



SDI Review Form 1.6

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_36663
Title of the Manuscript:	Pre extension demonstration and evaluation of hip pump in western Oromia, Ethiopia
Type of the Article	Short Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	(1) Abstract: 1-1 It has to be summarised from 272 wards to be not more than 200 wards. 1-2 Abbreviations have to be defined, e.g. FREG, SMS and DAs. (2) Background and Justification : 2-1 Why the title is not "Introduction"? 2-2 Why there are no references at all? 2-3 "Also, provision of drinking water" Will hip pump be used for drinking water? 2-4 "It is estimated that more than 90% of the food supply in Ethiopia comes from low productivity rain-fed small-holder agriculture." Where is the evidence of that? 2-5 " "Water is the key entry point for boosting agricultural productivity and incomes," says Alfred Wise, director of Kick Start International Tanzania, the non-profit organization behind the popularization of manually operated water pumps used on smallholder irrigation projects. " This organization is not a scientific reference. 2-6 "The Hip Pump is a light and easy-to-use pressure pump that can irrigate water from a depth of four meters and lifting it to a height of five meters above the water source." Why these numbers are different from that mentioned in the web-site? (3) Specific objectives: There is no need to this title. It can be added to the last item "Introduction" to tell the research objective. (4) Materials and Methods: 4-1 Abbreviations have to be defined, e.g. PAs - FTCs - WOARD. 4-2 "Material resources that were supplied hip pump at the due time of working season. The zones were randomly among the mandate area of BAMRC. From each zone one district and among each district" a. What are the due time and working season? b. What are the sizes of district, area, and farms? (5) Data Collection Method There is no need to this title. It can be added to the next item "Data Analysis". (6) Results and Discussion: 6-1 There is no need to include three sub-titles. 6-2 For sub-title "Total number of farmers participated in training", "It is estimated that over 200 farmers have now had exposure to" Why not 150 or 250? On what basis this number is estimated? 6-3 For sub-title "Benefits of Farming Practices", the second benefit "Reduced work	



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	time compared with bucket irrigation” has to be removed as it is stated in the fifth benefit. (7) Conclusion: 7-1 How are 60 farmers, while in section ‘Materials and Methods’ it is stated that “a mixture of 10-15 farmers”? 7-2 Why were 8 pumps distributed? 7-3 What is the capacity or the discharge of each pump? 7-4 What is the size of the farm? 7-5 What are the crops cultivated? 7-6 What are the required water duties for the cultivated crops? 7-7 Is the water source sufficient for the requirements? 7-8 What is the time period for the study? (8) References: 8-1 What is the third reference? 8-2 The fourth reference is not clear. Is it from Wikipedia? 8-3 For the sixth reference, a. Is it www.iwmi.cgiar.org/publications/working papers or www.iwmi.egiar.org/publications/working papers? b. What are the reviewed working papers? c. For all references with web sites, what are the dates of visits?	
Minor REVISION comments	References are not assigned through the text of the paper.	
Optional/General comments	Revision for grammar.	

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