

ReviewForm3

JournalName:	AsianJournalofResearchinCropScience
ManuscriptNumber:	Ms_AJRCS_127828
TitleoftheManuscript:	FoliarApplicationofProlineEnhancesSaltStressToleranceofJute(CorchorusolitoriusL.)byRegulatingPhotosyntheticAttributes,OsmolytesandIon Homeostasis
TypeoftheArticle	OriginalResearchArticle

PART1: 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.	The article addresses the most significant environmental issue impacting global food security: salinity. To cope with this challenge, many researchers have investigated chemicals and biofertilizers to mitigate the negative effects of salt on plant growth and crop productivity.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable	
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 and needs no addition	
Is the manuscript scientifically correct? Please write here.	The manuscript demonstrates a high level of scientific accuracy. The methodologies employed are clearly defined and appropriate for the study, while the results are presented in a logical manner. Additionally, the discussion section effectively synthesizes the findings, offering insightful interpretations	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>The references are sufficient and some of them are recent</p> <p>Additional references suggested:</p> <ul style="list-style-type: none"> • El-Shawa, Ghada MR, Eman M. Rashwan, and KhAA Abdelaal. "Mitigating salt stress effects by exogenous application of proline and yeast extract on morpho-physiological, biochemical and anatomical characters of calendula plants." <i>Scientific Journal of Flowers and Ornamental Plants</i> 7.4(2020): 461-482. • ElMoukhtari, Ahmed, et al. "How does proline treatment promote salt stress tolerance during crop plant development?." <i>Frontiers in plant science</i> 11(2020): 1127. • Rhaman, Mohammad Saidur, et al. "Proline and glycine betaine: A dynamic duo for enhancing salt stress resilience in maize by regulating growth, stomatal size, and oxidative stress responses." <i>Plant Stress</i> 14(2024): 100563. • Zulfiqar, Faisal, and Muhammad Ashraf. "Proline alleviates abiotic stress induced oxidative stress in plants." <i>Journal of Plant Growth Regulation</i> 42.8(2023): 4629-4651. • Horchani, Faouzi, et al. "Simultaneous application of ascorbic acid and proline as a smart approach to mitigate the adverse effects of salt stress in wheat (<i>Triticum aestivum</i>)." <i>Biology Bulletin</i> 51.5(2024): 1346-1363. 	

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Isthe language/English quality of the articles suitable for scholarly communications?	The manuscript needs a linguistic revision to be suitable for scholarly communication: There are some corrections and remarks included directly on the text of manuscript	
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)
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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