

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_125888
Title of the Manuscript:	Fodder crops: harnessing carbon for a greener tomorrow
Type of the Article	Review Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Carbon sequestration helps remove CO ₂ , a major greenhouse gas, from the atmosphere, which is crucial for mitigating global warming. Fodder cultivation can significantly enhance carbon sequestration, a vital process in mitigating climate change by capturing atmospheric carbon dioxide (CO ₂) and storing it in soil and plant biomass. This article has very beautifully explained the importance of fodder crops in reducing carbon footprints of agriculture system.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, its suitable and represents the manuscript content. Here are some other suggested titles: 1. The Role of Perennial Fodder Crops in Enhancing Carbon Sequestration: A Sustainable Agriculture Approach 2. Perennial Fodder Crops as a Tool for Soil Carbon Management in Agroecosystems 3. Carbon Sequestration through Sustainable Fodder Production: Enhancing Soil Health and Mitigating Climate Change	
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, its well written.	
Are subsections and structure of the manuscript appropriate?	Its good and enough.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript demonstrates scientific robustness and technical soundness through its evidence-based approach, drawing on well-established principles of carbon sequestration and sustainable agricultural practices. It integrates current knowledge about the role of fodder crops in enhancing soil organic carbon and reducing greenhouse gas emissions, supported by research on perennial crops, root systems, and soil health. Furthermore, the manuscript emphasizes data-driven analysis, grounded in peer-reviewed literature and empirical studies, ensuring the accuracy of the claims.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, the author has compiled the enough & recent peer reviewed article.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, its suitable.	
Optional/General comments	This article is very well written and have very deep understanding regarding importance of perennial fodder crops in mitigating GHGs and storing atmospheric carbon to make agriculture system carbon neutral. Please add some discussion on “effect of increasing fodder crop cultivation on global food security of growing human population” as we need to divert the land resource, if possible.	

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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>	

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