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Journal Name:	<u><a href="#">British Journal of Applied Science &amp; Technology</a></u>
Manuscript Number:	2014_BJAST_14005
Title of the Manuscript:	<b>Comparative of the yield and essence of peppermint (<i>Mentha piperita</i> L.) at first and second harvest time under the effect of organic and chemical fertilizers</b>
Type of the Article	<b>Original Research Article</b>

**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**

	<p><b>Reviewer's comment</b></p> <p>The manuscript comprises a regional contribution for fertilizer handling of peppermint in Iran. A positive aspect of the manuscript is that the findings are interesting for peppermint crop in this area. Although, this research evaluated basic parameters, such dry and wet biomass and essential oil content and yield. The chemical composition of essential oil seems too had been analyzed, but the results not showed. More consistency results could be reach with gas chromatography analysis. Despite this, the manuscript could be recommend for publication after rigorous corrections.</p> <p>One of the main problems of the manuscript is writing. There are many grammatical and orthographic errors in text, including mistakes in citation and in technical terms.</p>	<p><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></p>
<p><b>Compulsory</b> REVISION comments</p>	<p>I will do it in topics to make it easier:</p> <p>1) The manuscript needs rigorous grammatical and orthographic corrections. Example: There are long and confuse phrases. There are some mistakes in technical terms such pulygone (pulegone), vermin-compost (vermicompost), tanon (tannin), and so on.</p> <p>2) I suggest authors improve all parts of the manuscript.</p> <p><u>Abstract:</u></p> <ul style="list-style-type: none"> <li>-Text in past and present tense.</li> <li>- What the authors mean by quantitative and qualitative characteristics?</li> </ul> <p><u>Introduction:</u></p> <ul style="list-style-type: none"> <li>-I suggest authors focus in essential oil and cite references that are more recent.</li> <li>-There are long paragraphs cited for only one reference. It seems some reference lack.</li> <li>- What the difference between biomass yield and dry weight?</li> </ul>	



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	<p>Lack standardization and specification in some terms. Choose one of them for example dry leaves biomass, wet leaves biomass.</p> <ul style="list-style-type: none"><li>-Improve writing in the objectives, only essential oil had been evaluate. What do you mean with quantitative and qualitative characteristics?</li></ul> <p><u>Methodology:</u> It is not clear.</p> <ul style="list-style-type: none"><li>-What parameters was really evaluated?</li><li>- Let clear in text, what kind of soil was used in control treatment.</li><li>- Lack details about methodology of essential oil extraction and gas chromatographic analysis.</li><li>- What means: wet/dry yield (wet/dry biomass?); amount of essence (content in g/100g of dry leaves biomass?) and essence yield, which units express it?</li></ul> <p><u>Results and Discussion:</u></p> <ul style="list-style-type: none"><li>-It is very confused and lack objectivity.</li><li>-Check cited references.</li><li>- Table 2 is not necessary show.</li><li>-Authors affirm: 'caused increase vegetative growth, leaf surface and the number of extraction gland'. Any anatomic study was described in methodology.</li><li>-Gas chromatography analysis was described in methodology. But, it lack here.</li><li>-Design of Tables 1 and 3 must be improve.</li></ul> <p><u>Conclusion:</u> What means 'to obtain maximum value and yield of essence of peppermint as <b>medical and organic plant</b>, the ...'. It sounds strange.</p> <p><u>Reference:</u></p> <ul style="list-style-type: none"><li>-Only five cited references are of the last five years.</li><li>-Check style of reference in text and in the item to fit with rules of journal.</li><li>- Check also what kind of reference can be cited.</li></ul>	
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<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

Reviewer Details:

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