



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_50999
Title of the Manuscript:	EFFICIENT MICROORGANISMS APPLIED TO THE SOIL AND IN COVER ON THE QUINOA CROP (<i>Chenopodium quinoa</i>)
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)
Compulsory REVISION comments		
Minor REVISION comments		
Optional/General comments	<ul style="list-style-type: none"> - There is no need to add the scientific name of quinoa in the title and if it is a must the researcher have to add as (<i>Chenopodium quinoa</i> Willd.) -The name of quinoa accession which used in this trail not mentioned, -the fertilization recommendations which can be used by farmer not mentioned (can be used as control), the control not included any mineral fertilization (it is common ?). - The experimental design which appeared in this paper is factorial RCBD, That mean 4 treatments from factor A x 4 treatments from factor B = 16 treatments without the control. May it is only RCBD and not factorial (4 soil treatments + 4 foliar treatments + control = 9treatments) or It is need more clarification if he describe them as factorial trial it can be (5x5 treatments): Factor A: (without =0 as control, 3, 6, 9 and 12%) Factor B: (0, 3, 6, 9 and 12%) - Seeds were manually sowed, adding 12 seed per pot at a 5 cm depth (the researcher have to mention why this big number of seeds may the germination of the accession used was low?) & also why 5cm is the depth of planting while seeds size is very small only about 2mm (the depth of planting depending on the seed size). - It will be good if the control appeared in figures. - Please clarify the production in the table (grain or seed yield / pot or per plant) - May also if additional data are available like 1000-grain weight, protein content, saponin content (EM may affect the quinoa quality also). 	<ul style="list-style-type: none"> - We removed the scientific name from the title - Since there are still researches being made with the quinoa, there is still no name for the variety. - The recommendation of a base fertilization was added to the material and methods. - We tried to clarify the treatments, there were four main treatments, the dilutions from 0 up to 12% of EM. Each treatment had, or not, the application of EM on the leaves, being then considered a second factor (with or without), and the additional treatment was used as the main control because it was the quinoa alone without any application of EM. - We are sorry, there was a mistake with the number of seeds previously sown in the experiment and also a typo with the depth. The correct amount of seeds was of 6, being then thinned to 3, and a depth of 2 cm. - Is there a problem if the control is only a straight line? Because there is only one value for it. Also, the control is mentioned in Table 1 being it compared to the other two methods (dilutions + foliar application or not of EM). - Sadly, we haven't measured other parameters than these ones. But we appreciate your idea and sure we will consider doing it in future researches.



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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>	