

Review Form 1.7

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_109327 |
| Title of the Manuscript: | Effect of different nutrient management practices on crop growth, yield and yield attributes of soybean (Glycine max L.) under Kymore Plateau and Satpura Hills agro-climatic zone |
| Type of the Article | |

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PART 1: Review Comments

| | 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) |
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| <p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) <p>Yes, the manuscript has great scientific importance! Research shows that the application of organic manure associated with inorganic fertilizers in an integrated manner to the soil provides better results for increasing soybean (Glycine max L.) production.</p> <ol style="list-style-type: none"> Is the abstract of the article comprehensive? <p>Yes! The abstract contains all the information necessary to understand the manuscript, in a summarized form.</p> <ol style="list-style-type: none"> Are subsections and structure of the manuscript appropriate? <p>Yes, the manuscript has appropriate subsections and structures.</p> <ol style="list-style-type: none"> Do you think the manuscript is scientifically correct? <p>Yes! The summary is adequate with all the main research information; The Introduction reports on the need for sustainable use of agriculture without deteriorating the quality of the environment and preservation of natural resources; In Materials and Methods, the authors use appropriate methodology, the Results are displayed in self-explanatory tables and the authors discuss the data and robustly conclude that several soybean production yield parameters were higher under 100% NM Organic Fertilizers , followed by 25% Organic Fertilizers + Biological Inoculant (BJG) + 25% NM Inorganic Fertilizers.</p> <ol style="list-style-type: none"> Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>The manuscript contains updated references, with several citations from high-impact scientific articles. (In addition to the 6 points mentioned above, reviewers are free to provide additional suggestions/comments)</p> <ul style="list-style-type: none"> ➤ The manuscript contains information relevant to the scientific community, reporting that chemical fertilizers have a negative impact on soil fertility, leading to unsustainable soil yields and that the integration of chemical fertilizers with organic manure and biofertilizers would be able to maintain fertility and sustain crop productivity. ➤ In my opinion, the manuscript is relevant to the scientific community and my opinion is to <u>DEFER</u> the manuscript! | |
| <p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? | | |

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| Optional/General comments | | |
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PART 2:

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| | 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: | Guido Laércio Bragança Castagnino |
| Department, University & Country | Federal University of Bahia, Brazil |