

## Review Form 1.7

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|--------------------------|---|
| Journal Name:            | <b>International Journal of Plant &amp; Soil Science</b>  |
| Manuscript Number:       | <b>Ms_IJPSS_99421</b>   |
| Title of the Manuscript: | <b>Study of Soil and Crop Parameters of Coconut Orchard for Design of Tractor Operated Coconut Basin Lister cum Fertilizer Applicator</b> |
| Type of the 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:

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

## Review Form 1.7

### 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> <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>Importance:</b> They conducted a study in Instructional Farm, KCAET in the Year 2021 on the Soil parameters such as moisture content, bulk density, cone index, and shear strength; and crop parameters such as trunk diameter and root zone depth of coconut palm of coconut orchards for the design of tractor operated coconut basin lister cum fertilizer applicator.</p> <p>2. <b>Title:</b> Too long and preferred to be modified into “<b>Designing Tractor Operated Coconut Basin Lister cum Fertilizer Applicator</b>”.</p> <p>3. <b>Abstract:</b> Improperly displayed. Please provide one or two short sentences as a background on the problem before illustrating the aim. Some modifications were recommended to enhance the readability and understanding.</p> <p>4. <b>Structure of the manuscript:</b></p> <ol style="list-style-type: none"> <li><b>Keywords:</b> Please rearrange in alphabetical order as suggested.</li> <li><b>Introduction:</b> Clear to a greater extent. Some modifications were suggested to enhance readability and understanding.</li> <li><b>The aim:</b> Clear and informative.</li> <li><b>Materials and methods:</b> Please notice the following: <ol style="list-style-type: none"> <li>Please provide the institutional ethical approval for the study.</li> <li>The authors provided details on the statistical analysis, the software used, the statistical model, and a reference.</li> <li>Some modifications were suggested to enhance the readability and understanding of the text.</li> </ol> </li> <li><b>Results:</b> Novel and clear to a greater extent. Many modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Discussion:</b> Not listed. The authors have to discuss their findings compared to the previous studies.</li> <li><b>Conclusion:</b> Clear and informative. Some modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Tables:</b> Well-presented and organized.</li> <li><b>Figures:</b> Well-presented and organized.</li> </ol> <p>5. <b>Scientific Soundness:</b> The manuscript carried a novel idea but is defective in some points as the absence of the discussion weakens the manuscript.</p> <p>6. <b>References:</b> Sufficient as 30% (3 out of 10) of the listed references were published in the past five years.</p> |   |
| <p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>   | <p><b>General view:</b> The manuscript was expressed in moderate English and grammar. The authors have to consider the addition of a discussion section to compare their findings with the previous studies. Professional copyediting and proofreading have to be carried out before resubmission to achieve publishing value.</p>   |   |
| <p><b>Optional/General</b> comments</p>  |  |   |

### 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>Are there ethical issues in this manuscript?</p> | <p>(If yes, Kindly please write down the ethical issues here in details)</p> |   |

### Reviewer Details:

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| Name:                            | Essam Samir Soliman          |
| Department, University & Country | Suez Canal University, Egypt |