



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_42876
Title of the Manuscript:	Analysis of the commercial or non-commercial energy sources and use pattern for cultivation of sugarcane in Narsinghpur (M. P.), India.
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	- The paper demonstrated analysis of the commercial or non-commercial energy sources and use pattern for cultivation of sugarcane in Narsinghpur (M. P.), India. In such filed, the energy sources called direct and indirect only not commercial or non-commercial energy sources. Thus the paper title must be changed to be: Energy analysis for cultivation of sugarcane: A case study in Narsinghpur (M. P.), India - The author/s has no words in the text to show how the data were collected by a questioner or by direct measurements. - Please describe field operations in the farms. Moreover, how do you select the investigated 10 framers?. - Please indicate the cultivation season. - Please provide energy equivalent of inputs in sugarcane production. In the text only man power is taken as 1.96 MJ/man-h and animal power was assumed to be 10.10 MJ/pair-h without any references. - Electric power equation (No. 1) needs a reference.	Respected sir/ma'am, thank you for your valuable suggestions and comments about this manuscript, I appreciate with all suggestions or comments which are mentioned by you in this manuscript. And I have corrected all things which are indicated by you in manuscript and I also have submitted correct manuscript in Journal. So I hope you will be agree with all corrections, which are done by me. Thank you.
Minor REVISION comments	- Please see: American-Eurasian J. Agric. & Environ. Sci., 4 (2): 165-171, 2008 Energy Analysis of Sugarcane Production in Plant Farms A Case Study in Debel Khazai Agro-industry in Iran M. Karimi, A. Rajabi Pour, A. Tabatabaeefar and A. Borghei - What are the techniques you suggest for reducing energy inputs if they are high when comparing with other research papers?. - In conclusion section the author/s mentioned that optimization of energy inputs (commercial and non-commercial energy inputs) are done on the basis that with application of zero inputs in the field the production will be zero without any evidences in the text. Also, be specified in the conclusion section as it seems to be a general conclusion.	
Optional/General comments	Please make these calculations to compare with other research topics in the field: - Energy use efficiency = Energy Output (MJ ha)/Energy Input (MJ ha) - Energy productivity = Grain output (kg ha)/Energy Input (MJ ha) - Specific energy = Energy input (MJ ha)/Grain output (kg ha) - Net energy gain = Energy Output (MJ ha)-Energy Input (MJ ha)	



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