

**Review Form 3**

Journal Name:	<b>International Journal of Biochemistry Research &amp; Review</b>
Manuscript Number:	<b>Ms_IJBCRR_123227</b>
Title of the Manuscript:	<b>Agroterrorism: Assessing the Growing Threat to Global Food Security and Economic Stability</b>
Type of the Article	

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>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.</p>	<p>The manuscript on agroterrorism is critically important for the scientific community as it addresses a growing and complex threat to global food security and economic stability. By examining historical cases and current concerns, it highlights the vulnerability of agriculture to deliberate attacks, which could result in devastating economic and social consequences. The manuscript's emphasis on multi-sectoral cooperation, advanced detection methods, and strengthened biosecurity measures offers valuable insights for developing robust strategies to counteract this evolving threat. Its contributions are vital for informing policy, guiding research, and enhancing global preparedness against agroterrorism.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title "Agroterrorism: Assessing the Growing Threat to Global Food Security and Economic Stability" is suitable. It effectively captures the key focus of the manuscript by highlighting the central themes of agroterrorism, the threat to food security, and the potential economic impact. The title is clear, informative, and aligns well with the manuscript's content, making it an appropriate choice for the intended audience.</p>	
<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>The text provided is strong in conveying the importance and relevance of the manuscript, but it reads more like a justification for the manuscript rather than a traditional abstract. An abstract typically provides a concise summary of the research, including the problem addressed, the methods used, key findings, and conclusions. Here's a revised version that aligns more closely with the typical structure of an abstract:</p> <p><b>Abstract:</b></p> <p>Agroterrorism, the intentional targeting of agriculture with harmful agents to cause widespread damage, poses an escalating threat to global food security and economic stability. This manuscript explores the historical and contemporary dimensions of agroterrorism, examining incidents that reveal the vulnerability of agricultural systems to deliberate attacks. By analyzing the risks associated with advancements in biotechnology and the increasing interconnectedness of global trade, the study underscores the urgent need for comprehensive biosecurity measures. The manuscript advocates for enhanced multi-sectoral cooperation, improved detection and response strategies and strengthened international trade regulations to mitigate the potential impacts of agroterrorism. These findings provide critical insights for policymakers, researchers, and practitioners dedicated to safeguarding the global food supply against this evolving threat.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>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.</p>	<p>The text provided is scientifically accurate and effectively communicates the significance of the manuscript on agroterrorism. It correctly identifies agroterrorism as a serious and growing threat to global food security and economic stability. The text also appropriately emphasizes the vulnerability of agriculture to deliberate attacks, the potential for severe economic and social consequences, and the importance of multi-sectoral cooperation, advanced detection methods, and strengthened biosecurity measures.</p> <p>The following points make the text scientifically sound:</p> <p><b>Global Food Security and Economic Stability:</b> Agroterrorism indeed poses a risk to both global food security and economic stability. Disruptions in agriculture can lead to food shortages, price volatility, and economic damage, especially in interconnected global markets.</p>	

**Review Form 3**

	<p><b>Historical Cases and Current Concerns:</b> The reference to historical cases is accurate; incidents like the mercury contamination of Jaffa oranges and cyanide-tainted grapes are well-documented examples that demonstrate the potential for agroterrorism to cause widespread harm.</p> <p><b>Multi-Sectoral Cooperation:</b> Effective prevention and preparedness against agroterrorism require collaboration across various sectors, including law enforcement, agriculture, and scientific communities. This point is crucial and correctly highlighted in the text.</p> <p><b>Advanced Detection Methods and Biosecurity Measures:</b> The text rightly underscores the need for advanced detection methods and biosecurity measures. As the risk of agroterrorism evolves with technological advancements, particularly in biotechnology, these measures become increasingly important.</p> <p><b>Informing Policy and Guiding Research:</b> The contributions of the manuscript to policy and research are essential for developing strategies to counteract agroterrorism. The text accurately reflects the importance of this work in enhancing global preparedness.</p> <p><b>Overall, the text is well-grounded in scientific principles and accurately reflects the critical issues surrounding agroterrorism.</b></p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>⋮</p>	<p>Yes.</p>	

**Review Form 3**

<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The quality of language in the text is scientifically accurate and well-constructed. It effectively communicates the importance and relevance of the manuscript on agroterrorism to the scientific community. The language is clear, precise, and appropriate for a scholarly audience, with the following key points reflecting its quality:</p> <p>Clarity and Precision: The text clearly outlines the significance of the manuscript, highlighting the threat posed by agroterrorism to global food security and economic stability. The language used is precise, avoiding ambiguity and ensuring that the message is easily understood by the intended audience.</p> <p>Scientific Tone: The text maintains a formal and objective tone, which is typical and expected in scientific writing. This tone enhances the credibility of the argument and aligns with the conventions of academic discourse.</p> <p>Appropriate Vocabulary: The vocabulary used is suitable for a scientific context, with terms like "multi-sectoral cooperation," "advanced detection methods," "biosecurity measures," and "global preparedness" accurately reflecting the complexity and seriousness of the subject matter.</p> <p>Coherent Structure: The text is well-structured, with a logical flow that guides the reader from the importance of the manuscript to its specific contributions. Each sentence builds on the previous one, creating a cohesive argument.</p> <p>Balanced Emphasis: The language balances the description of the problem (agroterrorism) with the proposed solutions (cooperation, detection methods, biosecurity). This balance is important in scientific writing, where both the issue and the response need to be clearly articulated.</p> <p>Overall, the language is not only scientifically correct but also of high quality, effectively conveying the manuscript's significance and contributions.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>The manuscript titled "Agroterrorism: Assessing the Growing Threat to Global Food Security and Economic Stability" presents a crucial and timely analysis of a significant issue that has wide-reaching implications. Here are some general comments:</p> <p>Relevance and Timeliness: The manuscript addresses a highly relevant topic, especially in the context of increasing global interdependence and advancements in technology that could potentially be exploited by malicious actors. The focus on agroterrorism is particularly important as it intersects with global food security, economic stability, and public safety, areas that are critical for societal well-being.</p> <p>Comprehensive Approach: The manuscript's examination of both historical cases and current concerns provides a well-rounded understanding of the issue. By looking at past incidents, the manuscript contextualizes the ongoing risks and underscores the evolving nature of threats to agriculture.</p> <p>Focus on Prevention and Preparedness: The emphasis on multi-sectoral cooperation, advanced detection methods, and biosecurity measures is a strong point of the manuscript. This focus highlights practical steps that can be taken to mitigate risks, making the research actionable and relevant for policymakers and practitioners.</p> <p>Contribution to the Field: The manuscript makes a valuable contribution by offering insights that are not only of academic interest but also have practical implications. The findings and recommendations could inform policy development, guide future research, and enhance global preparedness efforts against agroterrorism.</p> <p>Language and Structure: The language used is clear, precise, and scientifically sound, making the manuscript accessible to a broad audience within the scientific community. The structure of the manuscript appears to be logical, with a coherent flow that effectively communicates the main points.</p> <p>Potential Impact: Given the growing concerns about food security and the potential economic impact of</p>	

**Review Form 3**

	<p>agroterrorism, the manuscript is likely to attract attention from various stakeholders, including government agencies, international organizations, and the broader research community. Its focus on developing strategies to counteract this threat is particularly significant.</p> <p>Overall, the manuscript is well-positioned to make a meaningful impact on the understanding and management of agroterrorism. It provides a comprehensive analysis of the threats and offers practical solutions that could enhance global resilience in this critical area.</p>	
--	---	--

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Jitendra Kumar Sinha</b>
Department, University & Country	<b>India</b>