

### Review Form 3

Journal Name:	Asian Journal of Research in Crop Science
Manuscript Number:	Ms_AJRCS_123071
Title of the Manuscript:	Evaluation of garlic accessions for their yield, yield components, and white root rot ( <i>Sclerotium cepivorum</i> Berk) in the southern zone of Tigray, Ethiopia
Type of the Article	Scientific article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> 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>Title: Evaluation of Garlic Accessions for Their Yield, Yield Components, and White Root Rot (<i>Sclerotium cepivorum</i> Berk) in the Southern Zone of Tigray, Ethiopia</p> <p>The manuscript is significant for the scientific community as it provides a detailed assessment of garlic accessions in terms of yield, yield components, and resistance to white root rot, a critical pathogen affecting garlic production. The research addresses an important agricultural issue in the southern zone of Tigray, Ethiopia, offering insights that could inform future breeding and management strategies. I appreciate this manuscript for its practical relevance and contribution to improving garlic cultivation, a key crop for both local and global agriculture. The study's focus on recent and region-specific data enhances its value and applicability to similar agricultural contexts.</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><b>Abstract is comprehensive</b></p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The manuscript presents a thorough evaluation of garlic accessions, focusing on yield, yield components, and resistance to white root rot. Below are the points that need to be addressed before publication:</p> <p>Taxonomic Classification: The manuscript currently classifies garlic under the family Alliaceae. However, according to the Plant List (<a href="http://www.theplantlist.org/tpl1.1/record/kew-296499">http://www.theplantlist.org/tpl1.1/record/kew-296499</a>), garlic (<i>Allium sativum</i> L.) should be classified under the family Amaryllidaceae. Please correct this classification throughout the manuscript to ensure accuracy and consistency.</p> <p>Structure of Results and Discussion: The manuscript would benefit from separating the Results and Discussion sections. This structural change will enhance clarity and allow readers to clearly differentiate between the data presented and its interpretation. Please revise these sections accordingly to improve readability and organization.</p> <p>Publication Recommendation: The article is well-constructed and offers significant findings. Once the taxonomic classification is corrected and the Results and Discussion sections are</p>	

**Review Form 3**

	restructured, the manuscript will be suitable for publication. Please make these revisions to enhance the overall quality and accuracy of the manuscript.	
<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>	The manuscript presents a thorough evaluation of garlic accessions, focusing on yield, yield components, and resistance to white root rot.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> -	<b>The manuscript cites relevant references published between 2017 and 2023. This recent literature is appropriate and supports the study's context effectively.</b>	
<u>Minor</u> REVISION comments  <b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language and English quality of the manuscript are suitable for scholarly communication. The manuscript is clear, well-written, and appropriate for the intended audience.	
<u>Optional/General</u> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>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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