

Review Form 3

Journal Name:	Asian Journal of Agricultural and Horticultural Research
Manuscript Number:	Ms_AJAHR_130519
Title of the Manuscript:	GROWTH OF BLACK ORCHID (COELOGYNE PANDURATA L.) BY TISSUE CULTURE ON FERTILIZER AND NATURAL ORGANIC SUPPLEMENTS MEDIA
Type of the Article	

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 manuscript is significant to the scientific community for several reasons. It addresses the critical issue of conservation for the endangered black orchid (<i>Coelogyne pandurata</i> L.), a species endemic to Indonesia and highly valued for its rarity and aesthetic appeal. The study contributes to sustainable horticultural practices by exploring tissue culture techniques that enable the propagation of this orchid under controlled conditions, overcoming challenges associated with conventional methods. Moreover, it highlights the innovative use of organic supplements such as Ambon banana extract and mung bean sprout extract in media formulation, which may optimize growth and enhance plant vigor.	Noted
Is the title of the article suitable? (If not please suggest an alternative title)	The title is clear and conveys the scope of the study effectively. However, consider rephrasing to emphasize the experimental aspect, such as: <i>"Optimizing Tissue Culture Growth of Black Orchid (Coelogyne Pandurata L.) Using Fertilizer and Natural Organic Supplements."</i>	Title revised
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 offers a brief overview of the study but would benefit from clearer articulation of the results and their significance. In particular, it should emphasize the broader implications for horticultural research and the cultivation of black orchids.	OK
Is the manuscript scientifically, correct? Please write here.	The manuscript seems scientifically robust based on the information presented.	OK
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are relevant, though it would be beneficial to incorporate more recent studies (from the past 5 years) to contextualize the findings within current research trends.	
Is the language/English quality of the article suitable for scholarly communications?	The language is mostly suitable for scholarly communication, but minor grammatical issues and awkward phrasing could be improved. A thorough proofreading is recommended.	
Optional/General comments	This research holds significant value for enhancing horticultural techniques and promoting black orchid propagation. The creative integration of fertilizer with organic supplements is particularly commendable. However, the manuscript would benefit from: 1. More comprehensive statistical analysis, 2. Greater clarity in the presentation of methodology and results, and 3. Improved language refinement to enhance readability.	Effectuated revision

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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>	