

**Review Form 3**

Journal Name:	<b>Asian Journal of Research in Agriculture and Forestry</b>
Manuscript Number:	<b>Ms_AJRAF_121144</b>
Title of the Manuscript:	<b>Intervention of Smallholder Homegarden Agroforestry Enhanced Soil Fertility status and Soil Organic Carbon stock in Tigray Lowlands, Northern Ethiopia</b>
Type of the Article	

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <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 manuscript assessed the impact of land use conversion from monocropping to agroforestry system on soil organic carbon and other soil physico-chemical properties. The study is important as it provided empirical evidence on the advantages of agroforestry systems over monocropping plantations for improving soil carbon stocks. This is also important from the view of climate change mitigation through agroforestry systems.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Yes</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>Yes, the abstract is adequate according to the contents of the manuscript.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>Yes</p>	
<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 number of replicate sites is sufficient. Standard methods for soil sampling and analysis were followed. Statistical analysis was applied.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>More references from recent years may be included.</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>1. Please mention the full form of HAF and MCS at the first mention in the manuscript. Thereafter, abbreviated forms may be used throughout the manuscript.</li> <li>2. In table 1, please use the more conventional abbreviations "Min." and "Max." for Minimum and maximum, respectively instead of "Mi." and "Ma."</li> <li>3. Soil sample was collected to a depth of 0-30 cm. I guess there would be a different result if the soil samples were analysed for different layers/depths say, 0-15cm and 15-30 cm. In that case, it would be interesting to see how the soil parameters at different layers are impacted by the given land uses.</li> </ol>	

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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:**

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