

Journal Name:	Journal of Biochemistry International
Manuscript Number:	Ms_JOB1_12779
Title of the Manuscript:	Physiological and phytochemical profiles of different Trigonella foenum-graecum genotypes
Type of the Article	

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PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	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.	1. This manuscript provides valuable insights into the morphological, physiological, and biochemical diversity among seven fenugreek genotypes, offering a comprehensive evaluation of their agronomic and nutritional potential. 2. Research is useful for both agricultural and pharmaceutical applications. 3. The researchers focusing on crop improvement, sustainable farming, and functional food development, as fenugreek is widely recognized for its medicinal and nutritional benefits.	Thank you for mentioning the importance of the manuscript.
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, But my opinion is- Evaluation of Physiological and Phytochemical Traits in Different Trigonella foenum-graecum Genotypes	The suggested title has been used in the paper.
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 my suggestions are: 1. Clearly state the primary aim of the study at the beginning, such as: "This study aims to evaluate the morphological, physiological, and biochemical traits of seven fenugreek genotypes to identify potential variations beneficial for agricultural and pharmaceutical applications." 2. While the study design (CRD) and location (pot house, Department of Botany) are mentioned, briefly summarizing key experimental conditions (e.g., sample size, specific parameters measured) would improve clarity.	The suggestions for improvement have been noted.
Is the manuscript scientifically, correct? Please write here.	Yes, but here seen not mentioning Figure and Table Numbers in sentences.	Noted
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Use latest references	Noted and updated

Is the language/English quality of the article suitable for scholarly communications?	Yes	Okay
Optional/General comments	1. Your abstract effectively presents the key aspects of the study. 2. Add which phytochemical profiling taken with the observation table. 3. Mention in result interpretation which software is used for plotting graphs like GraphPad etc. 4. Table data represent mean values \pm standard deviation for each genotype. Hisar Sonali exhibited the highest total protein content, while CO-1 had the lowest. Superscript letters denote significant differences at $p < 0.05$ 4. To write a short note below the table, diagram and graph ensure it is concise, informative, and relevant to the data presented	The suggestions has been noted.

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>	

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