



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_38428
Title of the Manuscript:	Nutrient availability from an organic fertilizer produced by chemical decomposition of solid wastes in relation to dry matter production in banana
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	<p>Abstract</p> <ul style="list-style-type: none"> - Line 9. Not written in conformity with instructions to authors. Composed of sub-headings which is very unusual for a journal manuscript. Needs to be completely re-organized in line with journal instructions to authors <p>Materials and Methods:</p> <ul style="list-style-type: none"> -Table 1, Line 53: Check units of measure and values for soil parameters such as N, P, K, Ca, Mg. - On what basis were soil parameters classified as deficient, sufficient, medium, high, etc.? Authors should include the basis for clarification. - Why was mineral fertilizer and P applied at different times as stated by authors? - Authors should describe in detail the various standard procedures, if any, adopted for the determination of the various soil parameters with references. <p>Results and Discussion</p> <ul style="list-style-type: none"> - Line 104-105: Urea has no acidifying effect on soil contrary to authors claims - Line 113-115: Authors seem to be confused with sources of soil acidification. At one stage it is from Urea and at another stage, it is from organic manures. Specific explanations are necessary. - Figures 2-6 are clumsy and do not correspond to information provided in text. A complete review is necessary. Simple tables or line graphs could provide simpler and clearer understanding for the reading public and scientific community. - Instead of blanket and sweeping statements of increasing or decreasing nutrient levels, could authors provide specific quantities of nutrient taken up at the various growth stages and at harvest. <ul style="list-style-type: none"> - Discussion is weak and needs to be made more elaborate and stronger but supported by experimental results. 	<p>Abstract revised as directed</p> <p>Values and units of measure of the said nutrients rechecked.</p> <p>The basis for classification and reference has been incorporated in Table 1 and also in References.</p> <p>The split application of mineral fertilizers was in conformity with the Package of Practices Recommendations of the Kerala Agricultural University standardised for banana crop. Reference for standard procedures followed in nutrient estimation has been incorporated as directed.</p> <p>Conflicting statements have been withdrawn and clearer statements included. Necessary corrections as directed included in the text</p> <p>Figures 2-6 replaced with tables 2 -6 as directed</p> <p>Concerned portions in the text are revised as per directions</p> <p>Specific quantities of variation of nutrients at various stages incorporated as directed</p> <p>Discussion portion revised as per directions</p>
Minor REVISION comments		
Optional/General comments		