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| Journal Name: | [**Asian Research Journal of Agriculture**](https://journalarja.com/index.php/ARJA) |
| Manuscript Number: | **Ms\_ARJA\_135977** |
| Title of the Manuscript: | **TILLAGE OPERATIONS AND FERTILIZER APPLICATIONS TOWARD GROWTH AND YIELD RESPONSE OF SWEET CORN (Zea mays L. var. saccharata)** |
| Type of the Article | **Research** |

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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** (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.** | **This research article revisits and emphasise the importance traditional practice of tillage in agriculture and organic manure – vermicompost. They are much essential for sustainable food production and restoring the soil fertility damaged by chemical fertilizers.** | The research is essential for sustainable food production and restoring the soil fertility damaged by chemical fertilizers. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | TILLAGE OPERATIONS AND FERTILIZER APPLICATIONS TOWARD GROWTH AND YIELD RESPONSE OF SWEET CORN (*Zea mays* L. var. saccharata) |
| 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** | Addressed comments and suggestions |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes |  |
| Is the language/English quality of the article suitable for scholarly communications? | Suitable |  |
| Optional/General comments | **Introduction:**  In 2nd paragraph - Revilla, Anibas, & Tracy, 2021 – Reference format should be changed  1st page last line : Accordingly, this research will be conducted to address and verify the influence of two tillage –tense to be changed as past tense  **Methods:**  Field dimension needs to be added along with the amount of urea and vermicompost applied per hectare.  **Statistical analysis**  How many samples were collected and how the results mean are expressed (Mean ± SEM / SD)  **Results & Discussion**  In discussion, increase in yield of sweet corn by application of vermicompost could have been further supported by its beneficial effect on soil microbes and their influence on yield  **References**  Montgomery, 2017 – is missing | Addressed all comments and suggestion in the manuscript |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (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 detail)*  No |  |