

**EFFECT OF BIOCOMPOSTED SUGARCANE TRASH
AND BAGASSE ON SELECTED CROP PLANTS AND
SOIL NUTRIENT STATUS**

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80_Recommendations

- Composted sugarcane trash and sugarcane bagasse may be applied to maximize yield of different crops and soil fertility.
- The hygroscopic nature of sugarcane trash and sugarcane bagasse, its ability to exchange stored moisture with the atmosphere can be exploited for the cooling effect.
- Effect of sugarcane trash and sugarcane bagasse along with farmyard manure application to different soils and cropping system in the long run can be studied.
- Compost can be sold to local farmers and fielders which is an elegant solution to solve the problem of using chemical fertilizers and soil pollution.
- Create awareness to public of the importance of organically grown plant growth based products
- Press mud, a by-product of sugar manufacture and a cheap alternative to chemicals may offers opportunities to farmers to efficiently use even poor-quality ground water and improve crop productivity and soil fertility.
- Application of farmyard manure along with the composted sugarcane trash and sugarcane bagasse can results in the improvement of soil quality and long-term sustainability of degraded soils.