



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_12729
Title of the Manuscript:	Urea Fertilization: Effects on growth, nutrient uptake and root development of the biodiesel plant, castor bean (<i>Ricinus communis</i> L).
Type of the 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	1- You have no clear treatment to obtain good results. Then revise this manuscript. 2- Figures no have SE and classification by one of statistical methods.	1. In my opinion, the treatments are very clear because we have used different amounts of chemical fertilizer (urea- 45%N) in same amount of soil to evaluate the growth and other parameters. This is a very important experiment as not much work was done earlier on these aspects 2. Not applicable
Minor REVISION comments	1- Abstract is long and must short. 2- Keywords must alphabetic order. 3- After the word of et al must write ((,)). 4- Whole of scientific name must write italic.	1. It is necessary to make it clear to everyone 2. Done 3. Done 4. Done
Optional/General comments	1. Prefer to whole of unit by SI. You must do order of journal. 2. In write of your manuscript, do the orders of Journal for example; I see no any style in write of references section. 3. Introduction is very long and should write about Urea Fertilization, Effects on growth and biodiesel. 4. Why you select RCB design? Soil of pots was similar or different? 5. DAE is old and prefer use of GDD. 6. In many journals its order that title of figure behind of these no above but you do orders of this journal. 7. You write higher level of N application 363 (391mg urea/pot) to castor bean plants had more of an effect on the dry weight and other 364 morphological and physiological parameters of the plant as well as soil residual N effect, it seems that you must show the clear range of usage. 8. In conclusion, you write the 120 lb/acre was the best. Upper	1. Followed and done 2. Followed the journal style 3. Not much work was done on urea effect on biodiesel production, so the relevant information's with references must be added in the introduction 4. Soil of pots was similar. In control condition sometimes the plant at the side of the rack may not get exactly same amount of light compared to those are present at the centre of the rack 5. GDD generally used when the plants grown in natural condition. The experiment



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	than it how? 9. By your figures, it seems that treatment of N2 in some characters for example carbon percentage in 4rd week, shoot dry weight, shoot fresh weight in 3rd week were better than N3, what is your reasons? Ethical issues -Yes	was done under control condition. 6. Type setting/formatting issue beyond the scope of research 7. It is evident from the conclusion that 391mg urea/pot is the best treatment could be used for castor plant 8. We should reduce the cost of production so we will not go for higher fertilizer rate as we are getting good result at 120lb/acre followed by 90lb/acre(N3-N2) 9. In most cases we have found N3 is the best treatment followed by N2, which already mentioned in the text.
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