

## Review Form 1.7

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|--------------------------|--|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a>  |
| Manuscript Number:       | Ms_IJECC_105598  |
| Title of the Manuscript: | Effect of Drip irrigation and Fertigation levels on yield attributes and yield of African marigold ( <i>Tagetes erecta</i> L.) during rabi |
| Type of the Article      | Research paper   |

### 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.journalijecc.com/index.php/IJECC/editorial-policy> )

### **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><b>Sure, as this article standardises the fertigation dose to be applied and its frequency</b></p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>The type of drip irrigation used, plot size, Total quantity of water and fertilizers applied per treatment, cost analysis, water use efficiency, fertilizer use efficiency needs to be calculated. Water requirement estimation method with crop coefficients needs to be quoted.</p> <p>References are sufficient</p> <p>Was the RDF for solid fertilizers or fertigation ? Why P is not included in RDF or applied? How much water is applied traditionally. Water savings by this method needs to be reflected</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>Yes</p>   |   |
| <p><b>Optional/General</b> comments</p>  | <p>This is one season study. Needs to be continued for second year in order to come with new recommendation for fertigation</p>  |   |

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**PART 2:**

|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> <i>(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)</i> |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

**Reviewer Details:**

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|----------------------------------|--|
| Name:                            | <b>A.R. Pimpale</b>  |
| Department, University & Country | <b>College of Agriculture, Dr PDKV Akola University, India</b> |