

Review Form 1.7

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_106246
Title of the Manuscript:	EFFECTIVENESS OF EXTENSION COMMUNICATION CHANNEL IN THE ADOPTION PROCESS OF HERMETIC BAG STORAGE TECHNOLOGY IN NAKURU, KENYA.
Type of the Article	

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajaees.com/index.php/AJAEES/editorial-policy>)

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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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The manuscript is important for the scientific community in Kenya and beyond as it explores viability of a new technology as a plausible solution into the pressing food insecurity problem. Choice of the proposed hermetic bags for storage of maize is a valid idea as the world works to build technologies that can reduce postharvest losses and help feed populations, especially vulnerable groups in developing countries who hardly afford a meal a day. Adoption of these bags could be the radical swift needed at the local levels and across farms in stabilizing prices of staple foods such as maize. Discussions held in agricultural fora revolve around how to boost agricultural harvests at farm level. Oftentimes discussions negate storage of food, which is an important stage in the value chain. Doubtlessly, the discussion the paper presents reorients policy in the right direction. Importantly, Nakuru, which is the study context is an important agro-ecological zone in Kenya. Without vibrant ideas as presented in the manuscript, farmers will continue losing revenues. Discussion manuscript has pieced together should not just be explored across other maize agroecological zones in kenya or region; discussion should account for other staples such as wheat and rice – a discussion this manuscript sparks for the scientific community.</p> <p>2. The title is of the article is suitable. It is very relevant, informative and catchy. Author may however consider dropping the word 'PROCESS' and recast it as: EFFECTIVENESS OF EXTENSION COMMUNICATION CHANNEL IN THE ADOPTION OF HERMETIC BAG STORAGE TECHNOLOGY IN NAKURU, KENYA.</p> <p>3. Abstract must seek to give glimpse of the entire article – that way giving informative cues to 'what', 'where', 'when', 'how' and 'so what' of the study. I find the abstract comprehensive. One angle that is missing is are the gender dynamics considering; gender differences in farm ownership, and how this affects decision to adopt hermetic bags. Whereas article settles that extension communication channels are effective in persuasion, decision, implementation and adoption stages of hermetic bag adoption process, a glimpse into how this is done is missing. Incorporating it is important and has a policy impact whether extra financial injections are needed to widen scope of extension services. Considering that study used primary data through interviews, a sentence into lessons learnt is key to amplify the statistics.</p> <p>4. The sections are appropriate. If author(s) received financial support from any institution, it could be useful to have this disclosed. Hermetic storage bags are a commodity, it could be useful authors declaring no conflict of interest just before the references section.</p> <p>5. The statistics are correct and well presented. Consideration should be given to providing visualization on global trends and patterns in adoption of hermetic bags. National statistics can also serve this purpose. This can be a table, a figure or map so that non-practitioners can easily appreciate discourse presented. If this can be done in the introduction, it will add value to your article.</p> <p>6. Thirty references are sufficient. They are fairly recent. The old one dates 2005. Accounting for its value in the present article, it is well within acceptable period. However, you may consider picking value from the following [click on the DOI]:</p> <ul style="list-style-type: none"> - Likhayo, P., Bruce, A. Y., Mutambuki, K., Tefera, T., & Mueke, J. (2016). On-Farm Evaluation of Hermetic Technology Against Maize Storage Pests in Kenya. <i>Journal of Economic Entomology</i>, 109(4), 1943–1950. 	

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	<p>https://doi.org/https://doi.org/10.1093/jee/tow134</p> <p>- Ndegwa, M. K., De Groot, H., Gitonga, Z. M., & Bruce, A. Y. (2016). Effectiveness and economics of hermetic bags for maize storage: Results of a randomized controlled trial in Kenya. <i>Crop Protection</i>, 90, 17–26.</p> <p>https://doi.org/https://doi.org/10.1016/j.cropro.2016.08.007</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language is well structured but for scholarly communication but article needs to appreciate language and its variations. For instance, consider variations for ‘therefore’, which makes 13 appearances in the article.</p> <p>Language to be meaningful, it must relay a logical sense. For example, under conclusion, sentence 3 should be qualified by sentence 2.</p> <p>Written language has aesthetics. Balance the length of paragraphs. For instance, I find paragraph two under introduction lengthy in comparison to paragraph one or other paragraphs.</p> <p>Tweak your sentences to enhance readability:</p> <p><i>Study by [4] revealed that, Extension workers are key providers of agricultural information and advisory services to farmers in Sub-Sahara Africa (SSA)[4].</i></p> <p>Make use of comas:</p> <p><i>In Kenya, extension services play a key role in</i></p>	
<p>Optional/General comments</p>	<p>Under key words, consider dropping words that appear in the topic and abstract as they are already discoverable.</p> <p>Under references, it now a growing practice to add DOI [Digital Object Identifier] and in its absence url. See examples under comment 6.</p> <p>Good punctuation improves readability.</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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