

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_90610
Title of the Manuscript:	EFFECT OF NANOCHITOSAN AND BIOCAPSULES ON GROWTH, FLOWERING AND FLOWERYIELD OF GLADIOLUS(Gladiolus grandifloras L.) var. Priscilla.
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:

<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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)
Compulsory REVISION comments	<p>It is important to highlight that the authors present the importance. of gladiolus for the country's economy, however, research despite seeking greater potential development in the economy and productivity evaluates part of the adverse effects on environmental health</p> <p>There is an added value in this research that is reflected by being able to read and find in the introduction the importance of capsules versus bulk, this means efficiency and decrease in investment costs. In addition, the biocapsules allow the storage of microbial strains capable of being retained in the latent stage, which indicates that there is no problem of loss at room temperature as is the case with many liquid bioformulations, which allows gladiolus plants to have nitrogen. and essential phosphorus for its growth.</p> <p>The study presents very few conclusions, they have sufficient data to conclude the importance of biocapsules in gladiolus crops, the recommendations and relevant considerations of their research.</p> <p>The methodology is well explained, it allows the reader to understand and, most importantly, to replicate the research.</p> <p>The results are apparently consistent results, from which it can be analyzed that the Biocapsules and the nanochitosan alone or in combination do not directly influence the growth of the plants, the deviation occurs at 60 and 90 days where the average height of the plants is more variable, however the great benefit of said Biocapsules and nanochitosan are found in the number of buds in gladioli, as well as in the number of flower spikes per plant.</p> <p>It is recommended that all the units be reviewed and adjusted throughout the article, since in the analysis of results there are data that do not have the respective units.</p>	
Minor REVISION comments	<p>The abstract of the article clearly presents the objectives, methodology, results of the research and the conclusions. It is recommended that the first time an acronym is used in the text; its meaning should be stated. In this way, it will allow the reader to understand the results in a clearer way.</p> <p>The article summary presents the objectives, the methodology, and the results from the research and the conclusion, is recommended that the first time it is used in the text an acronym will state its meaning, as follows it could help the reader to understand clearly the results.</p>	
Optional/General comments	<p>The article complies with the publication standards, once the comments have been accepted according to the conclusions, congratulations to the authors for their advanced work, in addition to presenting new technologies that the world and agriculture demand today and that are surely necessary throughout the world. world when talking about food security not only about the economy of flowers, it is a very interesting article which I recommend from Latin America to better conclude and spread worldwide, greetings.</p>	

PART 2:

	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:

Name:	Edinson Fabian Monroy Avila
Department, University & Country	National Open and Distance University, Colombia