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| Journal Name: | [**International Journal of Plant & Soil Science**](https://journalijpss.com/index.php/IJPSS) |
| Manuscript Number: | **Ms\_IJPSS\_136393** |
| Title of the Manuscript: | **Aerobic composting of antibiotic-contaminated manure: Degradation processes and their effects on greenhouse gas emissions. A review.** |
| Type of the Article | **Review** |

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|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her  feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this**  **part.** | **Yes, it is important for scientific community for eco-friendly environment.** | It shows how composting can reduce antibiotic residues and greenhouse gas emissions in livestock manure. It identifies key factors that affect antibiotic breakdown and gas emission patterns. The results advance environmentally friendly manure handling methods and guide further studies in agricultural and environmental sciences. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes. | Yes. But after reading reviewer comment I suggest **Aerobic composting of antibiotic-contaminated manure: Degradation processes and their effects on greenhouse gas emissions. A review.** |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | Yes. Add some keywords w.r.t. research topic. | I believe the abstract is adequate. The keyword to be added is antibiotic degradation |
| **Is the manuscript scientifically, correct? Please write here.** | Yes | Yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Proper recent references are required. | The references are adequate |
| **Is the language/English quality of the article suitable**  **for scholarly communications?** | Yes | Yes |
| **Optional/General** comments | The scientific community needs to be aware of using such indices. | The review was conducted using a transparent, reproducible methodology as noted with PRISMA guidelines  We hope the supplementary materials information at the end of the paper will be put in a separate file. |

**PART 1: Comments**

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | None |