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REVIEWER'S REPORT

Manuscript No.: IJAR-55170

Title: Evaluation of the physicochemical quality of milk from DjallonkÃ¨ goats fed silage made from Pennisetum pedicellatum Trin in Burkina Faso

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

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

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

Reviewer Name: Dr. Hari Prashad Joshi

Detailed Reviewer's Report

This manuscript offers a valuable contribution to local dairy science by evaluating the physicochemical quality of milk from Djallonké goats in Burkina Faso fed Pennisetum pedicellatum silage. The research effectively addresses a pertinent knowledge gap concerning sustainable, localized feeding strategies and is underpinned by a generally clear experimental design. The data provided on forage preservation and subsequent milk composition are practical and informative, and the overall structure of the work is sound.

However, the manuscript requires major revisions to meet publication standards. Key methodological details necessitate clarification, particularly concerning the implementation of the Latin square design and discrepancies between the described experimental groups and their actual allotment. Within the results, Table 2 presents contradictory feed conversion ratio values that must be rectified and thoroughly explained.

The discussion section should be strengthened to provide a more critical interpretation of the core findings. Notably, the surprising reduction in milk components associated with the additive-inclusive Diet C warrants deeper analysis and should be more cohesively integrated with the existing literature cited. The conclusion, currently overly broad, should be precisely refined to mirror the specific outcomes of this study alone. Finally, the reference list requires updating and consistent formatting throughout.

With these substantive revisions addressed, the manuscript will be considerably strengthened and suitable for publication, as its foundational research is both relevant and promising.