

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_124834
Title of the Manuscript:	Fatty Acid Profiling of Safflower (<i>Carthamus tinctorius</i>) Genotypes Using HPLC: A Comparative Analysis
Type of the Article	Research

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The current form and tone of MS is neither complete nor integrated enough to be considered a useful source for future scientific studies. There is an apparent mismatch between the title which indicates a full-fledged fatty acid profiling of safflower and the body of the text which only gives data on four fatty acids. It is a bit of an exaggeration to derive health claims from such scant information. While the manuscript does include the most common fatty acids from safflower plants, missing out on other fatty acids is critical especially where the author claims such varieties would be useful for breeding.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Title is not suitable. Keeping in view of the current MS work, the authors may consider title: 'Fatty acid profiling of major fatty acids in safflower genotype'.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Should be rewritten once the title and the content are refined.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The current MS is not scientifically robust as it lacks information such as n3 fatty acid profiles and n6:n3 ratio (pre-requisite cardiovascular wellness in human). This comment is in line with the conclusion part of the MS where authors tried to highlight their study importance on cardiovascular diseases.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -</p>	<p>Citation numbering should begin at '1' not '17'. Arrange your reference section according to the order they are cited in the text. Only put number so that if one wants to go for citation can look at the reference section for more!</p> <p>The below references could be helpful in reconstructing the current MS:</p> <p>Yassein, A. A., Khalaf, A. E., Mohdaly, A. A., & Roby, M. H. (2020). Selections of donors depending on agronomic traits, seed yield components, and fatty acid profile for genetic improvement of <i>Carthamus</i> using stepwise multiple regression. <i>OCL</i>, 27, 66.</p> <p>Ghareeb, S. A., Hasan, S. S., Ali, S. H. S., & Ahmad, N. S. (2020). Comparative analysis of safflower (<i>Carthamus tinctorius</i> L.) genotypes based on seed and oil characteristics. <i>Applied Ecology & Environmental Research</i>, 18(6).</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	Silly errors must be avoided such as not maintaining uniform font size etc. Follow the author's guidelines for accepted font details and alignment.	

PART 2:

	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)
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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