

Review Form 1.7

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_104500
Title of the Manuscript:	Heat Stress Effects on Leaf Physiological Performances, Vegetative Growth and Grain Yield of Grain Corn (<i>Zea mays</i> L.) Heat stress effects on leaf physiological performance, vegetative growth and grain yield of maize (<i>Zea mays</i> L).
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.journalarja.com/index.php/ARJA/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The MS is defining the present need of conducting such experiments under heat stress conditions. The topic is interesting and coherent to the scope of journal.</p> <p>Some minor changes. Heat stress effects on leaf physiological performance, vegetative growth and grain yield of maize (<i>Zea mays</i> L).</p> <p>The abstract is well written.</p> <p>Yes. Structure and contents of the MS is understandable and text is generally readable.</p> <p>Yes. The study is well planned and it collects a series of measures on the different parameters. The experimental methodology is appropriate.</p> <p>The references numbers are large, it should be reduced.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The topic is interesting and coherent to the scope of journal. The experimental methodology is appropriate. Structure and contents of the MS is understandable and text is generally readable.</p>	
<p>Optional/General comments</p>	<p>The authors describe in the manuscript "Heat stress effects on leaf physiological performance, vegetative growth and grain yield of maize (<i>Zea mays</i> L)". Overall the paper is written well, but it contains too many references. I have raised some issues as annotated on the text and these are indicated on the text. Overall the paper is written well, but it contains too many old references so that references should be reduced up to 10-15 % and whole length of MS should be reduced at least 15 % in length. It will not lose the message. The figures are good in quality and visibility. Once cleared up this should be ok then MS can be accepted.</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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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