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| Journal Name: | [**Chemical Science International Journal**](https://journalcsij.com/index.php/CSIJ) |
| Manuscript Number: | **Ms\_CSIJ\_138980** |
| Title of the Manuscript: | **TECHNOLOGY FOR THE SYNTHESIS OF POLYMER-ENCAPSULATED UREA FERTILIZERS INCORPORATING HYDROQUINONE AS A NITRIFICATION INHIBITOR** |
| Type of the Article |  |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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. A minimum of 3-4 sentences may be required for this part.** | **The manuscript is a novel technological approach to solving the problem of fertilizer leaching in nitrogen- based fertilizers. The manuscript integrates polymer chemistry and Agricultural technology to produce an economically efficient fertilizer. The validation of the novel polymer hydroquinone encapsulated fertilizer has been demonstrated in the study.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is very suitable.** | **Thank you for your opinion** |
| **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 comprehensive enough.** | **Thank you for your opinion** |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically very correct.** | **Thank you for your opinion** |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The references are sufficient and recent.** | **Thank you for your opinion** |
| **Is the language/English quality of the article suitable for scholarly communications?** | **The language quality is very suitable.** | **Thank you for your opinion** |
| **Optional/General** comments | **The manuscript is an excellent solution, proffering research.**  **SEE ATTACHMENT** | **Thank you for your opinion** |

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| **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)* | There are no ethical issues in this manuscript |