

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Biochemistry, Genetics and Molecular Biology</a>
Manuscript Number:	Ms_AJBGMB_122581
Title of the Manuscript:	EFFECTS OF CITRIC ACID ON THE PHYTOEXTRACTION POTENTIAL OF Psium sativium L GROWN ON MULTI- HEAVY METAL CONTAMINATED SOIL.
Type of the Article	

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>Phyto remediation of heavy metals in attracting researchers to combat pollution. The present study has much relevance in this background.</p> <p>The overall presentation of the paper, materials and methods, sequential arrangements, discussion etc. are done satisfactorily.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p><b>Clarification required :</b> It is observed that the treatment of the soil sample with different concentrations of citric acid increased the biomass of the root and shoot of the plant samples at citric acid concentration of 0.5 g/kg and 1.0 g/kg compared to the non-citric acid treated soil but an increase in the concentration of the citric acid to 1.5 g/kg reduced the biomass of the root and shoot.</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>This point needs some more discussion and clarifications explaining its scientific reasons.</p> <p>(i) While 0 (no OA- control), 0.5 and 1.0 g /kg of OA increases the root and biomass production, There may be a critical concentration - a high concentration between 1.0 and 1.5 , which initiates the suppression of the root and biomass production. This critical concentration can be obtained through graphical or statistical methods.</p> <p>(ii) The scientific reason for reduced growth of <i>Pisum sativum</i> at high OA level may also be explained.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>The paper may be accepted for publication after incorporating the additional points mentioned above.</b></p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>		
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>		
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>		

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#### **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)
<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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Department, University & Country	<b>Kerala Agricultural University, India</b>