

Review Form 3

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| Journal Name: | International Journal of Plant & Soil Science |
| Manuscript Number: | Ms_IJPSS_128297 |
| Title of the Manuscript: | Impact of Different Organic and Inorganic Fertilizers on Chemical Properties, Nutrient Content, Uptake and Yield of Maize (Zea mays L.) |
| Type of the Article | |

PART 1: Comments

| | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|---|
| 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. | Maize production has seen a significant increase globally due to growing demand for food grain and cereals and due to higher yield potential maize cultivation has been popularly increasing in various parts of the world. Application of inorganic or chemical fertilizers in combination with organic sources has significant effect on nutrient content and nutrient uptake of maize. The macro (N, P, K) and micronutrient (Zn) content, uptake and the maize yield is associated with the type rate and amount of chemical fertilization. Based on the results of the current investigation, application of 100% recommended dosage of fertilizer along with 5 tonnes/ha of FYM is found to be most effective than other treatment combination which can be recommended further. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Suitable | |
| 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. | Abstract lacks some comprehensive information about the outcome of the study. Few lines might be added. | |
| Is the manuscript scientifically, correct? Please write here. | Some additional information related to soil and plant analysis, information about the study site, initial soil properties can be incorporated in the materials and method section for a better understanding | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Maximum references are not recent. Recent references can be added and discussed. | |
| Is the language/English quality of the article suitable for scholarly communications? | English quality is good but needs further improvement | |
| <u>Optional/General</u> comments | The quality of language must be improved with some more comprehensive discussion. I declare that I have no competing interest as a reviewer | |

Review Form 3

PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
|---|--|---|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|---|
| Name: | Jatiprasad Barala |
| Department, University & Country | Siksha 'O' Anusandhan Deemed to be University, Institute of Agricultural Sciences, India |