



**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 ( <i>Ipomea aquatica</i> )
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>Compulsory</b> REVISION comments	<b>This manuscript can be accepted and published after minor revision.</b>	
<b>Minor</b> REVISION comments	<p>Introduction was written well however authors should mention the effect of high levels of nitrogen because nitrate accumulation is an important problem for leafy vegetables.</p> <p>The source of nitrogen should be written clearly in material and method. Ammonium nitrate, ammonium sulphate or urea, which one was used in this work. In material and method, NPK (15:15:15) fertilizer was used but the source of plant nutrients were not given clearly. The most important part of this work is nitrogen sources; the second important part of this work is nitrogen rates. Because nitrogen level increased plant biomass increase, this is a general literature knowledge.</p> <p>Results and discussion was written very well. Conclusion was also written well and clearly but in last sentence of this manuscript "<b>This work gives support that high nitrogen fertilization to <i>I. aquatica</i> can reduces the production of secondary metabolites although the growth parameters was enhanced with high nitrogen fertilization</b>" the nitrogen rate is ok both <b>secondary metabolites and growth parameters</b> but the authors have to answer this question "Which nitrogen source we recommend to the <i>I. aquatic</i> producers.</p>	
<b>Optional/General</b> comments		

**Reviewer Details:**

Name:	<b>Haluk Çağlar Kaymak</b>
Department, University & Country	<b>Horticulture, Atatürk University, Turkey</b>