



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_7290
Title of the Manuscript:	The effect of bud splitting on suppression of apical dominance and inducing multiple buds development in banana shoot tip cultures

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
I do not see much improvement in the manuscript, just some detail changes. The authors have indeed answered some (not all but that is OK) of my questions, but I do not see this reflected in the text at all. A real scientific discussion is according to me still lacking. - Influence of BAP?? / Reducing apical dominance - What is the physiological background of splitting - Yangambi is an AAA banana not an ABB as the authors claim - An adventitious bud is a de novo bud , irrespective of its position. Are there adventitious buds in banana?	At this point we feel that important points raised by reviewer such as the concentration of BAP used and its influence on buds proliferation are addressed and they in the text. The influence of BAP concentration in this study is discussed briefly in line 129-130. We fixed the concentration of BAP in order assess the effects of bud splitting only in our study The physiological influence of bud decapitation and splinting in our study is discussed in the text (line 141-143). Here we emphasize that our observation is not conclusive and is on what happened in our study as compared to our control. Yes Yangambi is an AAA banana, we apologise for this wrong classification. The buds we are discussing in this text are in vitro buds of banana shoot tip cultures/multiple shoots produced in vitro. In banana we have lateral buds. Thank you for your clarification and for bringing this to our understanding