

## Review Form 1.7

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|--------------------------|---|
| Journal Name:            | <b>International Journal of Plant &amp; Soil Science</b>  |
| Manuscript Number:       | <b>Ms_IJPSS_104766</b>  |
| Title of the Manuscript: | <b>Optimizing establishment methods and weed management practices on growth, yield and economics of maize under irrigated condition</b> |
| Type of the Article      | <b>Original Research Article</b>  |

### **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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

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**PART 1: Review Comments**

|  | <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) |
|--|---|--|
| <p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p> | <p>1. <b>Yes. This is a good piece of research work relevant to the field of crop production. The results may helpful to the farmers, researchers and extension workers.</b></p> <p>2. <b>Yes.</b></p> <p>3. <b>Yes</b></p> <p>4. <b>Yes</b></p> <p>5. <b>Yes</b></p> <p>6. <b>Yes</b></p>  |  |
| <p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>   | Yes   |  |
| <p><b>Optional/General</b> comments</p>  | <p>(i) Literatures are lacking on crop establishment and weed control i.e. why on crop establishment and weed control are important, may be added in Introduction</p> <p>(ii) As it was irrigated experiment, but no information of irrigation is found i.e which methodology, what amount and how many times of irrigation were applied, may be added.</p> <p>(iii) Details of drone may be given (Brand, model, make and capacity)</p> <p>(iv) Specify the experiment period was 2022 or 2023</p> <p>(v) Titles of Tables 1, 2, 3 &amp; 4 are the same, must be changed according to the contents.</p> <p>(vi) Seed rate of different planting method may be added.</p> <p>(vii) There should be a summary Table showing costs of items, i.e. what was the cost of equipment, drone, seeds, fertilizer, irrigation, labour, etc.</p> <p>(viii) Some comments and suggestions are given in the body of the manuscript, should be addressed properly.</p> <p>(ix) The paper may be published as full length paper after incorporating the comments/suggestions.</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) |
|--|---|--|
| <p><b>Are there ethical issues in this manuscript?</b></p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> |  |

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**Reviewer Details:**

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|----------------------------------|---|
| Name:                            | <b>Md. Ayub Hossain</b>                                       |
| Department, University & Country | <b>Bangladesh Agricultural Research Institute, Bangladesh</b> |