

Review Form 1.7

Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	Ms_AJRIB_110479
Title of the Manuscript:	Relative Growth Rate and Net Assimilation Rate of Black afara (<i>Termianliaivorensis</i>) seedlings grown with Arbuscular Mycorrhizal Fungi (AMF) under NaCl stress in Calabar, Nigeria.
Type of the Article	Original Research

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes. It is an important study as the available literature is very less on the said topic.</p> <p>2. Yes.</p> <p>3. Yes. But Abstract should be more concise.</p> <p>4. Yes.</p> <p>5. Yes</p> <p>6. References are recent enough. In discussion it is mentioned that AMF colonisation depends host specificity. According to Yang et al. (2012), Torrecillas et al. (2012), AMF are not always host specific but AMF show host preferences and the AMF and plant interactions are highly determined by the soil properties. Also author mentioned that the carbon loss is may be due to respiration. It is a well-known fact that plant provide carbon in the form of carbohydrates produced during photosynthesis to the AMF. It may happen a significant amount of carbon is supplied to AMF (Bago et al., 2003) Hence to confirm these few more references are required. (Yang et al. (2012) - https://bmcecolevol.biomedcentral.com/articles/10.1186/1471-2148-12-50 Torrecillas et al. (2012) - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3416610/ Bago et al. (2003) - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC166909/)</p> <p>7. It would be better if Spore count of inoculum is included.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes.</p>	
<p>Optional/General comments</p>	<p>Other parameters indicating primary productivity such as chlorophyll content can also be incorporated.</p>	

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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>	

Reviewer Details:

Name:	Rachana Birje
Department, University & Country	D. G. Ruparel College, India