

## Review Form 1.7

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|--------------------------|--|
| Journal Name:            | <b>International Journal of Plant &amp; Soil Science</b>             |
| Manuscript Number:       | <b>Ms_IJPSS_105149</b>   |
| Title of the Manuscript: | <b>Evaluation of Suitable Smart Irrigation System for Black gram</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**

|  | 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>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p> | <p><b>Comments on research paper on “Evaluation of Suitable Smart Irrigation System for Black gram (Vigna mungo)”</b></p> <p>Thank you for giving me the opportunity for reviewing the manuscript for possible publication in <b>International Journal of Plant and Soil Science</b>. Content of the research paper is worth publishing and suitable for publication after major modifications. The paper is written on the basis of valuable information generated on irrigation methods and depth of sensors for black gram but presentation requires major improvement. The paper requires modifications as per style of International <b>Journal of Plant and Soil Science</b> mainly with respect to text and back references.</p> <p><b>Good</b><br/>I completed the review of the manuscript entitled “<b>Evaluation of Suitable Smart Irrigation System for Black gram (Vigna mungo)</b>” My overall comments about the manuscript are required major revision and overall impression is good about the manuscript. The topic of the manuscript is interesting providing useful information for users. However, preparation of manuscript is not technically sound. The <b>Introduction</b> is well substantiated as the content of the work and references are current and again need more references in text and backside. <b>Materials and method</b> section is not clear and it's required step by step methodology. The <b>results and discussion</b> are well but needs some improvement in this section also. Conclusions are rewrite again and it's required in brief. I believe that the writing quality of the manuscript would be improved by reviewing, editing or re-writing the manuscript. The manuscript is in general acceptable for publication after all correction given in manuscript. However, I suggest you consider the comments above for revision.</p> <p>(i.e. All tables and Figs style may be done according to <b>International Journal of Plant and Soil Science</b>. As per journal guide line all references in backside and in text may be corrected. Add current references in back side and text also.).</p> <p><b>Need to add recent references</b></p> |   |
| <p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>  | English need to improved  |   |
| <p><b>Optional/General</b> comments</p>  | Author guidelines must be followed  |   |

**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) |
|--|---|---|
| <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>Deodas T. Meshram</b>                             |
| Department, University & Country | <b>ICAR-Central Citrus Research Institute, India</b> |