



SDI Review Form 1.6

Journal Name:	<a href="#">Annual Research &amp; Review in Biology</a>
Manuscript Number:	Ms_ARRB_49265
Title of the Manuscript:	Development of liquid enhancer containing KCl, Thiourea, Gibberellic acid and Salicylic acid for germination of drought-stressed Malaysian Indica rice seed cv. MR284
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:

(<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)
<p><b>Compulsory</b> REVISION comments</p>	<ol style="list-style-type: none"> <li><b>Title</b> – please write the species latin name of “<b>Indica rice</b>” “<i>Oryza sativa</i> subsp. <i>indica</i>”.</li> <li><b>Abstract</b> – line 3: please write the species “<b>latin name</b>” of Indica rice “<i>Oryza sativa</i> subsp. <i>indica</i>”, afterwards can be use only “Indica rice”.</li> <li><b>Key words</b> – line 3: please specify the investigated species “<b>latin name</b>” “<i>Oryza sativa</i> subsp. <i>indica</i>”.</li> <li><b>Introduction</b> – replace “Liu, Li, Liu, and Siu, (2015) “ with correctly cited reference as “Liu et al (2015)”.</li> <li><b>Material and Methods</b> – please add the species latin name before the mentioned cultivar “MR284” as “<i>Oryza sativa</i> subsp. <i>indica</i> cv. MR284”; please correctly cited the reference “Pirdashti, et al . (2003) instead of whole written authors name as “<b>Pirdashti, Sarvestani, Nematzadeh, and Ismail,</b>”; distribute them as in the subheading “SA, and GA “ insted of “<b>SA, and GA</b>” and in Table 1, Column 1 “<b>KCl, TU, GA and SA</b>” instead of “KCl, SA, TU and GA”; in Table 1, row 3: please delete the comma after the number “3.5,”; row 2: replace “<b>Arfan, Artar, &amp; Ashraf (2006)</b>” with “Arfan et al. (2007)” and correct the year of reference publishing (it is not the same as lsted in the Chapter “References” where is “2007”, row 3:replace “Hassanein, Amin, Rashad, and Ali (2014)” with “Hassanein et al. (2014)”, row 4: replace “Vieira, Fraga, Oloveira &amp; Santos (2002.” with “Vieira et al.(2002).” and “De Mello, Streck, Blankenship &amp; Paparozzi (2009).” with “De Mello et al. (2009).” And delete the point “ : “ (no need); leave one row space between the “<b>last sentence of Step 1: and Step 2:</b>”; in Table 2 the Title does not correspond with the content, namely in the Title there is written “<b>...of ideal concentration of...</b>”, but in the content are not given the concentrations, only combinations of liquid enhancer”, thereby correct the Title or gie the concentrations; please firstly write the whole term, afterwards you can use the abbreviation, in this case it is referred to “CRD”, write “completely randomized design”.</li> <li><b>Results</b> – in the Table 4 please keep the sequence as is given in Introduction and the followed subheadings (KCl, TU, GA and SA), hence Table 5 should refer to GA, not to SA (replace the two tables 5 and 6 with one another); row 4: correct the GA concentration “<b>2.4 mM</b>” as “0.24 mM” as is given in Table 6, column 1; row 5, Subheading “Selection of ideal concentration for KCl, TU, GA, and SA”; please add this sentence “...second step. <b>An exception is only established for GA treatments in the root length that reaches the largest size (11.1) at a concentration of 0.06 mM GA</b>” by aiming to correspond with the results given in Table 6.”; in Table 7 replace “30 mM KCl + 0.50 mM SA + 2.0 mM TU” with “30 mM KCl + 2.0 mM TU + 0.5 mM SA” to be the same as is given in Subheading “Combination treatments to produce liquid enhancer”; delete the space after the table and format it as with other tables (without leaving empty space between the table and text of clarification).</li> <li><b>Discussion</b> – Paragraph 2: please quote the references correctly, therefore replace “<b>Farooq, Irfan, Aziz, Ahmad and Cheema, 2013</b>” with “Farooq et al., 2013”, “<b>Wang, Zheng, Shen and Guo, 2013</b>” with “Wang et al., 2013” and “<b>Prajapati &amp; Kalavati, 2012</b>” with “Prajapati and Kalavati, 2012”; Paragraph 3: replace “<b>Amin, Abd El-Kader, Shalaby, Gharib, Rashad and Da Silva, (2013)</b>” with “Amin et al., 2013”; write “Maize” with small first letter as “maize”; replace “<b>Pandey, Srivastava, D'Souza, &amp; Penna, 2013</b>” with “Pandey et al. 2013”; Paragraph 4: replace “<b>Akter, Islam, Karim, and Hossain, 2014</b>” with “Akter et al., 2014”; Paragraph 5: replace “<b>Shakirova, Shakhbutdinova, Bezrukova,</b></li> </ol>	



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	<p>Fatkhutdionova and Fatkhutdionova, (2003)" with "Shakirova et al., 2003); replace "Miura &amp; Tada, 2014" with "Miura and Tada, 2014"; Paragraph 6: replace "Cavusoglu and Kabar" with "Cavusoglu et al., 2007".</p> <p>8. <u>References</u> – please, do the <b>renumbering</b> of the references, since after "6" is numbered "8" instead of "7"; check all listed references because in some of them do not separate the words (for ex.: 3, 4,10, 12, 13, 15, 16, 18, 19, 20, 21).</p>	
<b>Minor</b> REVISION comments	<p>The authors would check if the way the table titles are written is according the Author's instructions (Table 1; Table 2; .....)</p> <p>I would like to recommend to unify the HSD: in the subsection "Germination parameters" is indicated "p≤ 0.05" while after the Table 3 "p &lt;0.05".</p> <p>My suggestion is to put "cv." before is written "MR284" in the whole manuscript, it's somehow unknown, which is the utmost "MR284".</p>	
<b>Optional/General</b> comments	<p>Check the instructions for the authors referring to the "References" chapter !!! Various ways of listed references have been found, so I'm not sure that they are written according to the journal instructions!</p>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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