

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_125822
Title of the Manuscript:	PERFORMANCE OF VANARAJA BIRDS ON DIET SUPPLEMENTED WITH BLACK PEPPER (<i>Piper nigrum</i>) POWDER
Type of the 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:

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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.	<p>This manuscript contributes valuable insights into the effects of black pepper supplementation on the performance and health of Vanaraja birds, a key poultry breed in rural India. The findings could be beneficial for farmers in terms of improving productivity and economic returns. The use of natural additives like black pepper is highly relevant in today's push for sustainable and eco-friendly farming practices. However, certain aspects need clarification to ensure scientific robustness.</p> <ul style="list-style-type: none"> The statistical significance of results such as body weight, feed intake, and haematological parameters should be better explained with more detailed statistical analysis. The conclusion could benefit from a stronger connection between the results and their practical implications for farmers or the poultry industry. 	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is appropriate. However, a suggestion could be: " <i>Effect of Dietary Supplementation of Black Pepper (Piper nigrum) on the Performance and Health of Vanaraja Birds</i> " for more clarity.	
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.	The abstract provides a good summary of the research but lacks clarity in terms of practical applications. It would benefit from mentioning specific statistical results (e.g., percentage increases) for body weight, feed intake, or other critical parameters to better capture the key findings.	
Are subsections and structure of the manuscript appropriate?	Yes, the manuscript is well-structured, with clear subsections for the methodology, results, and discussion. However, the methodology could provide more details on statistical analysis to strengthen the technical soundness.	
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.	The manuscript appears to be scientifically sound, with a well-designed experimental approach using randomized block design and appropriate control groups. However, the presentation of statistical results could be more detailed. In terms of biological relevance, the results suggest that black pepper can positively influence bird performance, but the physiological mechanisms behind these improvements are not fully explained. Further explanation or reference to similar studies would reinforce these conclusions.	

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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are adequate but could benefit from more recent studies (post-2020) related to the use of phytobiotics or natural additives in poultry feed.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p><input type="checkbox"/> The English language quality is generally acceptable, but some grammatical improvements and rewording for clarity would enhance readability. For example, sentences in the abstract and discussion sections can be simplified to avoid overly complex phrasing.</p> <p><input type="checkbox"/> The manuscript could benefit from consistency in units and presentation of data (e.g., grams vs. kilograms for weights, etc.).</p>	
<p><u>Optional/General</u> comments</p>	<p>Including a brief section on potential future research directions or recommendations for practical implementation could increase the manuscript's value to the scientific and farming communities.</p>	

PART 2:

	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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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