

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_104351
Title of the Manuscript:	Performance of Nano- DAP under rice-wheat cropping system in Vertisol of Chhattisgarh
Type of the Article	Original Research 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.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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1- Yes The experiment was laid out with 12 treatments of rice and wheat in randomized block design to investigate the response of nano DAP application on the growth and yield of rice and wheat. The results showed that application of 75% P through DAP (T6 and T7) in combination with nano DAP and treatment with 100 % P through DAP gave at par result in soil microbial biomass carbon, fungus and total bacteria colony count in rice during both years. In phosphorus solubilizing bacteria treatment with 50 % P through DAP and combination of Nano- DAP with it gave at par results. The result soil microbial biomass carbon, fungus and total bacteria colony count reveals that 25% of DAP fertilizer can be saved by application through combination of nano DAP fertilizer with DAP and the result phosphorus solubilizing bacteria reveals that 50% of DAP fertilizer can be saved by application through combination of nano DAP fertilizer with DAP in rice.</p> <p>2- Yes</p> <p>3- Yes</p> <p>4- Yes But the discussion section need sufficient references to compare with the results of the study.</p> <p>5- Yes</p> <p>6- No References not sufficient.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p>Optional/General comments</p>		

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PART 2:

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

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