



**SDI Review Form 1.6**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	Ms_CJAST_51426
Title of the Manuscript:	Assessing the Water and Thermal Use Efficiencies of Groundnut Grown under Different Strength of Jute Agro Textile Mulch
Type of the Article	Original 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>)

**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)
<b>Compulsory</b> REVISION comments	Define the abbreviations when first used Correct grammar throughout the document Quantify the yield increase attributed to different mulches Delete many in the first line in the last paragraph of the introduction In the introduction, also indicate that the use of jute textile as a mulch provides an opportunity for recycling it assisting in waste management and environmental conservation. Also highlight the research done so far on use of jute textiles for instance what did 12, 14 and 16 find? 3.1 Indicate the summary of the findings of other authors on the use of geotextiles to improve crop yields summarizing the percentage yield increase Explain what the yield increase is attributed to. Is it due to moisture conservation, heat conservation? Link your findings 3.3 Convert the biomass yields to kg/ha 3.4 How does increased water retention capacity contribute to increased porosity. The increased soil moisture content is likely due to increased water infiltration and reduced evaporation due to the mulch. the jute mulch so to be able to attribute the higher soil moisture content to organic matter Italicize scientific names in your reference list Indicate the journal name in reference 10 Indicate the statistical differences in the tables	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		



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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<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:	<b>Rebecca Yegon</b>
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