

ReviewForm3

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| JournalName: | InternationalJournalofPlant&Soil Science |
| ManuscriptNumber: | Ms_IJPSS_128516 |
| TitleoftheManuscript: | Effectofsalinewater irrigation andorganicamendments onthegrowthandqualitycharacters ofcluster bean |
| Type oftheArticle | ResearchArticle |

PART 1: Comments

| | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. 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. | This article is suitable for the scientific community as it highlights the irrigation with different salinity levels and application of different organic amendments favourably influenced the growth characters of cluster bean. The three levels of saline water irrigation treatment tried, the treatment S1, irrigated through borewell water recorded the highest plant height, number of branches per plant, chlorophyll content, leaf area index and Dry matter production. This was followed by the salinity levels S2 and S3 saline water irrigation. Irrespective of the salinity levels, all the organic amendments evaluated significantly improved the growth characters of cluster bean. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The current title, "Effect of saline water irrigation and organic amendments on the growth and quality characters of cluster bean", is clear and suitable for the article as it accurately reflects the focus on organic amendments on the growth and quality characters of cluster bean advancements and research development | |
| 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 but could benefit from greater specificity. Including the pot experiment was carried out to test the salinity tolerance level of MDU - 1 in the presence of organic manures, and highlighting specific raised using selected salinity tolerant Cluster bean variety MDU-1 as test crop. The experimental soil was sandy loam texture and taxonomically classified as <i>Typic Ustifluvent</i> . Among the three levels of salinity tried, the treatment S1, irrigated through borewell water recorded the highest response in respect of growth and quality characters of Cluster bean as compared to saline water irrigation treatment S2 and S3. All the sources of organic evaluated proved significant to increase the growth and quality characters of | |
| Is the manuscript scientifically correct? Please write here. | The subsections and structure of the manuscript are generally appropriate, as they logically present the key aspects of all the sources of organic evaluated proved significant to increase the growth and quality characters of cluster bean. However, the flow could be improved by consolidating repetitive content and ensuring smoother transitions between sections. Additionally, a dedicated subsection on practical applications and real-world case studies would enhance the manuscript's relevance and utility for readers. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention | The references provided are comprehensive and cover a wide range of studies related to the sources of organic evaluated proved significant to increase the growth and quality characters of cluster bean. Many | |
| Is the language/English quality of the article suitable for scholarly communications? | The language and English quality of the article are functional for scholarly communication but could benefit from refinements to enhance clarity and readability. The article demonstrates strengths such as the use of appropriate technical terminology relevant to the growth and quality characters of cluster bean, reflecting a scholarly tone. Additionally, it follows a structured academic format, including sections like the abstract, introduction, and detailed discussion on saline water irrigation improving growth, quality parameters and nutrient uptake of cluster bean. The inclusion of citations and references further supports its credibility, aligning with academic standards. | |

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| Optional/General comments | Once reframe this article and its process for publication. | |
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PART 2:

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| | 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? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|--|
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