

### Review Form 3

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_127256
Title of the Manuscript:	Effect Of Kaolin On Rice Production Under Iron Toxicity Conditions: Determination Of The Effective Dose Of Kaolin Against Iron Toxicity In Irrigated Or Lowland Rice Cultivation
Type of the Article	Original Research Article

#### General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

#### PART 1: Review Comments

Compulsory REVISION 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>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	This paper is very important because it can help overcome the problem of high levels of iron compounds that dominate land in wet tropical lowland areas, especially for new open rice fields. So far, efforts have been made by liming, the use of tolerant varieties and fertilization, but the results are still not completely satisfactory. The use of Si derived from kaolin soil is an innovation that really helps farmers overcome the problem of Fe <sup>2+</sup> poisoning because it is not only effective but also low-cost. The results of this study can be used as a basis for researchers to further study the condition of iron stress in the field or in the case of other food crops	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title is too long and should not be more than 15 words, for that it is recommended that the subtitle be removed because it is already covered in the main title by adding the word Dose to Kaolin, so that the title becomes: Effect Of Kaolin Dose On Rice Production Under Iron Toxicity Conditions	
<b>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.</b>	I think the abstract in this manuscript is quite comprehensive, but it is necessary to eliminate the use of treatment symbols, preferably directly on the substance of the treatment	
<b>Are subsections and structure of the manuscript appropriate?</b>	The subsections and structure of the manuscript was appropriate	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	In the introduction, it has been clearly mapped about the problem of high iron content in lowland rice fields and the potential use of kaolin as a natural source of Si, which is widely available and cheap compared to the use of fabricated Si. In the method to solve the problem, it is carried out in a systematic, careful and clear stage starting from the use of materials and tools, the use of treatment designs and environmental designs, to the data collection process. This will result in valid data. Furthermore, the results of data analysis from each observation parameter are displayed which are easy to understand and explain clearly. Meanwhile, in the discussion, the author has explained how the results of this study can overcome problems, such as the mechanism of plant damage due to iron poisoning and the role of Si in neutralizing the bad effects of iron supported by citations from appropriate references. Finally, the conclusion has described the benefits of the results of this study in the future.	

### Review Form 3

<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	I see that the supporting references are still lacking, as well as the year is too long, it is better to use references of at least 30 articles from reputable journals in the last 10 years. Due to time constraints I have not been able to help with additional reference recommendations	
Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	The use of English language is good enough for scientific communication	
<b>Optional/General</b> comments	In general, this manuscript is adequate, but it still needs some improvements such as presenting what is different from this study from the previous study, In the presentation of the results, it is better to reduce the statistical language, but directly to the form or trend of the effect, avoid using treatment symbols in the abstract, on the results and discussions, and need reference support for the last 10 years	

### **PART 2:**

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

### Reviewer Details:

Name:	<b>Sunadi</b>
Department, University & Country	<b>Universitas Tamansiswa, Indonesia</b>