



SDI Review Form 1.6

PART 1:

Journal Name:	<u>American Journal of Experimental Agriculture</u>
Manuscript Number:	2013_AJEA_4788
Title of the Manuscript:	PRE-TUBER APPLICATION OF FLURIDONE: EFFECT ON VEGETATIVE GROWTH AND SEED TUBER DORMANCY IN YAM (<i>D. alata</i>)
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

[\(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline\)](http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	1. Title: In results and discussion the effects of PGR were discussed emphasizing the effects of both fluridone and ABA, rather than emphasizing the effect of fluridone alone. Please, change the title as effect of PGR or highlight the effect of fluridone where ABA can be discussed as supportive contents. 2. Materials and method: From results and discussion '3.1 Plant environment' this part should be in materials and methodology 3. Results and discussion In results and discussion while explaining '3.2 Effect of fluridone on leaf morphology', only the appearance of leaf has been stated. Please, discuss probable reason behind this. If the effects of ABA were studied discuss it please. 3.3 Effect of PGR treatments on vegetative growth and development of <i>D. alata</i> plants Discussion and supportive references are needed here. 3.4 Effect of PGR treatments on <i>D. alata</i> tuber dormancy at 75 days after vine emergence Discussion and supportive references are needed here. 4. References Put reference on data analysis.	1. Title: -This manuscript is unique – it emphasises the effect of fluridone applied to young plants well before tuber formation (pre-tuber formation). Many authors are use to applying PGRs to the tuber. -the discussion is modified to emphasis the effect of fluridone with ABA discussed as supportive content. -thus, the title is maintained. 2. M&M Section 3.1 has been deleted. It content makes up apart of 2.2 (in red) 3. Results and discussion -3.2, which is now 3.1 is focused on effect of fluridone (the primary PGR of focus in this paper) not ABA or PGRs in general. The main object was to show that fluridone was absorbed by tissues and hence the observed bleaching. Thus, the effect of ABA has not been included in the revised version. -To discuss the probable reason behind bleaching, the 2nd paragraph of 3.4 was cut



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	Generally, when the numbers are given for references in reference section, that number is replaced for the same reference in the text. But numbers are only in reference. In this manuscript there is no number in the text. It is hard to find the reference. In such case, either arrange the references alphabetically or put number in the text instead of references. However, please follow the journal instruction. Please cross check the references.	and pasted in 3.1 (in red). -most of the discussion in 3.5 now 3.4 have been cut and pasted where they belong in sections 3.1 to 3.4. So there are supportive references now. New additions as well as pasted lines are highlighted in red. 4. References References follow journal instruction.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		