Journal Name: Journal of Advances in Microbiology
Manuscript Number: Ms_JAMB_37358
Title of the Manuscript: Utilization Potential of Kitchen Waste Sludge as Organic Fertilizer

General guideline for Peer Review process:

This journal’s peer review policy states that NO manuscript should be rejected only on the basis of 'lack of Novelty', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)
## Compulsory REVISION comments

The work appears OK. However, the findings and observations demand more explanations / clarifications:

1. Maize seeds did not grow at all in UKW, but grew well in TKW. Is this drastic difference due to increase in the nutrient content only? To note that the increase in N, P, K does not seem to be phenomenal. Does the reduction in heavy metal content (those of Zn, Cu, Pb etc.) contribute to this? Authors must explain this more explicitly.

2. Do the isolated microbes play any role in the higher fertility displayed by TKW? Do explain.

3. TKW is more acidic than UKW (TKW is of lower pH). Could this adversely affect plant growth in acidic/alkaline soil?

4. Above all, kitchen wastes collected at random would have varying compositions and this study appears to be for a specific case only. If that is so, this limitation must be mentioned in the Abstract as well as under Conclusions.

## Minor REVISION comments

NIL

## Optional/General comments

NIL

## Reviewer Details:

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