

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_119331
Title of the Manuscript:	Heat Stress and Tolerance Mechanisms in (<i>Triticum aestivum</i> L.): A Comprehensive Review
Type of the Article	Review Article

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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, the manuscript explores strategies to mitigate heat stress in wheat, a critical issue given today's focus on climate change.</p> <p>Yes, the title is appropriate, Although the authors can consider the title: Understanding Heat Stress and Tolerance Mechanisms in Wheat (<i>Triticum aestivum</i> L.): A Comprehensive Review</p> <p>The abstract could have emphasized the effects of heat stress and climate change instead of statistical projections, which should be appropriately cited in the introduction.</p> <p>Yes, the subsections and overall structure are clear and understandable.</p> <p>1. However, the authors are encouraged to conduct a more in-depth investigation, dedicating separate paragraphs to each trait in wheat affected by heat, along with detailing the mechanisms and underlying reasons. This approach will enhance readers' understanding of the concepts presented.</p> <p>2. The section discussing the causes of heat stress could be positioned as the initial section, followed by the impacts on traits, and concluding with an exploration of heat-tolerant mechanisms</p> <p>Yes, the manuscript is scientifically correct.</p> <p>Yes, the references are sufficient</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	
<p>Optional/General comments</p>	<p>-</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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