

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_102103
Title of the Manuscript:	Application of auxins in haploid embryo induction in hexaploidy wheat
Type of the Article	Review 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>)

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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 manuscript could be important for the scientific community after major corrections are done to improve on the quality of work. Please refer to the annotated manuscript for details on corrections needed.</p> <p>Yes, but might be slightly modified depending on scope of work.</p> <p>The abstract is incomplete as it lacks other relevant aspects such as conclusion.</p> <p>No. Please refer to the annotated manuscript for appropriate action in the materials and methods section.</p> <p>This aspect can be improved. Please refer to the annotated manuscript for details on corrections needed.</p> <p>The references are sufficient, but could be updated with recent work in the field. The authors should consistently follow the journal style of referencing in both in text and cataloguing in the reference section.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The grammatical errors need to be fixed throughout the document.</p>	
<p>Optional/General comments</p>	<p>A study on the application of auxins in haploid embryo induction in hexaploidy wheat is vitally important to foster better understanding of what exists in literature on the subject. However, the present research is shallow as there are lots more that exist in literature on the subject that the authors underutilized. Below are some of the resources they might consider to improve on their work.</p> <p>Gomes, G. L. B., & Scortecci, K. C. (2021). Auxin and its role in plant development: structure, signalling, regulation and response mechanisms. <i>Plant biology (Stuttgart, Germany)</i>, 23(6), 894–904. https://doi.org/10.1111/plb.13303</p> <p>Mahato, A., Chaudhary, H.K. Auxin Induced Haploid Induction in Wide Crosses of Durum Wheat. <i>CEREAL RESEARCH COMMUNICATIONS</i> 47, 552–565 (2019). https://doi.org/10.1556/0806.47.2019.31</p> <p><u>The authors might also consider including write ups on the following subheadings:</u></p> <p>Potential of Haploid embryo induction in hexaploidy wheat Breeding Programs</p> <p>Current Application of Haploid embryo induction in hexaploidy wheat</p> <p>Generic Framework of Haploid embryo induction in hexaploidy wheat</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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