Review Form 1.7

Journal Name:	**International Journal of Plant & Soil Science**
Manuscript Number:	**Ms_IJPSS_102935**
Title of the Manuscript:	**System Productivity and Balance of Soil Phosphorus in Rice - Zero till Maize (Zea mays L.) Cropping System as Influenced by Levels of Phosphorus**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(https://www.journalijpss.com/index.php/IJPSS/editorial-policy)

Review Form 1.7

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)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?**	• According to the study, rice-maize cropping system is swiftly intensifying in south Asia including India due to its potential from *rabi* maize, and its abridged water requirement compared rice-rice system and its multiple uses in poultry and fish feed industries. • The yield reductions owed to late planting can be circumvented by sowing maize under zero tillage after harvesting of rice crop. • Zero tillage would aid in reducing the potential for soil erosion and loss of soil organic matter,besides lessening the fuel consumption, labour requirement and turnaround time thus conserving soil and water. • Yes, the title of the manuscript is appropriate enough. • Yes, the abstract written is comprehensive. • Yes, they are appropriate enough and illustrating the general sub-sections *viz.*, Abstract, Introduction, Materials and Methods, Results and Discussion and Conclusion as well. • In addition, the statistical analysis has been well exemplified and depicted as Tables in an eloquent manner. • It is reported that Rice-Maize system is quite different from Rice-Wheat or Rice-Rice system in nutrient extraction, which would be much greater due to higher yield of maize. • Furthermore, it has been advocated for the application of phosphatic fertilizers to *rabi* season crops and growing *kharif* season crops on residual fertility in most of the soils. • Accurate nutrient drawn (Phosphorus) factors could be consequent for each soil and crop growing environments whereby yield could be optimized without considerable mining of nutrients from the soil • The references cited are adequate and recent enough.	

6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**		
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	• Abstract, 4th line: The field experiment was conducted for two consecutive years at the College of Agriculture- correct articles usage and change the preposition. • Introduction, 1st line: after the Rice-rice- add an article. • Pg. no.2, 3rd paragraph, 2nd line: phosphorus requirements- fix the agreement mistake. • The usage of the English language is appropriate and well suitable for scholarly communications.	
Optional/General comments	• Analysis of variance was carried out for each character separately as per standard statistical procedure for two factors randomized block design as suggested by the Panse and Sukhatme. • Overall, the manuscript has been succinctly authored and well-presented with related statistical data that has been documented in the form of fine Tabular forms.	

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)*	

Reviewer Details:

Name:	**Asma Jabeen**
Department, University & Country	**Indian Institute of Rice Research, Osmania University, India**