

Review Form 1.7

Journal Name:	Asian Journal of Agricultural and Horticultural Research
Manuscript Number:	Ms_AJHR_119551
Title of the Manuscript:	Bioconversion of Agricultural Waste into Biofuels
Type of the Article	Review Article

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, the subject is important and worth searching, since biofuels will play part in the desired sustainable energy goal.</p> <p>I propose this title instead "Production of Biofuels from Agricultural Waste "</p> <p>Yes</p> <p>To some extent, but some titles should be added as mentioned later.</p> <p>It needs some additions to be so.</p> <p>No. The number of references is little for a review paper, and many are old. More recent references should be added. I suggest these references to be added or some of them:</p> <ol style="list-style-type: none"> 1. Optimum Oil Yield from Egyptian jatropha Seeds Using Screw Press, International Journal of Mechanical & Mechatronics Engineering, IJMME-IJNES, Vol. 17, No. 01, 2017. 2. Design, Manufacturing and Testing of a Hydraulic Press to Produce Oil From Egyptian Jatropha Seeds, Journal of International Society for Science and Engineering, Vol. 1, No. 1, 2019. 3. Experimental Study on the Effect of Preheated Egyptian Jatropha Oil and Biodiesel on the Performance and Emissions of a Diesel Engine, International J. of Mechanical & Mechatronics Engineering IJMME, Vol. 20. No. 1, pp 59-69, 2020. <p>The authors are asked to do the following:1. Give the detailed method of the best biodiesel production method from waste feedstock,2. Give the kinds of free fatty acids (FFA) of biofuels from agr. waste and their %age, 3. Give the chemical and physical properties of the produced biofuel, such as heating value, viscosity, density, cetane number...etc., 4. Compare these properties with biofuels produced from other feedstocks and compare with fossil diesel.</p> <p>Present an unbiased discussion on the different biofuels produced from different feedstocks based on properties and cost and emissions.</p> <p>State clearly the current state of the art and the gaps to support the future work, and give a strong discussion in this concern.</p> <p>The given comparison tables shows nothing and should contain more solid scientific numerical data,</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes, to a good extent. However, the language needs revision.</p>	
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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