Review Form 3

Journal Name:	**Asian Journal of Research in Biochemistry**
Manuscript Number:	**Ms_AJRB_125378**
Title of the Manuscript:	**“Effect of propagation media on growth performance of star jasmine (Jasminum multiflorum Burm. f. Andrews) by stem cuttings”.**
Type of the Article	

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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.	**This work is a clad contribution to the asexual/vegetative propagation knowledge of Star Jasmine (*Jasminum multiflorum*) owing to lengthy duration of the protocol for mass propagation and the difficulty existed in sexual reproduction of the species. Previous studies have reported different stem cutting and layering techniques of propagating Star Jasmine *ex vitro.* This study focused on optimizing the composition of growth media for better growth performance in Star Jasmin propagation by using stem cuttings. This is an addition to the present understanding in the field of plant propagation taking in to account the achievement of relatively short (9.67 days) sprouting time and high survival rate (78.67%) with enhanced growth attributes using a propagation media composed in 1:1:1 ratio of Soil, Vermicompost and Cocopeat.**	
Is the title of the article suitable? **(If not please suggest an alternative title)**	**"Effect of media formulation on survival and growth performance of star jasmine (*Jasminum multiflorum* Burm. f. Andrews) propagation by stem cuttings".**	
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 part is fairly comprehended.** **1. It has some redundancies e.g., line three "eight treatments" and final statement mentioning the optimal media composition is repeated and has to be modified.** **2. No need of mentioning all the eight treatment combinations. Better remove it as it is mentioned in the M & M part.**	
Are subsections and structure of the manuscript appropriate?	**The introduction part not well structured that lacks logical flow particularly in indicating the gaps and way out enabling objectives clearly.**	
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.	**This paper is scientifically sound under the directions of journal's guideline. In this work, research gaps in propagation of Star Jasmine are indicated and tried to put aim and objectives though not well elaborated. It involved scientific experiments to test effect of media composition on survival and growth performance of the plant applying vegetative propagation by stem cuttings. The work reached at and indicated findings that can fill the gap.**	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	**References cited in the text are put in the bibliography part correctly. The numbers of references cited and used are not sufficient and require some addition, particularly in the M&M (methods followed in each activity) and discussion part.**	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	Of course, it is suitable after minor revision.	
Optional/General comments	1. You employed ordinary/weak statistical method that may lead to unreliable output. As you laid your experiment in RBD design, why didn't you use statistical software such as R, SAS or SPSS for more precision in analysis of variances among treatment at certain P value (0.05 or lower). 2. In describing the results better to express as different media compositions rather than different propagation media. The later could take a meaning of standard commercial all-in-one media type.	

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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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Magdi Ismaiel Saif**
Department, University & Country	**Suez Canal University, Egypt**