



SDI Review Form 1.6

Journal Name:	<u>Advances in Research</u>
Manuscript Number:	Ms_AIR_35629
Title of the Manuscript:	Rice: Grappling with Cold under Climatic Changes, Global Impact and Counter Strategies
Type of the Article	Review Paper

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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>The review deals with a subject of great relevance, cold stress in rice, which is little discussed in the literature. However, a review brings shallow information. My main contribution is that it does not meet the minimum requirements (50-150 references and 6000-9000 words) to be considered a review. It also does not meet the minireview criteria (reference 30-50). These issues need to be adjusted for approval.</p> <p>Regarding the quality of the information:</p> <ul style="list-style-type: none"> - Item: 3. Changes in the Morphological and Physiological Parameters under Cold should be rewritten with a great depth of information: "How does it affect like ROS?" - Why does it affect the lipid peroxidation? - Why does it cause sterility of spikelets? <p>This is because it involves one of the objectives of the review:</p> <ul style="list-style-type: none"> - Role of metabolites during response to cold. - How much is the actual decrease in spikelet sterility? How many percent cited in the others pappers. What could be done to prevent this? <p>I believe that all items have to be addressed in more depth.</p>	<p>Roles of metabolites discussed, numbers of references have been made 50 as mentioned by reviewer and total word count is also near to 6000.</p>
Minor REVISION comments	<ul style="list-style-type: none"> - Avoid using the expression: etc (lines 24, 33, 118) - Line 80... Replace the authors name with the numerical reference (Levitt 1980) - Line 85: for me, are morphological and non-physiological criteria. - Line 158: What's means viz.? - Line 170: change de symbol ⁰ to °; 	
Optional/General comments		