



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_15139
Title of the Manuscript:	Variability of fruit and seed characters and oil content of 35 accessions of <i>Jatropha curcas</i> L. grown in a semi-aride site in Senegal
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 <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>
<u>Compulsory</u> REVISION comments	The manuscript is good, but there are a lot of thing that the authors needs to rewrite. It is important to show in "Data analysis method" how is adopted those effects of the model. If use the genetic as a fixed effect, you must to use a test for comparison of means, if the genetic is adopted as a random effect you must to calculate the genetic parameters. Its very important to describe in which situation is adopted, only to readers understand that authors are very prepared researcher in plant breeding. If the experiment have replicate the authors must to use de Mahalanobis Distance between access. Is the test of correlation analysis the T test??? If yes the authors must to read this in "Data analysis method" and again below the Table 3. "Correlation is significant at the 0.05 level by T test or another Test that authors had use. I think that regression equations is not important, since that R^2 coefficient is the square of the value of linear correlation of Pearson. What the hierarchical procedure the authors used? UPGMA, WPGMA, ... ??? Its important describe in "Data analysis method" and again below the Fig 1.	We rewrote the title, the introduction and others parts of manuscript Clustering analysis was done and a dendrogram was constructed using complete linkage and squared Euclidean distance method The test of correlation is Pearson correlation analysis
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		