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| Book Name: | [Current Research Progress in Agricultural Sciences](https://www.bookpi.org/bookstore/product/current-research-progress-in-agricultural-sciences-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4081** |
| Title of the Manuscript: | **CHARACTERIZATION, BREEDING AND SELECTION OF PANELS OF RICE GERMPLASM UNDER LOW AND HIGH SOIL PHOSPHOROUS (P) AND NITROGEN (N) ENVIRONMENTS IN KENYA** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The collection of 314 lines from CIAT Colombia, 75 lines from AfricaRice Centre, and the local check Dourado Precoce is sufficient for this study. The most significant objective of this study is to evaluate the** **low phosphorus (P) and nitrogen (N) tolerance of rice accessions. The results showed that the rice germplasm panels adapted to low soil phosphorus and nitrogen conditions. These rice germplasm panels could be useful for genetic studies and improving low P and N tolerance in rice.** |  |
| **Is** **the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article is not really suitable. It should be: “Characterization, Breeding, and Selection of** **Rice Germplasm Panels Adapted to Low Soil Phosphorous (P) and Nitrogen (N) Environments in Kenya”** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **To improve the abstract, it should mention the selected panels of rice germplasm for improving low P and N tolerance. There is no need to summarize the results** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, is a scientific manuscript.** |  |
| **Are** **the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are sufficient and recent** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The language quality of the article is not suitable for scholarly communications. It would be better to revise it with clearer sentences and a focus on the main objective.** |  |
| Optional/General comments | **This manuscript will be improved by adding an analysis of the correlation between low phosphorus (P) and nitrogen (N) tolerance and other traits, and focusing on the main objective. For example, aroma was not evaluated in this study; however, it is mentioned in the discussion section.**  This manuscript should be revised before publishing on this book. |  |

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| **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)*** |
| **Are there ethical issues in this manuscript?** | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** | |
| **Name:** | **Tuyen Duc Do** |
| **Department, University & Country** | **Cuulong Delta Rice Research Institute, Vietnam** |