

Review Form 3

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_128741
Title of the Manuscript:	Nano-seed coating technologies for enhancing vegetable seed performance and stress tolerance
Type of the Article	Review 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.	Nano-seed coating technologies have emerged as an unpredictable modifications in modern agriculture, giving potential options for improving vegetable seed performance and stress tolerance. These coatings integrate nanomaterials and bioactive chemicals, allowing for precise delivery of nutrients, growth regulators, and protective agents to the seed. Nano-coatings not only increase the physiological quality of seeds, but they also make them more resistant to abiotic challenges like drought, salinity, and temperature extremes. Furthermore, the method promotes environmentally friendly agriculture practices by minimizing the need for excessive pesticide use.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title of the article is suitable	
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.	Yes, the abstract of the article is comprehensive	
Is the manuscript scientifically, correct? Please write here.	There are numerous subheadings, and each subheading contains other subheadings. The amount of content provided is quite small. My idea is to limit the number of subheadings and provide an extra review.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Include more recent references for backing the article.	
Is the language/English quality of the article suitable for scholarly communications?	Need for improvement in the language.	
Optional/General comments	Reduce numerous subheading Include more recent references	

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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>	

Reviewer Details:

Name:	M. Ananthi
Department, University & Country	Tamil Nadu Agricultural University, India