

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_125940
Title of the Manuscript:	Standardization and Characterization of Panchagavya: Enhancing Nutrient Content and Seed Germination in Organic Farming
Type of the Article	Research article

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	<ul style="list-style-type: none"> Panchagavya, a traditional bio-fertilizer derived from five key cow-based ingredients (milk, curd, ghee, dung, and urine), has gained scientific interest for its role in organic farming. Its unique blend of nutrients, enzymes, and beneficial microbes enhances soil fertility and supports plant health, promoting sustainable agricultural practices. This study has also demonstrated its ability to improve seed germination, root development, and plant immunity, making it a valuable tool for increasing crop yields without synthetic inputs. 	
Is the title of the article suitable? (If not please suggest an alternative title)	<ul style="list-style-type: none"> Suitable 	
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.	<ul style="list-style-type: none"> Comprehensive but it lacks some specific numerical data from the main body delete the "hormone" from all the main body of your finding due to no data that shows hormone in the keyword of your abstract include Microbial analysis, Organic farming, Organic fertilizer, Panchagavya, Seed germination, Sustainable agriculture alphabetically 	
Are subsections and structure of the manuscript appropriate?	<ul style="list-style-type: none"> Yes in introduction, not clear data based description about panchagavya in terms of productivity using organic and non organic fertilizer application on crops production and environmental sustainability and there is shallow description In the results and discussion part, your result is not well supported by recent literatures at least by 3 references for one finding. 	
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.	<ul style="list-style-type: none"> Research on Panchagavya is considered scientifically robust due to its interdisciplinary approach, integrating principles of microbiology, plant physiology, and soil science. It is supported by rigorous experimental studies that evaluate its effects on plant growth, nutrient uptake, and microbial activity in the soil. The bio-fertilizer's composition, rich in natural enzymes, amino acids, and essential nutrients, is quantitatively analyzed, and its impact on seed germination and crop yield is measured using controlled trials 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<ul style="list-style-type: none"> Sufficient but not recent not ordered by scientific tools such as endnote, apa..... 	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none">• yes	
<u>Optional/General</u> 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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