

Journal Name:	Journal of Biology and Nature
Manuscript Number:	Ms_JOBAN_12556
Title of the Manuscript:	Analyzing the Phenotypic Relationship between Growth and Reproductive Traits in Layer Chicken Populations
Type of the Article	

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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>
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.	The study suggests that body weight demonstrates relative consistency in growth patterns. Reproductive traits, particularly egg production, show greater variability and thus offer more opportunities for genetic improvement through Selective breeding to enhance overall productivity in layer chickens. It also emphasizes significant phenotypic relationships between growth and reproductive traits in layer chicken populations. Understanding these relationships not only contributes to the advancement of poultry genetics but also supports sustainable practices in the poultry industry, ultimately benefiting both producers and consumers.	
Is the title of the article suitable? (If not please suggest an alternative title)	Phenotypic Correlation between Growth and Reproductive Traits in Crossbred Layer Chickens	
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, it is comprehensive	
Are subsections and structure of the manuscript appropriate?	Yes, it is appropriate	
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 presents a thorough investigation of the Phenotypic relationship between Growth and Reproductive traits in Layer Chicken populations, which is critical for understanding these parameters and their correlation for genetic improvement. The study employs robust methodologies, including appropriate sample size and statistical applications, ensuring that the data collected are reliable and representative of the population. Additionally, the manuscript discusses the implications of these findings in the context of local Desi crosses of	

	Layer Chicken in Panjab, highlighting its relevance for improving breeding strategies. Overall, the combination of rigorous data collection, sound analysis, and practical application supports the scientific robustness of the research.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	<ol style="list-style-type: none"> 1. Sarma O, Dubey PP, Dash SK, Sahoo SK, Malhotra P. Principal component analysis of different economic traits in layer chicken. Agric Sci Dig. 2022. doi: 10.18805/ag.D-5519. 2. Nigussie, D., Vander, W. E. H. and Johan, A. M. V. A. (2011). Genetic and phenotypic parameter estimates for bodyweights and egg production in Horro chicken of Ethiopia. Tropical Animal Health and Production. 43: 21-28. DOI 10.1007/ s11250-010-9649-4. <p>If possible a few more references similar to the above may be added.</p>	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, suitable	
Optional/General comments	<p>In the manuscript</p> <ol style="list-style-type: none"> 1. Words or letters indicated in red may be deleted 2. Words or letters indicated in blue may be added 	

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)
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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