



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_44544
Title of the Manuscript:	Genetic Diversity and Importance of Loofah Traits
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	Number of accessions is very low and collection area is very narrow for this kind of study. Numbers of genotype and collection area are not sufficient. For genetic diversity analysis only fruit characteristics are not enough. Plant and yield parameters should have been included.	Number of accessions: The plant luffa need large area, for the spacing of the crop of 3 meters between rows and 5 meters between plants. In an experiment with 6 treatments, 3 replicates and 4 plants per replicate, totaling 1080 m ² . The work is an experimental process of incomplete blocks, being two experiments in complete blocks with 4 regular plates and 2 of common treatment, that is, for straight and precise execution of 2160 m ² , which would make it difficult to handle the experiment correctly. Collection area: even in the case of two nearby municipalities, it is observed that there is a great variability of populations in this place, this can be observed with the results presented in the article. Characteristics evaluated: the authors agree that there are other important characteristics, however to maximize the resources and in the case of an initial experiment that had as a plague the multiplication, the descriptors of the plant were not realized. In relation to productivity, it was not established due to the realization of controlled pollinations to obtain endogamic progenies, until the inbred fruit glue was observed, the other fruits of free pollinations were removed because it would be a source of drainage of the plant and thus could harm the glue and the development of the fruits, so if the productivity were measured the values would be erroneous.

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)	