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REVIEWER'S REPORT

Manuscript No.: JNAVS -070

Title: Climate-Smart Livestock Farming: Sustainable Feeding, Animal Health, and Environmental Management.

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-118

Reviewer's Comment for Publication.

The manuscript provides a timely, relevant, and clearly structured review of climate-smart livestock farming, integrating sustainable feeding, animal health and welfare, climate adaptation, manure management, water and energy efficiency, digital technologies, and environmental sustainability. A particular strength of the paper is its balanced consideration of both practical farm-level measures and broader economic, technological, and institutional constraints, while the sections on heat stress, preventive veterinary care, feed management, renewable energy, and manure utilization provide useful guidance for developing resilient livestock systems. However, minor revisions are required before publication. The literature base should be strengthened substantially by including more recent peer-reviewed research articles, as the current reference list relies heavily on reports and institutional sources from FAO, IPCC, and WOAH. The methodology should also provide clearer information on how scientific literature was identified and selected for the narrative review. Greater critical comparison of the effectiveness, costs, limitations, and potential trade-offs of different climate-smart interventions would improve the scientific depth of the manuscript, particularly regarding emission-reduction strategies, feed interventions, renewable energy, and digital technologies. Some overlapping discussion could be condensed, and the reference style and formatting should be checked carefully for consistency. The author contribution, conflict-of-interest, and funding statements should also be replaced with final author-specific declarations rather than instructional or placeholder wording. Subject to these minor revisions, the manuscript is suitable for publication.