



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Agricultural and Horticultural Research</a>
Manuscript Number:	<b>Ms_AJHR_49094</b>
Title of the Manuscript:	<b>Growing media quality and plug cell volume would be interactive abiotic stresses for Impatiens walleriana pot yield</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>

**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>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<p>In this paper authors have conducted a study on higher bedding plant yield per unit greenhouse area which was reaching through two grower currently decision-making: plug cell volume during nursery and growing media quality for both nursery and pot cycle. With the goal of maximize bedding plant yield to identify the main limiting factor at the pot stage, we evaluated <i>I. walleriana</i> yield at the end of the pot growth stage when four different pre-transplant cell volume and four pre or post-transplant growing media with different physical properties were used. The hypothesis tested was that only one of the potentially negative stress source (pre-transplant cell volume or growing medium quality) is the main responsible for decreasing biomass accumulation at the post-transplant pot growing cycle. The main result was that, in <i>I. walleriana</i> seedlings, the combining abiotic stresses imposed by both the growing medium quality and nursery plug cell volume define biomass accumulation (on a fresh and dry base), leaf area expanded and photo assimilates partitioned as opposed to a previous report, which indicate that that growing media quality would be a more limited factor than plug cell volume for <i>I. walleriana</i> seedlings during nursery. The study is very interesting and manuscript is almost structured properly.</p> <p><b>Following Explanations are needed-</b>  <b>Page 2, Line 66: 2. MATERIAL AND METHODS is to be replaced as 2. MATERIAL AND METHODOLOGY</b>  <b>Page 12, Lines 380-386: 5. CONCLUSION is to be re-written with point wise</b></p>	
<b>Optional/General</b> comments	<p>Manuscript is interesting and structured properly, but need to be improvised linguistically.  <i>The review manuscript is recommended for publication after incorporating above suggestion / comments.</i></p>	

**Ethical**

	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>	

**Reviewer Details:**

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