

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_103487
Title of the Manuscript:	EVALUATION OF AGRICULTURAL ECONOMICS OF TOMATO AND CUCUMBER IN QATAR AGRO CLIMATIC ZONE
Type of the Article	Review Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes, the manuscript is important for scientific community. It illustrated the current situation for tomato and cucumber cultivation and introducing the greenhouse cultivating to increase the yield.</p> <p>2. yes</p> <p>3. Yes</p> <p>4. Yes, subsections and structure of the manuscript are appropriate</p> <p>5. Yes, the manuscript is scientifically correct</p> <p>6. The references are sufficient but could be updated. Please add the following references: Grace H. (2021). Challenges in tomato cultivation and marketing: a thematic analysis. J Agric Value Add., 4, 13-25. Gao F., Li H., Mu X., et al. (2023). Effects of organic fertilizer application on tomato yield and quality: A meta-analysis. Fidel M., Kirti R. and Claudio S. (2022). Evaluating tomato production in open-field and high-tech greenhouse systems. J Cleaner Prod., 337, 130459. It is optional to add the following part to the end of "Conclusion and Future Perspectives" Tomato and cucumber cultivation are selected for many studies due to their importance. Tomato and cucumber play an important role in human nutrition because of the low fat and carbohydrate, but high content of vitamins, minerals, antioxidants, and dietary fibers. Numerous research studies try to find out the challenges faced by tomato farmers in the production, marketing and the marketing mechanisms for surplus production (Grace 2021). Tomato is the largest vegetable crop produced in the world, and is known as protective food due to its unique nutritional value and wide distribution. Thus, different strategies to overcome the climatic changes should be developed (Fidel et al. 2022). Especially, tomato plant is one of the most broadly cultivated plant crops in the world. Challenges and innovation to face climate change issues with crops should include: a) more efforts and management of different strategies to overcome the climatic change and to protect plants from diverse diseases and insects to get a high yield and quality (Grace 2021); b) development of crop varieties to increase tolerance to moisture pressure, salinity, high temperature and elevated CO2 levels in order to overcome climatic change issues and increase climate-resilience of the agriculture system; c) overcome the major barriers to the farmers such as lack of knowledge, lack of awareness of the modern technology, <i>i.e.</i>, application of bioherbicides, biopesticide, biofertilizers, and improved seeds (Gao et al. 2023). Relevant agricultural system should take imitative steps to spread the knowledge about the modern technology usage, which is the biggest challenge faced by the farmers.</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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