

Review Form 1.7

Journal Name:	Asian Journal of Research in Animal and Veterinary Sciences
Manuscript Number:	Ms_AJRAVS_112986
Title of the Manuscript:	The in vitro effects of Neem bark extract on rumen pH, gas production and biohydrogenation of polyunsaturated fatty acids
Type of the Article	Original Research Article

PART 1: Review Comments

	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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The application of antibiotic-growth promoters in production of farm animals plays major role to improve genetic potential, feed conversion efficiency, animal health, growth rate and feed efficient utilization. From various literature it has confirmed that Neem plant parts have potential in improving feed efficient utilization in animals. Therefore, authors conducted in vitro experiment to assess the effects of commercial Neem (<i>Azadirachta indica</i>) bark extract (NBE) on ruminal pH, gas production and biohydrogenation (BH) of polyunsaturated fatty acids (PUFAs). They concluded that Neem bark extract has little effects on improving forage digestibility in ruminants and modifying ruminal biohydrogenation of PUFAs.</p> <p>Yes, Appropriate</p> <p>Yes, abstract is comprehensive</p> <p>Yes, Subsection and contents of the manuscript is appropriate as</p> <p>Yes</p> <p>Yes Recent references has been added</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, language of the article is suitable for scholarly communication</p>	
<p>Optional/General comments</p>	<p>Article is very well written and references upto 2021 has been added. Kindly add latest two year reference in the manuscript.</p> <p>Tables and graphs are depicted in article which give self explanatory results of the work done</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>	

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