

Review Form 1.6

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_94642 |
| Title of the Manuscript: | Effect of different herbicides and allelochemicals on weed density and soil microbial population under direct seeded rice (Oryza sativa L.) |
| Type of the Article | Research paper |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

PART 1: Review Comments

| | 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) |
|-------------------------------------|--|---|
| Compulsory REVISION comments | Material methods inadequate Please mention the details of treatments, statistical package used for analysis, how the extracts of different plants were prepared, what are the allelochemicals present in the used extracts, etc | |
| Minor REVISION comments | All the grammatical mistakes highlighted in the manuscript need to be corrected Discussion portion needs re revision for more clarity | |
| Optional/General comments | | |

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) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> When chemicals are used for weed management in any crop/open field, certain SOP are to be followed due to the harardous chemical effect of them to flora and fauna, weather proper precautionary measures are followed, how the used chemical cans disposed also need to be mentioned. | |

Reviewer Details:

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| Name: | J. Suresh Kumar |
| Department, University & Country | ICAR-CTCRI, India |