

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_124281
Title of the Manuscript:	Influence of endophytic bacterial consortia on plant biochemical parameters of maize under moisture stress conditions in invitro
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION 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)
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.	Microbial consortia, a biological method, have the potential to alleviate the consequences of salt stress. Gaseous exchange, biochemical, ionic, and growth, and yield characteristics were used to evaluate the multi-strain consortia's potential for generating salt tolerance in field conditions on maize. Some of the PGPR strains <i>Pseudomonas</i> have been evaluated in laboratory and field experiments and have proven to be promising techniques for reducing salinity stress.	
Is the title of the article suitable? (If not please suggest an alternative title)	Impact of Plant Growth Promoting bacterial consortia on biochemical parameters of maize under moisture stress conditions Influence of endophytic bacterial consortia on biochemical parameters of maize under moisture stress conditions	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes Typographical error in 2nd line 3.1 Chlorophyll Stability Index (CSI %) Year of experiment must be incorporated in the manuscript Photographs of the experiment may be incorporated	
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.	Microbial consortia, a biological method, have the potential to alleviate the consequences of salt stress. Gaseous exchange, biochemical, ionic, and growth, and yield characteristics were used to evaluate the multi-strain consortia's potential for generating salt tolerance in field conditions on maize. Some of the PGPR strains <i>Pseudomonas</i> have been evaluated in laboratory and field experiments and have proven to be promising techniques for reducing salinity stress.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	Yes	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Having the ample scope for further study with another Cultivars of maize	

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PART 2:

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

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