



**SDI Review Form 1.6**

Journal Name:	<a href="#">Advances in Research</a>
Manuscript Number:	<b>Ms_AIR_26125</b>
Title of the Manuscript:	<b>Opuntia sp. Cactus: Biological Characteristics, Cultivation and Applications</b>
Type of the Article	<b>Review paper</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**

	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)
<b><u>Compulsory</u></b> REVISION comments	<p><b>Review evaluation for Ms_AIR_26125</b></p> <p>It is very well written review paper. It has a special importance since it deals with high-water use efficiency crop with many uses.</p> <p>I have several comments to make, which might improve its message as follows:</p> <ol style="list-style-type: none"> <li>1. The references system the authors are using and it is acceptable to number them as they appear in the text. It worked this way up to reference 40. Instead of reference 41 on page 8 second paragraph, they use reference number 60. They have to follow the same system throughout the paper.</li> <li>2. English is not my mother tongue, but the use of the phrase Palm crop might confuse the reader since palm crops relates to totally different crop plants such as dates and palm-oil crop. Hence, try to use different term.</li> <li>3. On page 4 at the end of paragraph</li> </ol>	



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	<p>one, they specify the high water use efficiency of the CAM plants and they specify only annuals. In our publication PDF file is attached (Mizrahi et al 2007 Mizrahi. Y., E. Raveh, E. Yossov, A. Nerd and J. Ben-Asher 2007. New fruit crops with high water use efficiency. In: J. Janick, &amp; Anna Whipkey editors. Creating Markets for Economic Development of New Crops and New Uses, The proceedings of the sixth National New Crops Symposium. ). ASHS Press, Alexandria VA. pp. 216-222. ) we have Table 4 where we compared Water-use-efficiency of C3 fruit crops with Opuntia. These are real data taken from fruit growers in semi-arid zones in Israel showing the high water-use-efficiency of the Opuntia. It is worth mentioning it!</p> <p>4. Other important medicinal use they did not mention is that Opuntia ficus-indica flowers are used today against prostate hyperplasia. The PDF paper is attached (Adi Jonas, Gennady Rosenblat, Daniel Krapf, William Bitterman and Ishak Neeman Cactus flower extracts may prove beneficial in benign prostatic hyperplasia due to inhibition of 5a reductase activity, aromatase activity and lipid peroxidation. Urol Res (1998) 26:265±270). It is worth mentioning it.</p>	
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	<b>Again this review paper is very important and should be published with these minor comments.</b>	
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		

Reviewer Details:

Name:	<i>Emeritus Yosef Mizrahi</i>
Department, University & Country	<i>Department of Life Sciences, Ben-Gurion University of the Negev, Israel</i>