

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_127345
Title of the Manuscript:	EFFECT OF BIOFERTILIZERS ON SOIL QUALITY UNDER GERBERA (<i>Gerbera jamesonii</i> Bolus) CULTIVATION
Type of the Article	Original Research Article

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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.	Biofertilizers are a sustainable alternative to chemical fertilizers, offering numerous benefits for soil quality. They enhance soil fertility by fixing atmospheric nitrogen, solubilizing phosphorus, and decomposing organic matter, which improves nutrient availability for plants. Biofertilizers also promote the growth of beneficial microorganisms, which can suppress soil-borne diseases and improve soil structure. This leads to better water retention, aeration, and root development. As highlighted in this manuscript, the use of some biofertilizers in floriculture can lead to healthier and more productive soils and reduce the environmental impacts associated with chemical fertilizers.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is suitable.	
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.	The abstract of the article contains some key points of the study - the treatments included and the conclusions drawn. Authors may also introduce the purpose of the study in the abstract. The MBC indicator in this section should be presented as Microbial Biomass Carbon. In my opinion, you need to choose better keywords for the manuscript.	
Are subsections and structure of the manuscript appropriate?	The manuscript is well structured and contains all the sections that help readers find the necessary information and easily follow the authors' methodology and arguments.	
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.	The manuscript contains important scientific information on the application of various types of biofertilizers in floriculture and their impact on soil fertility. The study design applied is appropriate. The data obtained are correctly compared with the results of similar studies.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	The references cited are up to date and adequate for the manuscript.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	In my opinion, the manuscript could be accepted after minor revision.	
Optional/General comments	<p>It is recommended to make some corrections: It is not necessary to present detailed information about soil testing methods in the Materials and Methods section. What statistical methods are used in data analysis? In the tables, "CD (5%)" is indicated instead "GD (5%)" (Great Difference). It is known that vermicompost is an organic fertilizer rich in nutrients, beneficial microorganisms and plant growth hormones. According to the literature, vermicomposts are earthworm feces after processing of various organic wastes. The composition is variable and depends on the nature of the substrate. Therefore, it is necessary to present the characteristics of the vermicompost used in the study. Which beneficial microorganisms are included in a consortium-based product (T₇ and T₈)? In the Results and Discussion section, the influence of the composition of the biofertilizers used on changes in soil properties can be discussed. There are some minor errors in the conclusion.</p>	

PART 2:

	Reviewer's comment	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)
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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