ISSN (0): 3139-0765
Jana Nexus: Journal of Agricultural, Veterinary and Environmental Sciences
Publisher's Name: Jana Publication and Research LLP
www.jananexusaves.com

REVIEWER'S REPORT

Manuscript No.: JNAVS -072

Title: Sustainable Poultry Farming: Waste Management, Animal Welfare, and Environmental Protection.

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		_		
Techn. Quality			_	
Clarity		_		
Significance	_			

Reviewer Id: JPR-120

Reviewer's Comment for Publication.

The manuscript provides a relevant and well-organized review of sustainable poultry farming, with appropriate emphasis on poultry waste management, animal welfare, biosecurity, veterinary health, resource efficiency, and environmental protection. The discussion of poultry litter storage, composting, manure utilization, anaerobic digestion, mortality management, ventilation, stocking density, antimicrobial stewardship, and efficient use of feed, water, and energy gives the paper considerable practical relevance. The manuscript also appropriately recognizes the financial, infrastructural, and technical challenges faced by small-scale producers and emphasizes the importance of locally appropriate solutions. However, minor revisions are recommended before publication. The scientific literature base should be strengthened by including a wider range of recent peer-reviewed studies specifically addressing poultry waste treatment, nutrient losses, ammonia emissions, animal welfare, antimicrobial use, and environmental impacts, as the current reference list is limited and relies predominantly on institutional sources. The methodology should also provide clearer information on how the literature was searched and selected. Greater critical comparison of different waste-management technologies and poultry production systems, including their environmental benefits, costs, limitations, and potential trade-offs, would improve the technical depth of the review. Some repetitive discussion concerning waste management, biosecurity, and resource efficiency could be condensed, and the references and formatting should be checked for consistency. Furthermore, the author contribution, conflict-of-interest, and funding statements should be replaced with finalized author-specific declarations rather than instructional or placeholder wording. Subject to these minor revisions, the manuscript is suitable for publication.