

### Review Form 3

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_129510
Title of the Manuscript:	Encapsulated Plant Growth-Promoting <i>Lelliottia amnigena</i> MSR-M4 Enhance drought tolerance of two wheat varieties
Type of the Article	Original Research 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:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

#### PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This manuscript provides significant insights into enhancing drought tolerance in wheat using encapsulated <i>Lelliottia amnigena</i> MSR-M49. The findings address a critical global issue—water scarcity and its impact on food security—by demonstrating eco-friendly and sustainable agricultural practices. The study not only highlights the potential of microbial inoculants in mitigating drought stress but also presents evidence of improved physiological and biochemical traits in wheat. This work contributes to advancing agricultural resilience under abiotic stress, offering practical applications for regions facing water scarcity.	I have highlighted some mistakes in the manuscript file. Please review it carefully.
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title is informative but contains grammatical issues and can be made more concise.  Suggested Alternative Title: "Enhancing Drought Tolerance in Wheat Using Encapsulated <i>Lelliottia amnigena</i> MSR-M49"	
<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>	1-Remove excessive numerical data (e.g., hormone levels) to enhance readability. 2-Briefly mention the practical implications for agriculture, such as potential applications in water-scarce regions. 3-Ensure that the strain's accession number (MN494098) is correctly mentioned for reproducibility.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The manuscript appears scientifically robust, with a well-designed methodology and a clear presentation of results. The statistical analyses are appropriate, and the interpretation aligns with the findings. However, some sections could benefit from better organization, especially in the discussion, where references to prior studies could be more cohesively integrated. The conclusions drawn are valid and supported by the data.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	The references are generally sufficient and cover recent works.	

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<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language is generally understandable but requires refinement to meet scholarly communication standards. Grammatical errors, awkward phrasing, and inconsistent terminology reduce the overall clarity of the text. <b>Suggestions:</b> 1-Proofread the manuscript for grammatical issues and improve sentence structure. 2-Use consistent terminology for key terms (e.g., "encapsulation," "inoculants," "drought stress"). 3-Simplify overly complex sentences for better readability.	
<b>Optional/General</b> comments	There are a lot of grammatical errors and awkward phrasing. Carefully read the manuscript and correct these mistakes. I have highlighted some mistakes in the manuscript file. Review it carefully.  <b>PLEASE SEE ATTACHMENT</b>	

### **PART 2:**

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

<u>Name:</u>	<u>Ahsan Saleem</u>
<u>Department, University &amp; Country</u>	<u>The Islamia University of Bahawalpur, Pakistan</u>