

### Review Form 3

Journal Name:	<b>Asian Journal of Research in Animal and Veterinary Sciences</b>
Manuscript Number:	<b>Ms_AJRAVS_123661</b>
Title of the Manuscript:	<b>Effect of Cowpea (<i>Vigna unguiculata</i>) Hay, Wheat Bran and Their Mixtures Supplementation on Dry Matter and Nutrient Digestibility of Begait Lambs Fed Grass Hay as a Basal Diet</b>
Type of the Article	<b>Original Research Article</b>

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1-reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1-reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1-reviewerhub.org/benefits-for-reviewers>

**Review Form 3**

**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>
<p><b>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.</b></p>	<p>The research proposal design is well because this day animal feed nutrition is very scarce and this proposal may address some of small ruminant nutrition deficiency and scarcity and such research may sound for the community.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>It good design of the title however, the researcher not only want to see the effect but also the replacement effect of the feeds there for " <b>Replacement</b> Effect of Cowpea (Vigna unguiculata) Hay, Wheat Bran and Their Mixtures Supplementation on Dry Matter and Nutrient Digestibility of Begait Lambs Fed Grass Hay as a Basal Diet.</p>	
<p><b>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.</b></p>	<p>Abstract should short clear for readers and have to grasp the whole idea of the manuscript in this sense it needs some clarity and rephrasing the whole part of the abstract. Nothing indicated about average weight of Begait sheep at birth and at weaning</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<ol style="list-style-type: none"> <li>1. In any feeding trial research, to evaluate the effect of feeds it was better to incorporate carcass parameters because for appropriate recommendation this result can give appropriate recommendation. Moreover, only on station recommendation is not quite perfect recommendation, for such research on farm comparison should have important, other researchers should propose both on farm and on station, unless and otherwise there may mislead the other. The researcher also should have include Partial Budget Analysis. The number of sheep used for the research should indicated in methodology.</li> <li>2. Under Experimental Animals' Management section: the researcher should correct some terminologies a. 20% Oxytetracline not to minimize but to reduce or overcome stress factors if it is correct b. Ivermectine is not the broad spectrum as well as is not used for drenching rather for subcutaneous injection c. if the researcher was use Ivermectine no need to use diazinone more than that what does it mean by 1ml per head it need some correction</li> <li>3. Experimental Design and Treatment: what is the base for feed supplementation for each treatment Eg. 300,225.... @What does it mean by experimental feed?</li> <li>4. Measurements and Observation(the researcher should use this title because there are different measured parameters and <b>digestibility</b> the one, <b>Feed intake and sampling</b> and <b>Body weight measurement of experimental</b> animals these parameters should indicate b the researchers)  <ul style="list-style-type: none"> <li>✓ Digestibility Trial: did the researcher used all experimental animals for digestibility trial, if all why should indicate in the methodology. What about fecal sample everything should indicated in the methodology.</li> <li>#Apparent nutrient digestibility in supplement feeds was calculated using digestibility by difference method as described by McDonald et al. (2002) researcher should indicate in methodology.</li> <li>\$ formula which indicated in should clearly rewrite properly by the researcher.</li> </ul> </li> <li>5. Statistical Analysis : under statistical analysis only indicated Data on apparent digestibility but feed intake and other parameters are not indicated</li> </ol>	
<p><b>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.</b></p>	<p>The selected title by the researcher is good and timely because due to urbanization there is grazing land scarcity and there for such research options may solve the problem and mandatory but the research result recommendation should be clear for policy makers and other stakeholders.</p>	

Commented [T1]:

### Review Form 3

<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> -	The researcher used only 16 references but it is better to use more and some are even need updating	
<b>Minor REVISION</b> comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	Not bad however, need some modifications since it is clear for scientific community	
<b>Optional/General</b> comments		

### 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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

Name:	Wondewsen Bekele Wondatir
Department, University & Country	Dilla University, Ethiopia