

This study was conducted to see the effects of adding rice husk biochar in different quantities to see its effect in GHG emission and final compost quality. In the given conditions, addition of biochar was effective in decreasing N_2O and CO_2 emission significantly. However, no significance difference was seen in CH_4 emission. On the other hand, compost quality with better degradation and C/N ratio was observed. Nevertheless, future investigation relating microbial community and structural characteristics of biochar are needed to understand mechanisms influencing composting process.
