

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_104865
Title of the Manuscript:	In vitro evaluation of groundnut (<i>Arachis hypogea</i> L.) rhizospheric Bradyrhizobium traits for dinitrogen fixation
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>)

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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>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>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p>Optional/General comments</p>	<p>1- The introduction is not sufficient, write more about previous literature review regarding <i>Brady rhizobium</i></p> <p>2- Write all scientific name in obliquely</p> <p>3- Transfer this paragraph from introduction to conclusions In the present study, it was observed that the population of <i>Bradyrhizobium</i> ranged between 0.77 and 1.17 per cent to the total bacterial community recorded in the population survey at Cuddalore district, Tamil Nadu, India. Six isolates of <i>Bradyrhizobium</i> were isolated and designated and the PGPR characteristics were analyzed. Two <i>Bradyrhizobium</i> isolates were ranked in I category. Finally, the <i>Bradyrhizobium</i> BM-5 was selected as the most efficient isolate and their speciation revealed that they were belonging to <i>Bradyrhizobium arachidis</i>. Considering the trait specialization of <i>Bradyrhizobium</i></p> <p>4- All your 6 isolates have the colony and biochemical test reactivity, except nitrogen fixing efficiency, in which basis you decided that's different isolates. Discuss more in your results. Its preferable to carry out DNA sequencing or vitech to ensure your isolates</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><u>(If yes, Kindly please write down the ethical issues here in details)</u></p>	

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Reviewer Details:

Name:	Mustafa Ismail Umer
Department, University & Country	Iraq