

Review Form 1.7

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_110229
Title of the Manuscript:	Effect of Shifting Cultivation on Soil health and Microbial diversity in Junnar Taluka of Pune District
Type of the Article	Original Research 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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	1. The study of the impact of agriculture on the biological activity of soils will always be a relevant and important issue. 2. The title of the article describes the work well. 3. The abstract gives a sufficient idea of the content of the article. 4. The article is well structured. 5. The experiment is set correctly and logically, but it is necessary to indicate the nutrient medium used for growing microorganisms. It is necessary to indicate the full name of the soil according to the international classification (if possible, indicate the coordinates where the samples were taken). It is necessary to indicate when the research was conducted and soil samples were taken. 6. More recent articles should be added to the literature review: Kwiatkowski, C. A., E. Harasim, B. Feledyn-Szewczyk and J. Antonkiewicz, 2020. Enzymatic activity of loess soil in organic and conventional farming systems. Agriculture, 10 (4), 135. DOI: 10.3390/agriculture10040135. 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., D. Havva, A. Butenko and K. Novosad, 2021. Biological activity of chernozems typical of different farming practices. Agraarteadus, 32 (2), 307–313. DOI: 10.15159/jas.21.34. Rieznik, S., D. Havva and O. Chekar, 2021. Enzymatic activity of typical chernozems under the conditions of the organic farming systems. Scientific Papers. Series A. Agronomy, LXIV (2), 114–119. Volkohon, V.V., Pyrig, O.V., Volkohon, K.I., Dimova, S.B. 2019. Methodological aspects of determining the trend of organic matter mineralization synthesis processes in croplands. – Agricultural Science and Practice, 6(1):3–9. DOI: 10.15407/agrisp6.01.003	Nutrient media was used and was already mentioned in the manuscript ... Highlighted Formula for CFU added ... Highlighted Classification and coordinates also added ... Highlighted Suggested recent ref added ... Highlighted
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes.	
Optional/General comments	Choose a uniform design style and references to literary sources. In Table 3, it is not clear what the marks * and ** mean.	The references are revised as per the journal style

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?	(If yes, Kindly please write down the ethical issues here in details)	