

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_125821
Title of the Manuscript:	Navigating Pesticide Residue Accumulation in Arable Soils: Insights for Sustainable Agriculture
Type of the Article	Review Article

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.	Navigating pesticide residue accumulation in arable soils is of critical importance for the scientific community due to several ecological, agricultural, and health-related reasons. Pesticides can degrade soil quality by killing beneficial microorganisms that are vital for maintaining soil structure, nutrient cycling, and organic matter decomposition. Residual pesticides can harm non-target organisms such as earthworms, insects, and plants, disrupting ecosystems and leading to reduced biodiversity. Pesticides can leach into groundwater or run off into nearby water bodies, causing water contamination that affects aquatic ecosystems, wildlife, and human water supplies. So this manuscript is important for the scientific community	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes title is according to manuscript	
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.	Not required	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	Agricultural soils are contaminated with pesticide residues due to overuse of pesticides, even with advancements in pest management. Since pesticide residues can affect human health when ingested through the food chain, it is quite concerning when they build up in edible plants. Farmers and workers handling contaminated soils face increased risks of pesticide exposure, which could lead to acute and long-term health problems.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Not required	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes language is clear and illusive	
Optional/General comments		

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)	

Reviewer Details:

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