



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	2014_IJPSS_12828
Title of the Manuscript:	PERFORMANCE EVALUATION AND GENETICS OF EXOTIC RICE VARIETIES IN A NIGERIA AGRO-ECOLOGY

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<ol style="list-style-type: none">Line 87: author remove the ref. from the statement, it is important to put the ref. at the end of the statement . So this statement must be (Phenotypic correlation coefficients was generated from the analyzed data according to, genetic advance as percent of mean and heritability in broad sense were computed as suggested by.....to estimate the performance analysis of the varieties and the path coefficients were calculated as suggested by.....) .In line 50 the statement is not clear i understand from this statement that you do this experiment in different environment of tropical africa but i think that this experiment was done in only one placeand only one year which is not enough to explain relationship between yield and yield components and path analysis.What is the reason for obtaining the varieties from Malaysian In short we learn very little about the plants or whether they could be useful.A number of the terms used are never defined and not clear to someone unfamiliar with for example in line 158 the statement is not clear or could not be understand.In line 91 the author said that the plant heights of the genotypes were somehow short statured compare to the parental types. I can't see the value of the parental types . So you can't add this statement if you don't grow the parental type with the exotic varieties to make comparison.The author make a result about plant height, number of tillers/hill, number of productive tillers i.e. effective tiller with panicle (ETP), tiller without panicle, flag leaf length, panicle length. What about panicle weight, number of filled grains/panicle, number of unfilled grains/panicle, 1000_grain weight, grain length, grain width.Several genetic parameters were estimated like GCV, PCV, h²B, GAM and GA but only GA and h²B were discussed in the manuscript.The English is poor and sometimes hard to understand so English should be checked by native speaker.Major revision is necessary. <p>The Authors have <u>not</u> satisfactorily accomplished the revision of the manuscript according to the Reviewers' suggestions.</p> <p>The English langue was not revised . The required explanations were not answered. I recommend the publication of manuscript after revision.</p>	<ul style="list-style-type: none">All the authors were appropriately cited.The experiment was conducted in locations that have similar environment and the results obtained are enough to explain path coefficient analysis and other genetic parameters contrary to the opinion of the reviewer.The Malaysian varieties is higher yielding due to proliferation of more tillers compared to the Nigerian varieties, also the plant height is moderate and the purpose is to hybridize after the evaluation.All other issues had been appropriately addressed.