

**Review Form 1.7**

Journal Name:	<b>Journal of Scientific Research and Reports</b>
Manuscript Number:	<b>Ms_JSRR_118987</b>
Title of the Manuscript:	<b>Utilisation of green manures as organic substrates in soilless culture – A review</b>
Type of the Article	<b>Minireview Article</b>

## Review Form 1.7

### 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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>This review is original and includes important issues and analyses to utilisation of green manures as organic substrates in soilless culture. The scope of utilizing organic materials for crop production remains viable in recent years particularly in containerized crop production so less land area is required for agriculture production system resulting in increased land productivity.</p> <p>Soilless culture is an emerging and promising technique for overcoming current agricultural threats. It is the most sustainable and environmentally acceptable alternative to traditional soil-based intensive agriculture, and is now regarded as a convenient approach for conserving energy, fertilizers, and water.</p> <p>This review gives knowledge regarding the composition, rates and placement of GM crops, in future, to propose holistic system and precise agricultural practices to deal with constrain during adaptation of GM-based cropping system and utilisation of green manure dry powders as one of the choice as alternative substrate for soilless cultures.</p> <p>It is interesting and deserves attention!</p> <p>In the review are considered scope of utilizing organic substrates in soilless crop production and green manuring crops. Also it are presented contribution of other nutrients by green manuring; improvement in soil conditions on green manuring; effect of green manuring on biological activity and potentials of green manure as a substrate and amendment.</p> <p>Through meticulous the review and data analysis, this study is unique in because studies inclusion of green manures as dry powder in addition to other grow media substrates will be an alternative choice to obtain significant increase in growth and yield parameters of crops in soilless culture.</p> <p>This review is structured correctly and written in a good style, and the terminology used is correct. From the literature review, which includes 132 literature sources, it is clear that the author knows well the state of the problem, from which he correctly formulates the main goal and objectives of the study. The results of the review are presented on 30 pages and are illustrated with 4 tables and 10 figures, consistent with the specifics of specific indicators. Shown are many green leaf manures of tropical region.</p> <p>The obtained results are interpreted correctly, and the methodology used is adequate to the set tasks. A very good statistical processing of the data has been made, which allows making reliable and substantiated conclusions.</p> <p>This work reveals that soilless culture expands research, education and agricultural opportunities and there are great capabilities to confront these challenges of the green revolution and promote for a soilless one.</p> <p><b>Remark:</b> In point 3.3, the same sentence is written twice.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>The language quality of the article is suitable for scholarly communications.</p> <p>The exact terminologies and assay names used in the study were used.</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

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