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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 |  |

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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 manuscript lacks some clarity. At its 2nd objective; it says ‘corn yield response’, but nothing is investigated about the grain yield. At the methodology; it is not clear about the control group and treatment. Additionally, at the design (ANOVA) the effect of interaction between two factors is not considered. Finally, the ROI is not clearly discussed. Source of expenses are known but sources of incomes are not well known.** | revised 2nd Objective to Green yield of sweet corn and because sweetcorn is harvested at green condition (not reach maturity) |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is suitable** | 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. | **It is good, but some results with non-significant variation should be removed from the abstract. Results which shows significant variation should be presented with its quantitative values (should mentioned numerically). Finally, key words should be written in their alphabetical orders.** | Addressed comments and suggestions |
| Is the manuscript scientifically, correct? Please write here. | The objectives are not including the grain yield. The methodology is not clear enough at its control group and interaction effect of treatments. The ROI is also not clear. | Green yield not grain yield because sweetcorn is harvested at green condition (not reach maturity). There is no interaction effect because the Experimental Design used is single factor RCBC or Randomized Complete Block Design and not factorial design |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Only 14 references are mentioned; which are not sufficient for this type of investigation. Some references are too old (1996 and 1997 versions) which are not scientifically recommended. | Added some references |
| Is the language/English quality of the article suitable for scholarly communications? | Not bad. |  |
| Optional/General comments | **Some comments are available at the manuscript.** | Addressed comments 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 | No ethical issues |