



**SDI Review Form 1.6**

Journal Name:	<a href="#">Annual Research &amp; Review in Biology</a>
Manuscript Number:	Ms_ARRB_40352
Title of the Manuscript:	Effect of Nitrogen Rates on Growth, Carbon Assimilation and Quality of Water Spinach (Ipomea aquatica)
Type of the Article	Original Research Article

**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><u>Compulsory</u></b> REVISION comments	There are major problems with the manuscript. First of all, I strongly recommend English revision. There are numerous mistakes and the English is poor. In the Material and Methods section the authors stated that the nitrogen source used in the experiment was NPK green fertilizer (15:15:15). Therefore it is not possible to see the effects of Nitrogen rates. When the authors applied different nitrogen rates they also gave phosphorus and potassium. I cannot accept the paper as it is. This paper is not about the effects of nitrogen rates it is about the effects of different rates of green fertilizer. Phosphorus and potassium were never included in the results and discussion.	The source of nitrogen that was used is single fertilizer i.e Urea and not NPK fertilizer and this was corrected in the manuscript. The English of the current article have been revised by native English speakers.
<b><u>Minor</u></b> REVISION comments	Although a minor revision compared to other problems; generally orthogonal comparisons are better when different levels of fertilizers are compared. It can show if the effects are linear, quadratic or cubic.	It was a good suggestion, The orthogonal analysis will be used on our next experiment. This will be use to predict trends of the growth and secondary metabolites in next experiment.
<b><u>Optional/General</u></b> comments		