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| Journal Name: | [**Asian Journal of Research in Crop Science**](https://journalajrcs.com/index.php/AJRCS) |
| Manuscript Number: | **Ms\_AJRCS\_131483** |
| Title of the Manuscript: | **The impact of transplanting date on the development and productivity of Boro rice varieties and mutants in Mymensingh** |
| Type of the Article | **Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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.** | **This manuscript provides crucial insights into optimizing the transplanting date for Boro rice mutants and varieties in Mymensingh, significantly impacting rice productivity and food security. By evaluating the effects of different transplanting dates, the study identifies optimal windows that maximize grain yield, tillering capacity, and overall crop performance. The findings contribute to agronomic best practices, enabling farmers to make informed decisions that enhance yield potential and resource efficiency. This research also supports sustainable rice production by aligning transplanting schedules with environmental conditions, ensuring resilience against climate variability.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **The abstract provides a detailed summary of the study, but there are areas where it could be improved for clarity and comprehensiveness like**  **Redundant Details**  **Complex Sentence Structure**  **Repetitions** |  |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | The research paper effectively explores the impact of transplanting dates on Boro rice yield but could benefit from improved clarity in data presentation and a stronger emphasis on practical recommendations for farmers. |  |

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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)* |  |

**Reviewer Details:**

**Tarun Gaddam, Guru Kashi University, India**