

**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	<b>Research Article</b>

### Review Form 3

#### PART 1: Review Comments

<u>Compulsory</u> 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>This manuscript is important for the scientific community as it addresses the critical issues of land degradation and soil fertility, which are significant for sustainable agriculture and environmental conservation. By providing empirical evidence on the benefits of homegarden agroforestry (HAF) systems in enhancing soil organic carbon (SOC) and nutrient content, the study contributes valuable insights into sustainable land management practices.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p><b>Yes</b></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>This abstract is comprehensive and covers the main aspects of the study, including the context, objective, methods, results, and implications. However, to enhance clarity and readability, here are some suggestions for improvement:</p> <ol style="list-style-type: none"> <li>1. <b>Structure and Clarity:</b> Breaking down the abstract into clear sections can help improve readability.</li> <li>2. <b>Grammar and Syntax:</b> Minor grammatical adjustments can enhance readability.</li> <li>3. <b>Quantitative Data Presentation:</b> Ensure consistency in presenting statistical data.</li> <li>4. <b>Additional Information:</b> Mentioning the statistical methods used can add credibility.</li> </ol>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>Yes</b></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 manuscript appears scientifically robust and technically sound for several reasons. First, it addresses a critical issue of land degradation and soil fertility, which are significant concerns in agricultural and environmental sciences. Second, the study employs a comparative analysis between homegarden agroforestry systems (HAF) and mono-cropping systems (MCS), using a well-replicated experimental design with 15 fields each for HAF and MCS, enhancing the reliability of the results. Third, the use of both composite soil samples for nutrient analysis and undisturbed soil samples for bulk density determination provides a comprehensive assessment of soil properties.</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><b>Yes</b></p>	
<p><u>Minor</u> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language and English quality of the article are generally suitable for scholarly communication, but there are a few areas that can be improved for better clarity, readability, and professionalism. Here are some suggestions:</p> <ol style="list-style-type: none"> <li>5. <b>Grammar and Syntax:</b> Ensure sentences are grammatically correct and well-structured.</li> <li>6. <b>Consistency:</b> Maintain consistency in terms and units throughout the abstract.</li> <li>7. <b>Precision:</b> Avoid redundant phrases and ensure precision in language.</li> </ol>	
<p><u>Optional/General</u> comments</p>		

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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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