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Journal Name:	**American Journal of Experimental Agriculture**
Manuscript Number:	**2014_AJEA_9989**
Title of the Manuscript:	**EFFECT OF PETROLEUM PRODUCTS TREATMENT OF SOIL ON SUCCINATE DEHYDOGENASE AND LACTATE DEHYDOGENASE ACTIVITIES IN COWPEA (Vigna unguiculata) AND MAIZE (Zea mays) SEEDLINGS**
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	The manuscript 2014_AJEA_9989 describes the effects of petroleum products on succinate- and lactate dehydrogenase activities in cowpea (*Vigna unguiculata*) and maize (*Zea mays*) seedlings. The paper brings new data about the effects of a well-known pollutants. -Some figures need to be improved or removed. The figures 4.4.1 and 1 describe the same experimental values. Therefore, the figures 4.4.1 must be removed. - The figures 1 and 2 must be more accurately described and interpreted in the text. - The descriptions of the effects of petroleum products on various variables measured are not	Figures corrected, however the effect of time has little impact on the overall results

	accurate. For example, in referring to figure 2 the author(s) states that petroleum exposure induced a decrease in LDH activities. In fact, when exposed to petroleum products, the LDH activities INCREASED in leaves of cowpea and maize. - The authors focus a lot on comparing petroleum-treated to control samples, and have not pointed out some interesting effects of time on the variables measured. - Too much of the discussion involves experimental details from the literature, and there is not enough discussion of the results obtained in the author(s)'s own experiments.	

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Minor REVISION comments	- Many sentence related errors can be seen. To mention a few: Line 15: 'decrease' should be replaced with 'increase' Line 16: ' petroleum' should be removed Line 18: ' the data suggest' should be deleted - The section on statistical analysis is incomplete.	These areas have been addressed
Optional/General comments	- The manuscript needs to be rewritten in order to improve the language.	The language has been worked upon