

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_121151
Title of the Manuscript:	Alleviating damage extent and enhancing yield through mild shading in microsperma and macrosperma genotypes of lentil (<i>Lens culinaris Medikus</i>) at terminal heat and combined stress condition.
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript may have contribution in agricultural fields. The findings quite good. However, this manuscript should undergo major revision before I recommend publication.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	1. The objective should be moved before experimental field. 2. The implication of main findings should be added in the last part of abstract.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	See comments	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	See comments 11.	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Please correct the English, style, typo, and correct the improper grammar</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> 1. Line spacing is not equal, please check. 2. All the figures' serving is boring. Where is the figure caption? Delete all inserted captions above. 3. State of the art is still less. The research gap is not too clear. Please revise to reinforce your novelty. 4. Add experimental documentations, e.g. serve the photos of the lentils PL-8 and PL-11. 5. Add photos of the geographical location of your experiment. How about the microclimate there? It should be informed because it can affect agriculture, e.g. Humidity, photoperiodism period, rainfall intensity, environmental air pressure, etc. 6. In what years that PL-8 and PL-11 be sown? Detail, please. 7. Consistent in the unit, all should use SI, not English unit (e.g. ft, lb, btu, inch, °F). 8. The experimental variations must be written in the materials and methods section. 9. The meteorological parameters should be replaced with up-to-date conditions, not in 2020. 10. What instrument did you use to measure plant height? 11. Section "days to maturity" → do not use "it" at the beginning of the sentence. 12. What purpose is for measuring MSI? It should be addressed first. 13. The equation should be equipped with an explanation of the abbreviation. Also, add the supporting refs for MSI and NDVI formulas. 14. Does statistical analysis use a one-tail or two-tail F test? Due to comparing means, where is the further test? F test is only for comparing variance equality. It should be continued with the T-test. 15. All of your results should be rechecked with a more complete statistical analysis. 16. Do not use color in the table 17. The abbreviation of HS SE, CD, NS, GT, SVP, etc. must be served. Please check others. 18. Paragraph 2 of the discussion should be split into 2-3 paragraphs. 19. Give space when writing numbers with units. Check all. 20. Authors should separate the discussion of why water stress lowers the objective parameter but shading enhances the objective parameter. 21. Limitations and further recommendations of this study should be addressed in the last part of the conclusion. 	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<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>	

Reviewer Details:

<p>Name:</p>	<p>Soen Steven</p>
<p>Department, University & Country</p>	<p>Indonesia</p>