

Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_84143
Title of the Manuscript:	Effects of mycorrhizal biofertilizer on the biochemical constituent, nutrient uptake, chlorophyll content, growth and agronomic parameters of American Yam bean (<i>Pachyrhizus erosus</i> L.) under saline condition
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljeai.com/index.php/JEAI/editorial-policy>)

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)
Compulsory REVISION comments	<ol style="list-style-type: none">1. The root and shoot dry weight ratio is different in NaCl and NaClBio treatment. Please add a figure to show the root/shoot dry weight ratio. This should be discussed.2. Please add your own idea why the synthesis of flavonoid inhibited under salt stress but not phenolic synthesis.3. Please be more specific on what function is reduced under salt stress which resulted in the decrease synthesis of flavonoid, but increase the synthesis phenol	<ol style="list-style-type: none">1. Done2. The biosynthesis of flavonoids, especially flavonol, which can be stimulated by the changes of the cellular redox homeostasis as MYB (myeloblastosis) transcription factors, involved in flavonol biosynthesis and regulated by varied cellular redox potentials were reduced.3. Like enzymatic activities cause by the detrimental effects of salinity on polyphenols which contribute to reduce scavenging free radicals or detoxify ROS in the plants
Minor REVISION comments	English	Done
Optional/General comments		

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)	