



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Agriculture</a>
Manuscript Number:	Ms_ARJA_42953
Title of the Manuscript:	Effect of Different Levels of Nitrogen, Phosphorus and Potassium on Insect and Pests in T. Aman Rice (Oryza sativa L.)
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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>- The effect of NPK against insect pests was carried out by previous researchers (Pathak and Ram, 1999; Rangini <i>et al.</i>, 2005; Sarwar, 2012; ...), justify clearly why it is important to carry out your research.</li> <li>- Sections 3.7 and 3.8: the citations used in these sections are not appropriated to justify your finding, please look for the appropriate one</li> <li>- Results and discussion: please interpret the significance of the findings of your work and give their implications</li> </ul>	
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>- Line 5: abbreviation "T." should not be used in the title</li> <li>- Lines 4-5: the title need to be changed. It may be change to <b>"Effect of Nitrogen, Phosphorus and Potassium (NPK) Application on Insect Pests Infesting Transplanting Aman Rice (<i>Oryza sativa</i> L.)"</b></li> <li>- Line 19: please change "insects and pests" to "insect pests"</li> <li>- Line 21: the expression "clean observation" should be check and replace by a more appropriated word</li> <li>- Lines 27, 28, 30 &amp; 31: the word "respectively" in parentheses should be replaced by the doses</li> <li>- Line 33: the words "insects" and "pests" should be "insect pests"</li> <li>- Line 37-38: please change the statement <b>"Rice is more nutritious than any other cereal crops"</b> to <b>Rice is among the most nutritious cereal crops</b>. The more recent citation should be also used</li> <li>- Line 42: the assertion "The estimated loss of rice in Bangladesh due to insect pests and diseases amounts to 1.5 to 2.0 million tons (Siddique, 1992)" may be different nowadays. Please check and use the more recent citation</li> <li>- Lines 46-48: the sentence "If there is positive interaction between nutrients and pest can be identified, can provide guidelines for optimizing total agro-ecosystem function" should be corrected. You can change it as: Positive interaction between nutrients and pest can be identified and provide guidelines for optimizing total agro-ecosystem function". The citation "Magdoff <i>et al.</i> 2000" should be Magdoff <i>et al.</i>, 2000</li> <li>- Line 51: the sentence "99 species ....." should not be started with the figure "99"</li> <li>- Lines 57-58: citation is needed to justified the statement "phosphorus is determinant of growth rate and population density"</li> <li>- Line 61: from the citation, "et al" should be italic</li> <li>- Line 162: the symbol "&amp;" should be changed to <b>and</b></li> <li>- Lines 162-163: the sentence "To make the green revolution successful &amp; to mitigate the adverse effects of fertilizers to the crop productive environment." Is not complete. Please correct it</li> <li>- Lines 65-66: the sentence "Keeping in view, the present study was undertaken to assess the effect of different levels of fertilizers on incidence of arthropod fauna on rice." May be removed</li> <li>- Lines 68 to 70: the paragraph should be corrected as "The present study was aimed to identify the optimum doses of NPK against field insect pests infesting the rice and for higher grain yields as well as better quality of rice.</li> <li>- Lines 74 to 76: please change the sentences <b>"The experiment was conducted during the period from July 2016 to October 2016.</b> <b>The present piece of research work was conducted in the experimental area of Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka-1207,</b></li> </ul>	



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	<p>Bangladesh.” to “The experiment was conducted during the period from July to October 2016, in the experimental area of Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh”</p> <ul style="list-style-type: none"> <li>- Line 98: the word “hetero-genetic” should be heterogeneity</li> <li>- Lines 80, 83, 95, 101, 106: the colon “:” after the title should be removed</li> <li>- Line 101: the letter “O” from the word “operation” should not be capital</li> <li>- Line 105: please remove the expression “Assessing Infestation level”</li> <li>- Line 106: the title should be “Assessment of infestation”</li> <li>- Line 109: please remove the word “infected”</li> <li>- Line 113 should be removed</li> <li>- Line 114: add “The” before the word “number”; the slash (/) should be replaced by comma (,)</li> <li>- Lines 130-132: the sentence “during the entire growing.....insect populations of rice plant” is the part of your methodology. It should be removed from the results and discussion section and may be used as part of your methodology</li> <li>- Lines 135, 143, 149, 155, 162 and 170: the titles are sub-titles of the section 3.1 and should be therefore numbered as 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.4, 3.1.5 and 3.1.6</li> <li>- Line 147: the year of publication should be added in parentheses to the citation</li> <li>- Section 3.3: according to the finding of de Kraker <i>et al.</i> (year) the lower number of leaf folder should be recorded from the control (<math>T_0</math>) follow by <math>T_1</math> in your study rather than from <math>T_5</math>. Please explain clearly this contrast</li> <li>- Section 3.4: please discuss why the number of rice hispa was lower from <math>T_5</math> than <math>T_1</math> treatments</li> <li>- Tables: there is no need to use the name of the rice variety in the titles of the tables. Tables footnotes should not be represented as a table or image</li> <li>- Section 3.6: the citation use</li> <li>- Table 1: letters after figures within the table should be explained at table footnote</li> <li>- Line 183: the section 3.9 should be changed to 3.2</li> <li>- The line 184 should be removed</li> <li>- Lines 214 and 215: the word “respectively” should be replaced by “@ 95, 50 and 40 kg/ha”, the expressions “and8.64%” and “-54.45and” should be space out</li> <li>- Line 220: Table 4 should be Table 3 and correction should be done for other tables</li> <li>- Tables 2 to 8: the abbreviation “DAT” should be fully given as table footnote</li> <li>- Lines 234-235, 254, 255, 272, 273, 293, 294, 313, 314: the word “respectively” should be replaced by the doses of the respective treatments</li> <li>- Line 273: please space out “and4.34%”</li> <li>- In section 3.15, how can you explain your results in contrast with the finding of Mahade <i>et al.</i> (1995)?</li> </ul> <p><b>References</b></p> <ul style="list-style-type: none"> <li>- Line 298: the citation “Pathak <i>et al.</i> (1999) » should be Pathak and Ram (1999)</li> <li>- Line 354 : the year of publication « 1985 » should be rechecked (1989)</li> <li>- Citations through your manuscript should be numbered</li> <li>- Lines 366-367: the year of publication should be given after the name of authors and before the title of the publication. The page number should be also added</li> <li>- Line 371: the page number should be added</li> <li>- Lines 376, 378, 381, 383 and 388: the correct abbreviations of the journal titles should be given</li> </ul>	
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<b>Optional/General</b> comments	However it may be of a great importance for local farmers and the country of origin	
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**Reviewer Details:**

Name:	<b><i>Daniel Kosini</i></b>
Department, University & Country	<b><i>Saint-Jérôme Catholic University Institute of Douala, Cameroon</i></b>