



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_32221
Title of the Manuscript:	Growth and yield of sesame (Sesamum indicum L.) to population density of component cowpea in a sesame/cowpea mixture
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>)



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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)
Compulsory REVISION comments	In relation to this article, I consider that it is, in general, well written. In the introduction it is clearly described the problem situation to be investigated. The materials and methods are well delineated and understandable. The results and discussion are, respectively, well reported and substantiated, and are of scientific, environmental and social relevance. However, currently, the use of herbicides and insecticides should be avoided. Although the evaluation is focused on the consortium between cultures and population density, in the methodology there is no indication of the physical and chemical characteristics of the soil in which the experiment was developed. We believe that such explanations are necessary, since they are the basis of the need, or not, for fertilization. And, including soil chemical correction. If these previous analyzes were not performed, then what criteria did you use to define NPK fertilizer? The environmental conditions in which the experiment was carried out are unfavorable to the sesame crop (rainfall, maximum and minimum temperatures, humidity). So, is the statistical significance not observed in relation to sesame due to the consortium and the population proportion, or the environmental conditions? What is the duration of the experiment? 55 days? What cultivars are used?	Thank you for taking your time to painstakingly go through the manuscript. Your observation is highly appreciated and commendable. The use of herbicide in the study is very necessary in view of prevalence major insect pests and unavailability of organic botanicals for insect control. Phsio-chemical compositions of the soil at the experimental site have been included in the revised manuscript. E-sudan cultivar has been identified to be suitable for cultivation in the study area. Duration of the experiment was 75 days. It was carried out during the late season (late August to middle November).
Minor REVISION comments	Adapt the 'key words' and 'references in the text of the article' to the journal's standards. Correct spacing on line 98 and 58. In table 3, correct the unit of the	Thank you.



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	characteristic weight of 100 grains (g). In table 3, add the letters of statistical significance in the values: 1.28 and 1.25 of the 'LER' characteristic. On line 210, What is the spacing used in cowpea culture? Is it not described in the methodology?	
<u>Optional/General</u> comments	Approximately 61 and 33% of the references used in the statement of reasons for the article are, respectively, articles and books. However, 27 and 22% of the works, respectively, are of the last ten or more years.	