

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_128409
Title of the Manuscript:	Standardization of Sucrose Concentration in Micropropagation of valuable aquascape plant Echinodorus greisebachii
Type of the Article	Original Research Article

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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.	The author standardized the optimum sucrose concentration in shooting and rooting medium in micropropagation of valuable aquascape plant <i>Echinodorus greisebachii</i> . The different concentrations (10, 20, and 30 gL ⁻¹) of sucrose were tested in combination with 2 mgL ⁻¹ BAP to assess their impact on shoot proliferation. The author reported that for shoot induction, the inclusion of 2 mgL ⁻¹ BAP and 30 gL ⁻¹ sucrose in the MS medium significantly enhanced shoot initiation, elongation, and leaf production. Similarly for root induction the most effective treatment involved using half-strength MS medium supplemented with 3 mgL ⁻¹ IBA and 30 gL ⁻¹ sucrose, which resulted in optimal root development. The outcome of this experiment will play the role of sucrose concentration in promoting successful in vitro propagation.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The author is suggested to incorporate few more references	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

Commented [A1]: Please mention full form also

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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