

Review Form 1.7

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_111924
Title of the Manuscript:	REVIEW ON ORGANIC AND CHEMICAL FARMING IN AGRICULTURAL SECTOR
Type of the Article	Review Article

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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Crop rotation and soil management are used not only in organic farming. These agricultural measures should not be included in organic methods. The soil cannot be sterile, it is better to say infertile. The statement that mineral fertilizers eliminate the need for crop rotation, allowing to grow the same plants in one place is not true, because there are phenomena of soil exhaustion and phytotoxicity of plant residues or soil. The statement that chemical fertilizers contribute to plant diseases is false, as it is manifested only in violation of cultivation technology or exceeding the recommended norms. The article needs revision, it is necessary to clearly formulate the problem and offer options for its solution. Insufficient amount of used literature. Pysarenko, P., Samojlik, M., Galytska, M., Tsova, Y., & Mostoviak, I. (2023). Influence of Bacillus subtilis on soil microbiocenosis. Ecological Questions, 34(2), 1–12. DOI: 10.12775/EQ.2023.038 Moskalenko, A. M., Volkohon, V. V. Economic grounding for ecologically safe strategy of mineral fertilizers use. Actual Problems of Economics. 2015. Vol. 171, Is. 9. P. 286–293 Bulyhin, S., Tonkha, O. 2018. Biological evaluation of the rationality of soil usage in agriculture. – Agricultural Science and Practice, 5(1):23–29. DOI: 10.15407/agrisp5.01.023 Rieznik, S., Havva, D., Dehtiarov, V., & Pachev, I. (2023). Dynamics of the Number of Functional Groups of Microorganisms under Different Farming Systems. In Journal of Mountain Agriculture on the Balkans (Vol. 26, Issue 1, pp. 549–567). Rieznik, S., Havva, D., Chekar, O. 2021. Enzymatic activity of typical chernozems under the conditions of the organic farming systems. Scientific Papers. Series A. Agronomy, Vol. LXIV, Issue 2, P. 114-119. Rieznik, S., Havva, D., Butenko, A., Novosad, K. 2021. Biological activity of chernozems typical of different farming practices. Agraarteadus, 32(2) P. 307-313. DOI: 10.15159/jas.21.34. Dmytruk Y., Dent D. (eds) Soils Under Stress. Springer, Cham, 255 DOI: 10.1007/978-3-030-68394-8 etc.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes.	
<p>Optional/General comments</p>		

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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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