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| Journal Name: | [**PLANT CELL BIOTECHNOLOGY AND MOLECULAR BIOLOGY**](https://www.ikprress.org/index.php/PCBMB) |
| Manuscript Number: | **Ms\_PCBMB\_13070** |
| Title of the Manuscript: | **Nanobiotechnology Applications in Enhancing Crop Disease Resistance and Postharvest Quality: A Review** |
| Type of the Article |  |

**PART 1: Comments**

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|  | **Reviewer’s comment** | | | | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
|  | **Artificial Intelligence (AI) generated or assisted review comments** | |  |
| **are strictly prohibited during peer review.** |  | |
| **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 paper offers up-to-date information on the new function of nanobiotechnology in improving postharvest quality and disease  resistance. It draws attention to creative, environmentally friendly methods that are essential for raising output and ensuring food security. | | | |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title of the article, *"Nanobiotechnology Applications in Enhancing Crop Disease Resistance and Postharvest Quality: A Review,"* is clear, informative, and accurately reflects the content of the 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.** | The abstract is thorough and gives a decent summary of the main ideas of the paper. It provides a concise overview of the advantages,  uses, and difficulties of nanobiotechnology**.** | | | |  |
| **Is the manuscript scientifically, correct? Please write here.** | Minor corrections is needed to **avoid repetition** in some sections and to ensure **consistent explanation of mechanisms** across different types of nanomaterials. Overall, the scientific foundation of the manuscript is strong. | | | |  |
| **Are the references sufficient and recent? If you have suggestions of additional**  **references, please mention them in the review form.** | The references cited in the manuscript are sufficient, relevant, and recent. | | | |  |

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| **Is the language/English quality of the article suitable for scholarly communications?** | The language and English quality of the manuscript are generally suitable for scholarly communication |  |
| **Optional/General** comments | **The manuscript addresses an important topic and is generally well-written. Minor improvements in language polishing and reducing redundancy are suggested. It is suitable for publication**  **after minor revisions.**  The manuscript is well-organized, scientifically correct, and comprehensive. Minor revisions are needed |  |

**PART 2:**

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|  | **Reviewer’s comment** | **Author’s Feedback** (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 detail)* |  |

**Reviewer details:**

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