Review Form 1.6

Journal Name:	**International Journal of Plant & Soil Science**
Manuscript Number:	**Ms_IJPSS_81117**
Title of the Manuscript:	**Effect of Slag based gypsum on nutrient uptake and yield of rice (Oryza sativa L.) in an alkaline soil**
Type of the 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)

<mark>PART 1:</mark> 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	The Authors investigated the effect of SBG as a source of nutrients to the rice crop in an alkaline soil. The contents of the manuscript is original and it is worthy of investigation. Some revisions should be conducted to improve the quality of the manuscript: 1. Linz-Donawitz as definition of LD should be presented in Paragraph 3 Section 1 before the Authors mention the abbreviation of LD in the manuscript. 2. The Authors claimed that SBG is a good source of nutrients for the rice crop. Please explain whether this SBG exist everywehre in the world or only in the location where the Authors did the study. If the source of SBG is only limited to several locations, please mention it. If the SBG is only applicable in the area where the Authors did the study, the Authors should mention the name of the location in the title of the manuscript 3. Please provide soil classification following Unified soil classification system (USCS). The Authors can refer to the following paper as example of soil classification: https://doi.org/10.1631/jzus.A1800593 4. Please provide standard or reference for plant analysis in Section 2.2. 5. What is the criteria of error in the statistical analysis presented in Section 2.5? The Author should refer to the following publication for explaining the error criteria for the statistical analysis. https://doi.org/10.1016/j.sandf.2017.08.009 6. Please provide explanation with respect to R square value presented in Figure 1. The Authors can refer to the following publication: https://doi.org/10.1007/s11440-020-01013-8 7. Discussions need more in-depth critique with respect to analyses results.	
Minor REVISION comments		
Optional/General comments		

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	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)*	

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

http://sciencedomain.org/archives/20

Reviewer Details:

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