

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_89370
Title of the Manuscript:	Evaluation of salinity resistance of amaranth (<i>Amaranthus cruentus</i> L.) mutant lines selected in Benin Republic
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.journalijpss.com/index.php/IJPSS/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		
Minor REVISION comments	<p>The idea of the manuscript is very good and I think it is applicable, but you should to make sure that this radiation dose is not harmful to human health.</p> <p>There are some modification:</p> <ol style="list-style-type: none">1. It was preferable to perform some chemical assessments such as pigments in leaves, proline content, antioxidants activity or some enzymes specific to environmental stress in order to highlight the effects of the tested factors. And at least determine Na element in the plant to be explain its accumulation in the plant tissues.2. I think since this experiment is an interaction experiment between two factors, it is must to explain the effect of each factor separately through the average of mean3. Soil physical and chemical analysis including Na and Cl content must be mentioned4. Please change the "image" word into "figure" word in page number 65. Remove the text box which including "0" number of figure (4) in page 86. Please name the parameters by their names so that the reader does not confuse the numbers of traits with the numbers of mutant lines in page 97. Insert tables number 2 and 3 within the text in the right way8. The author should be discuss the results more deeply	
Optional/General comments		

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:

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