

### Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_121216
Title of the Manuscript:	Modulation of Antioxidant Properties in Leaves of Betel Vine (Piper betel L.) Influenced by the Fungicide Blitox
Type of the Article	

#### 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.	The manuscript describes the experiment conducted on an important medicinal crop betel vine. The manuscript concludes that the fungicide increases the antioxidant activity. Hence, the fungicide sprayed betel leaf has enhanced medicinal value.	
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	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	Blitox contains copper oxychloride. Research articles say it causes genotoxicity and cytotoxicity in humans. The sprayed Blitox does not get washed off easily. So, the human must consume the fungicide along with the betel leaf. This may cause some effects in human. How will the author justify this point?	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No. There is only one reference from 2021. Other references date back.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	This work just analyses the production of antioxidant compounds. So what is the economic importance? How about the morphological changes after application of Blitox? What type of fungal diseases infect betel leaf? How Blitox is able to control it?	

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#### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### **Reviewer Details:**

Name:	<b>S. Geethalakshmi</b>
Department, University & Country	<b>RVS College of Arts and Science, India</b>