



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_44045
Title of the Manuscript:	The effects of a biofertilizer containing growth-promoting bacteria on the eggplant (Solanum melongena L.)
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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)
<u>Compulsory</u> REVISION comments	The study involves only agronomic variables of the treated egg plants but Pseudomonas fluorescence is known to confer several other benefits like production of siderophores to chelate Fe ions, inhibition of pathogens for the plant host and production of plant growth hormones. These must be included in studying the effects of a microbial biofertilizer on any plant. The manuscript has to be modified including the additional effects of microbial biofertilizer.	We know that management mechanism on Plants Growing Promoting Bacteria (PGPB) are diverse and it involves since pathogen pressure of soil until production in a great variety of antibiotics, siderophore and vegetal growing hormone. At the same time, despite the elevation of its consumption, due to its nutritional and medicine values which gives therapeutic potential to prevent heart diseases, studies with PGPB linking to mineral nutrition of eggplants from alternative sources of fertilizers which are still incipient. Thus, it had the aim to verify the improvement of agronomic variables of treated eggplants with biofertilizers elaborated with PGPB, and with plants which received conventional samples (organic or mineral), intended to be available as a low cost tool and efficient in the eggplant productivity elevation. Evaluation of used way by <i>Pseudomonas fluorescens</i> in the analysed biofertilizer, to promote eggplant growing, it can be carried out in a afterwards study, so it can get more complex tests, because gender <i>Pseudomonas spp.</i> are capable to produce a large variety of antibiotics, siderophore and vegetal growing hormone, all of them knowing with potential to improve plants growing.
<u>Minor</u> REVISION comments	Some English grammatical corrections are needed. Resubmit after the corrections	As appropriate corrections were made Thanks



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Optional/General comments		
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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>	