

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_127656
Title of the Manuscript:	EFFICACY OF DIATOMACEOUS EARTH AND SILICIC ACID IN MULBERRY CROP ON ITS LEAF QUALITY AND BIOCHEMICAL ATTRIBUTES
Type of the Article	Original Research Article

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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.	This manuscript is valuable as it highlights the role of diatomaceous earth and silicic acid in enhancing mulberry leaf quality, crucial for sericulture. It provides sustainable strategies to improve moisture retention, nutrient content, and biochemical attributes, benefiting mulberry cultivation and silk production. The findings offer significant insights into silicon-based crop improvement approaches.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable as it reflects the study's focus on diatomaceous earth, silicic acid, and their impact on mulberry leaf quality and biochemical attributes. Alternative title suggestion: "Effect of Diatomaceous Earth and Silicic Acid on Mulberry Leaf Quality and Biochemical Properties in a Sericulture System"	
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.	Yes	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically sound with a clear focus on the role of silicon in improving mulberry nutrition for silkworm rearing. The introduction effectively discusses the significance of silicon and its sources, like diatomaceous earth and silicic acid. The methodology is detailed and reproducible, including experimental design and biochemical analysis. The results are well-presented, with comprehensive data on mulberry quality parameters, and the discussion is supported by relevant literature. Overall, the manuscript is accurate and appropriately structured for publication.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

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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