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| Journal Name: | [**Asian Journal of Advances in Agricultural Research**](https://journalajaar.com/index.php/AJAAR) |
| Manuscript Number: | **Ms\_AJAAR\_132653** |
| Title of the Manuscript: | **Influence of Trichoderma viridae and Pluerotus sajarcasu in facilitating vermicompost from slowly degradable organic materials with high cellulose, starch and lignin content** |
| Type of the Article | **Original Research Article** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. 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.** | The research is essential, organic waste represents a largely untapped resource that could be utilized for the production of value-added product through various conversion pathways and it is addressing the global demand for waste management and climate change mitigation. It demonstrates how microbial degradation to cellulose rich organic waste offer solution to waste management. | Noted |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | My opinion is the title of the article is very suitable. | Ok |
| **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.** | **The abstract of the article is comprehensive and scientifically sound;**  But the author should incorporate specific sustainable development goals (SDGs) on the research area to bring out the whole of globe approach to Cellulose rich organic waste management. | Noted |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically correct, robust and technically sound to my opinion, since it intends to give insights on:**   * generated cellulose rich organic waste management and the circular economy   But the Author should speak on what happens to the end product after Vermicomposting, what next? Where does he/she take the remains of vermicomposting process? Could he/she talk of value addition product to close the loop?  He/she should recommend steps to accelerate commercialization and policy frameworks to incentivize value addition solutions using this vermicomposting process. | Thanks |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **NO, they are NOT sufficient enough for this manuscript and the author should avoid including outdated references, therefore I will suggest that he uses current literature and references in citations** | Added recent references |
| **Is the language/English quality of the article suitable for scholarly communications?** | **The language is ok and suitable for scholarly communications** | Ok |
| **Optional/General** comments | **In general, this paper is well organized and written, and I recommend it for publication after inclusion of the current Literature and references** | Done |

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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)* |  |