

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_88587
Title of the Manuscript:	Invigorating Effect of Seed Priming as Pre-Treatment Factors on Germination and Seedling Vigour of Tomato
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	Although some technical terminology can be found in the literature, I recommend avoiding them in scientific manuscript. The manuscript requires a section about data analysis (statistical model or the analysis of variance) and the Anova Table and Table of correlation. I suggest consulting a Statistician. The reproducibility of the experiment requires the number of seeds in the germination test, and the most difficult achievement is the number of seeds sowed under field conditions. The author write: a part of ...; I do not have a solution for this; perhaps the most assertive could be the elimination of this part in the manuscript. What tomato is this cultivar: industrial or salad? Looking at the image from the field, it suggests non-uniformity! Please, avoid images from cell phones in scientific manuscripts because they are not affordable. The last figure are not saying what we want to see.	
Minor REVISION comments	I suggest improving the readability of the manuscript. Please, review in-depth the literature about vegetables to make the text more attractive to agronomists working with horticulture.	
Optional/General comments	See the balloons for more information. This evaluation will give to the author(s) more time to improve the readability and achieve the recommendation on the balloons.	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Jose Walter Pedroza Carneiro
Department, University & Country	Universidade Estadual de Maringá, Brazil