

Review Form 1.7

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_106504 |
| Title of the Manuscript: | Green Manure: Aspects and its Role in Sustainable Agriculture |
| Type of the Article | A manuscript |

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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) |
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| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <ul style="list-style-type: none"> • Due to the increasing problems facing agriculture, including climate change, thrilling weather events, soil deterioration, and land contamination as a result of the overuse of chemical fertilizers, many farmers are adding green manuring into their methods. • It has been mentioned that the soil is given organic matter as a result of the agricultural usage of green admixture crops and their integration, making green manures indispensable for attaining assembly sustainability. • Yes, the title of the manuscript is suitable and appropriate enough. • Yes, the abstract written is comprehensive. • Yes, they are appropriate enough enumerating various significant aspects. • Conferring to estimates, a green manure crop that is 40–50 days old can provide up to 80–100 kg N/ha. • Green manuring is a beneficial tool for the crop's optimum growth as it aids in maintaining the soil fertility and the general health of the soil by integrating nutrients like nitrogen into the soil apart from promoting the growth of useful microorganisms and broadening the soil diversity. • The previous reports revealed that legume green manure crops that have been incorporated into the soil emanate organic compounds like organic acid, amino acids, carbohydrates, vitamins, and mucilage both during crop growth and post-decomposition. • The references cited are adequate and recent enough. | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <ul style="list-style-type: none"> • Pg.no.5, 3rd paragraph, 1st line: increases-change the verb form. • Pg.no.6, 4th line: contributes significantly- correct subject-verb. • There is a slight irregularity in the font style for the years (one to a few) cited in the brackets in the References portion. Please check and maintain uniformity. • The usage of the English language is appropriate and suitable for scholarly communications. | |

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| Optional/General comments | <ul style="list-style-type: none">Overall, the manuscript has been succinctly authored, significant, and engaging. | |
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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) |
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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> | |

Reviewer Details:

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| Name: | Asma Jabeen |
| Department, University & Country | Indian Institute of Rice Research, Osmania University, India |