertaken in collaboration with Associated Alcohols & Breweries Limited, Barwaha (MP).