



**SDI Review Form 1.6**

**PART 1:**

Journal Name:	<a href="#">Physical Review &amp; Research International</a>
Manuscript Number:	<b>MS: 2012 PRRI 2609</b>
Title of the Manuscript:	<b>Biodiesel Production from Tigernut (<i>Cyperus esculentus</i>) Oil and Characterization of its Blend with Petro-diesel</b>

**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>)**

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b><u>Compulsory</u></b> REVISION comments	<p>1. "2.2.Oil extraction": An Optimization of extraction experiment should be done.</p> <p>2. Explain how to receive all of the data in " Table 1" .</p> <p>3. "ASTM, B10, B20, B30 and B40", whole name should be written when it appear at the first time.</p> <p>4. In "1. INTRODUCTION": There are little references about the research progress of tigernut, please add the latest research progress.</p>	<p>Omission included</p> <p>Done</p> <p>done</p>
<b><u>Minor</u></b> REVISION comments	<p>1. "Table 2:": Oil content (%) 15.91, How to get? What it means?</p> <p>2. "Table 2:" "Odourless" lack of scientific basis.</p> <p>3. "2.5. Biodiesel production and purification": provide the experimental installation pictures.</p> <p>4. line 135 : There is a contradiction between "Table 1 shows the proximate composition of the tigernut tuber and starch after de-oiling of the feedstock" and "Crude fat (%) 25.70 in Table 1".</p> <p>5.line 92: Point out the specific data of moisture content dried by sun drying.</p> <p>6.line 94: Point out the specific data of residual moisture.</p> <p>7.line 98 : "repeated several times", How many times?</p>	<p>Correceted</p> <p>Pictures not originally taken</p> <p>No ambiguity here. There is no how there wont be some residual oil.</p> <p>Not necessary. Sentence re-framed</p> <p>Not necessary for the research carried out</p> <p>Corrected</p>



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	8. Table 3: "Flash point (oC) - 178 120 110 92 90 120 min." ,please explain it. 9. line 140: The title of "Table 1:",notice the case of letters.	Corrected  corrected
<b><u>Optional/General</u></b> comments	The manuscript were lack in literature retrieval, process and analysis about experiment are not described in detail, and the "4. CONCLUSION" is not complete inconsistent with "3. RESULTS 133 AND DISCUSSION".	