

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_129300
Title of the Manuscript:	Pesticide contamination of urban lettuce (<i>Lactuca sativa</i> L.) in Yamoussoukro (Côte d'Ivoire).
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript holds significant value for the scientific community as it addresses the pressing issue of pesticide contamination in urban agriculture, a critical concern for food safety and public health. Through providing detailed data on contamination levels in lettuce, a widely consumed vegetable, it highlights the potential health risks associated with pesticide residues and offers evidence-based insights into agricultural practices in Yamoussoukro. The study bridges a gap in knowledge about urban-grown produce contamination in Côte d'Ivoire and the sub-Saharan region, where similar studies are limited. Additionally, the findings can guide policy interventions, promote safer agricultural practices, and inform future research on mitigating health risks linked to pesticide use.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title, "Pesticide contamination of urban lettuce (<i>Lactuca sativa</i> L.) in Yamoussoukro (Côte d'Ivoire)," is descriptive and provides clarity about the focus of the study. However, it could be enhanced to emphasize the health risks and broader implications of the findings: Health Risks and Pesticide Contamination in Urban-Grown Lettuce: A Case Study from Yamoussoukro, Côte d'Ivoire	

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<p>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.</p>	<p>Highlight the significance of the findings and their implications for public health and policy.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Introduction</p> <p>Merge repetitive mentions of pesticide risks and focus on why Yamoussoukro is a unique case.</p> <p>Include a sentence on the novelty or gap this study addresses in the broader context of urban agriculture.</p> <p>The introduction could benefit from a more logical progression.</p> <p>Materials and Methods</p> <p>Justify the choice of study sites and sample size.</p> <p>Highlight how the study's design ensures representativeness or validity despite potential limitations.</p> <p>Pesticide Analysis Technique</p> <p>Condense technical details, focusing on essential information about the HPLC process.</p> <p>Data Analysis</p> <p>Briefly explain why MATLAB and Past 4.17 were chosen.</p> <p>Ensure consistency in how statistical methods are reported.</p> <p>Results</p> <p>Include a comparative discussion of pesticide levels across sites to provide context.</p> <p>Chemical Risks Associated with Eating Lettuce</p> <p>Compare risk levels with real-world benchmarks (e.g., typical exposure levels in other cities).</p> <p>Suggest actionable steps for mitigating risks, such as washing or peeling practices.</p> <p>Discussion</p> <p>Focus more on interpreting findings, explaining why certain pesticides were prevalent and the broader implications for public health.</p> <p>Highlight specific policy recommendations based on findings.</p> <p>Conclusion</p> <p>Emphasize the need for immediate action and outline specific recommendations for stakeholders.</p> <p>End with a forward-looking statement about potential areas for further research.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The manuscript includes a substantial number of references, demonstrating a solid effort to ground the study in existing literature.</p>	

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Is the language/English quality of the article suitable for scholarly communications?	The language of the article is generally clear and suitable for scholarly communication, but there are areas that could be improved for greater precision and fluency.	
Optional/General comments		

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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